National Cancer Institute

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U.S. Cancer Mortality Rates and Trends, 1950-1979

Volume III

by

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U.S. Environ... ...tion Agency

Foreword

The many benefits of our modern, developing, industrial society are accompanied by certain hazards. Careful assessment of the relative risk of existing and new man-made environmental hazards is necessary for the establishment of sound regulatory policy. These regulations serve to enhance the quality of our environment in order to promote the public health and welfare and the productive capacity of our Nation's population.

The complexities of environmental problems originate in the deep interdependent relationships between the various physical and biological segments of man's natural and social world. Solutions to these environmental problems require an integrated program of research and development using input from a number of disciplines. The Health Effects Research Laboratory, Research Triangle Park, NC and Cincinnati, OH conducts a coordinated environmental health research program in toxicology, epidemiology and clinical studies using human volunteer subjects. Wide ranges of pollutants known or suspected to cause health problems are studied. The research focuses on air pollutants, water pollutants, toxic substances, hazardous wastes, pesticides and non-ionizing radiation. The laboratory participates in the development and revision of air and water quality criteria and health assessment documents on pollutants for which regulatory actions are being considered. Direct support to the regulatory function of the Agency is provided in the form of expert testimony and preparation of affidavits as well as expert advice to the Administrator to assure the adequacy of environmental regulatory decisions involving the protection of the health and welfare of all U.S. inhabitants

This report contains cancer mortality rates and changes in rates for counties of the United States for the time periods of 1950-1959, 1960-1969, 1970-1979. Included are mortality data for each of 35 site-specific cancers for each sex and for white and non-white races. Further, this report ranks counties nationally by percentile (for each cancer site, race, and sex) for their percent change from 1950-1959 to 1970-1979 and for their 1970-1979 age-adjusted death rate. Knowledge of these geographic and temporal differences in cancer mortality is useful for generating hypotheses of environmental determinants of human cancer.

F. Gordon Hueter
Director
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Abstract

With the reduction in deaths from contagious disease during the past century and the reduction in deaths due to cardiovascular diseases during the past decade, the relative importance of cancer mortality has increased. Cancer is the second leading cause of death in the United States, accounting for approximately 400,000 deaths in 1979.

This report contains cancer mortality rates and changes in rates for counties of the United States for 1950-1959, 1960-1969, and 1970-1979. This report includes the number of deaths and cancer mortality rates age-adjusted to the 1970 U.S. population for each of 35 site-specific cancers for four race-sex groups. Further, counties are ranked nationally by percentile for 1970-1979 age-adjusted death rates and for percent change from 1950-1959 to 1970-1979.

Over the three periods covered by this report, there have been marked fluctuations in mortality for several site-specific cancers. Total cancer mortality rates increased 16% for white males and 39% for non-white males. Among the ten major cancer sites, lung cancer mortality increased most noticeably. White male lung cancer mortality increased 116% from 1950-1959 to 1970-1979 and white female lung cancer mortality increased 199%. Non-white lung cancer rates rose even more sharply. Non-white male and female lung cancer mortality increased 185% and 188%.

Cancer mortality data as arranged in this report have many uses. For example the geographic and temporal differences are useful in developing and examining hypotheses concerning the influence of various environmental factors. The degree of consistency of such differences across the four race-sex groups and among the age groups can furnish additional insights into possible causative factors. Elevated rates in even one race-sex group may suggest hypotheses for further investigation.

U.S. Environmental Protection Agency

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Cancer Sites ICD 9th Rev.	Site	Page Number WM	WF	NM	NF
	Volume I				
140-208	All cancers combined	001	033	065	091
140	Cancer of the lip	117	137	144	146
141,143-146,148, 149	Cancer of the oral cavity including tongue	148	179	207	221
142	Cancer of the salivary gland	231	253	271	276
147	Cancer of the nasopharynx	280	299	311	317
150	Cancer of the esophagus	321	352	379	395
151	Cancer of the stomach	406	438	470	490
153,159.0	Cancer of the large intestine	507	539	571	589
154 except 154.3	Cancer of the rectum	608	639	670	685
155,156	Cancer of the liver and gallbladder including bile ducts	699	731	763	778
157	Cancer of the pancreas	792	824	856	873
	Volume II				
160	Cancer of the nose, nasal cavities, middle ear and accessory sinuses	001	023	041	048
161	Cancer of the larynx	053	083	100	112
162,163,165	Cancer of the trachea, bronchus and lung including pleura and other respiratory sites	117	150	182	204
170	Cancer of the bone including jaw	222	251	278	288
171,164.1	Connective and soft tissue cancer	297	323	348	356
172	Malignant melanoma of skin	364	394	423	429
173,154.3	Nonmelanoma skin cancer	435	465	491	499
174,175	Cancer of the breast	506	523	555	561
179,181,182	Cancer of the chorion and uterus	----	581	----	613
180	Cancer of the cervix uteri	----	631	----	663
183	Cancer of the ovary, fallopian tube and broad ligament	----	682	----	714
185	Cancer of the prostate	730	----	762	----
186	Cancer of the testis	782	----	808	----
188,189.3	Cancer of the bladder and other urinary organs	814	846	876	891
189 except 189.3	Cancer of the kidney and ureter	904	935	965	978

Cancer Sites ICD 9th Rev.	Site	Page Number WM	WF	NM	NF
	Volume III				
190	Cancer of the eye	001	019	035	039
191,192	Cancer of the brain and other parts of the nervous system	042	074	105	117
193	Cancer of the thyroid gland	128	148	173	178
194,164.0	Cancer of the thymus and other endocrine glands	186	203	218	222
200,202,159.1, 202.0,.1,.8,.9	Lymphosarcoma and reticulum cell sarcoma including other lymphoma	226	258	290	304
201	Hodgkin's disease	316	346	374	384
203 except 203.1	Multiple myeloma	392	422	451	464
204-208,202.4,203.1	Leukemias	476	508	540	556
152,158,159.2-.9, 164.2-.9,184,187, 195-199,202.2,.3, .5,.6	Secondary, site unspecified, and not previously listed cancers	571	604	637	656

Acknowledgment

We wish to acknowledge the support and help of the National Center for Health Statistics (NCHS), especially to thank Joyce Scott, June S. Pearce, and Katheryn G Lyndon, who checked our comparability between the seventh, eighth, and ninth revision of the International Classification of Diseases (ICD) and verified that our classifications and tables matched the format used to code cause of death from the certificates.

We wish to acknowledge the support and help of Ms. Constance Percy, Demographic Analysis Section, Biometry Branch, National Cancer Institute in facilitating the updating of our data base to include 1979 mortality, and to check our comparability between the eighth and ninth revision of the International Classification of Diseases (ICD).

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Section 1

Introduction and Summary

Introduction

With the reduction in deaths from contagious diseases during the past century and the reduction in deaths due to cardiovascular diseases during the past decade, the relative importance of cancer mortality has increased. Cancer is the second leading cause of death in the United States, accounting for approximately 400,000 deaths in 1979 (1,2). The increase in cancer deaths over the past three decades has been accompanied by increased cigarette consumption, industrial expansion, increased use of private automobiles and other modes of transportation, and growth in chemical production, as well as changes in life style, occupation, and many advances in the knowledge, detection, and treatment of cancer (1,3,4,5). However, the lag time between exposure and clinical diagnosis suggests that the relevant exposure for current cancer deaths may have occurred 10, 15, 20 or more years in the past.

The geographic distribution of cancer has been used for various epidemiologic purposes. "U.S. Cancer Mortality by County: 1950-1969" by Mason and McKay provided 20-year average cancer mortality rates by county (6). In this publication, and also in the two companion atlases by Mason *et al.*, the importance of analyses of county mortality data is discussed (7,8). The three publications have been most useful in identifying high-risk areas, allowing correlational analyses to suggest potential risk factors, and selecting areas for further cancer studies.

We provide a similar approach for screening county mortality data; but in place of 20-year average rates, we present cancer mortality rates for counties in the United States for three decades: 1950-1959, 1960-1969, and 1970-1979. These additional data include: cancer mortality rates for each of the three decades; percent change in rates between each of the decades; percentile rank of counties for percent change between 1950-1959 and 1970-1979; percentile rank of counties by average annual cancer death rates for 1970-1979. We use an asterisk to identify counties with observed number of deaths significantly larger than the expected.

Major Results

The present report collates virtually all reported cancer deaths in the United States from 1950 through 1979, a 30-year period. More than 8 million cancer deaths occurred during this period. These results may be subject to various interpretations, yet certain features of the data are unmistakable.

Over the three decades covered by this report, there have been marked fluctuations in mortality for several site-specific cancers. Some of these changes have involved all four race/sex groups, while others have been race and/or sex specific. Total cancer mortality rates increased 16% for white males and 39% for non-white males. Female cancer mortality rates declined slightly for whites and remained virtually unchanged for non-whites.

Among the ten major cancer sites, lung cancer mortality increased most noticeabaly. White male lung cancer mortality increased 116% from 1950-1959 to 1970-1979 and white female lung cancer mortality increased 199%. Non-white lung cancer rates rose even more sharply. Non-white male and female lung cancer mortality increased 185% and 188%. Interestingly, the largest part of this increase occurred between the first two periods for white and non-white males, while this increase occurred between the second and third periods for female lung cancer mortality. We observed consistent increments in pancreatic cancer mortality for all race/sex groups. Increments were 17% and 14% for white males and females, while non-whites experienced greater increases of 37% and 47%. Mortality from cancer of the large intestine increased among white males (17%), non-white males (61%), and non-white females (24%). Only white females experienced a decline (9%) for this site. Stomach cancer mortality continued to decline. All four race/sex groups experienced a decrement of greater than 40% from 1950-59 to 1970-79. Rectal cancer also declined for all race/sex groups. For this site, the decrements for white males, white females, non-white males, and non-white females were 36%, 44%, 19%, 38%, respectively.

Marked changes over time also occurred for several less common cancer sites. Most striking among these changes was the large increment in multiple myeloma. Mortality from this cause of death increased sharply for white males (85%) and females (78%), and even more sharply for non-white males (141%) and females (140%). Melanoma mortality continued to rise in the four race-sex categories, white males (88%), white females (51%), non-white males (49%), and non-white females (15%). Laryngeal cancer mortality rose only slightly for white males (5%), but white females (53%) and especially non-white males (68%) and females (54%) exhibited larger increases. Esophageal cancer showed little change for whites, but non-whites experienced increments of 53% and 65% for males and females, respectively Less common cancer sites characterized by decreasing mortality included cancer of the bone and, for females, cancer of the uterine corpus. Bone cancer mortality declined 41%, 43%, 32%, and 46% among the four race/sex groups. Mortality from cancer of the chorion and uterus declined 46% for whites and 57% for non-whites.

Uses of These Tables

The mortality rates and percent change in mortality rates in this report may be used for various epidemiologic studies and purposes. These data may be used to identify counties and groups of counties with high cancer mortality rates, with large increments in cancer mortality, or both. A second use of these data would be to locate counties with unique demographic, environmental, and industrial characteristics and determine if they had remarkable mortality rates and mortality trends. High mortality rates and high percent change in mortality rates occurring in both sexes suggests a possible connection with an environmental exposure or other risk factors unrelated to sex, while high mortality rates among men only suggest the existence of occupational or other sex-related risk factors. An indicated use of this report, then, along with other secondary data on ambient environmental pollution levels or emission data, demographic characteristics, etc., follows the step-wise cancer research approach as described by Blot *et al.* (9).

Researchers may use this report to identify counties and groups of counties for developing and implementing a detailed monitoring program of ambient environmental pollutants, or for performing in depth field studies, e.g., cancer case control studies. Whether the study is an environmental monitoring or an epidemiologic field study, this report provides a method of screening cancer mortality data to select areas most suitable for study.

Another important use of this report will be as a ready reference for EPA and other governmental agencies, state and local health departments, universities, and citizens' groups. When local communities are concerned about a specific cancer situation, this report provides an historic data base with which to compare the current local conditions. Thus, this data base is an important resource for responding to community questions and concerns.

Considerations in Application

The many uses and strengths of these cancer mortality data have just been discussed. There are also several characteristics that users should bear in mind in using these data. The major characteristics are related to the accuracy and completeness of the death certificate information, the effects of changes over time in classification, coding and population characteristics and the effects of migration and latent period of disease.

Several studies have compared the diagnostic classification information on the death certificate to diagnostic information from other sources such as hospital records or autopsy results (10,11,12).These studies have generally shown the overall agreement between diagnosis and underlying cause of death to be very high for the most frequent causes of mortality. Studies of completeness and consistency of the demographic information on the death certificate have also shown high agreement (11). Although these results are very encouraging, the user should be aware of potential limitations in interpretation.

Studies of temporal trends in cancer mortality require recognition of possible effects of the decennial revisions of the International Classification of Diseases (ICD) during the 30 year span of our study. We discuss our treatment of the comparability issue in Section 3,C. We generated equivalent codes for the sixth, seventh, eighth and ninth edition of the ICD.

In Section 3,A. we discuss our method to establish fixed equivalent county boundaries over the 30 years.

The rapid scientific development in medical diagnostic practice over the 30 years have increased the precision of identifying site specific cancers. At the level of aggregation used in this report, this characteristic should have little effect on the results for most cancer sites; however, users should be aware of this characteristic in using these data.

Population distribution by age, sex, and race affects cancer mortality. In Section 3,B. we discuss our use of the total U.S. population for 1970 as the standard for 1950-1979. Population proportions of the above demographic characteristics not only vary across counties but vary over time within counties due to migration, births, deaths and possibly changes in competing risks of death (13-14). The effect of relative changes in these factors is complicated by the relatively long latent period between exposure and appearance for most types of cancer. Therefore, hypotheses concerning cause and effect relationships deserve careful, and cautious, consideration.

A final reminder is that these cancer mortality data are presented in terms of geographic risk. Our major purpose is to examine the spatial and temporal differences in order to generate hypotheses about possible environmental factors. In this respect, this report differs from those studies which have been concerned with the temporal trend in cancer rates per se, such as Pollack and Horm (2).

Many of these characteristics have been discussed in more detail elsewhere in the literature (10-14). These data are the prime source in documenting geographic patterns of cancer rates and trends over the 30 year period. With these characteristics in mind, we believe these new mortality data can provide a fresh perspective to the assessment of cancer mortality differences.

Section 2

Materials and Methods

A. Source and Description of Data

This report uses data from both the National Center for Health Statistics (NCHS) and the Bureau of Census.

1. *Death Records – General Characteristics:*
   - Years available: We have virtually all cancer death records for 1950-1979.
   - International Classification of Diseases: We used ICD codes from the ninth revision for 1979 mortality and in our tables, and the table of contents. NCHS used the International Classification of Diseases adapted for use in the United States (ICDA) instead of the unmodified ICD codes from the eighth revision to classify and code the underlying cause of death for years 1968-1978 (15). The comparability tables follow NCHS practice in use of ICD for edition 6, 7, 9, and ICDA for edition 8. We have used ICD in place of ICDA when referring to editions other than 8, when referring to two or more editions, and in general discussion.
   - Each death record contains the county of residence, year and month of death, age in years, race (white or non-white), sex, and ICD rubric. For more detail on death records see Technical Appendix from Vital Statistics of the United States 1977 and other years (16).
2. Death Records – Special Characteristics:
   - Mortality data as coded for 1952 combined five boroughs of New York City. We used the average ratio for years 1950, 1951, 1953, and 1954 of each borough in New York City to estimate 1952 deaths in each borough.
   - New Jersey did not code race in 1962 and 1963. F. W. McKay, National Cancer Institute, gave us the estimates he used in their publications (6,7,8).
   - We include all cancer deaths during 1972 even though Vital Statistics of the United States 1972 used only a 50 percent sample in their publication (16).
   - Over the 30 years covered in this report, the International Classification of Diseases (ICD) has undergone four revisions: sixth, seventh, eighth, and ninth. We have included a table of comparative ICD codes from each revision. Also in the table, codes from the sixth and seventh editions are grouped together because for our purposes they are essentially identical. For comparability over the 30 years, we did not include Polycythemia Vera or Myelofibrosis (ICDA 208, 209) since only the eighth edition classified these as cancer.
3. Population records:
   - Census years 1950, 1960, 1970, 1980.
   - Detail: By county, race, and sex, 5 year age groups through 84, and 85+.
   - Population 1950 census: Available 1950 Bureau of Census population for each county, race, and sex were for 5 year age groups through 74, 75-85, and 85+. In order to make the 1950 county counts consistent with 1960, 1970, and 1980 data, we used the U.S. race and sex specific counts for age 75-79, and 80-84 from the U.S. Bureau of Census 20% enumeration sample to estimate the percent of age 75-84 age group who were in the 75-79 age group. Using this percentage, we estimated the county counts in the 75-79 age group and assigned the residual to the 80-84 age group.
   - Interpolation between census years: We used a simple linear interpolation to generate mid-year population estimates between census years.
4. Geographic detail:
   - "County" as used in this report refers to a county, parish in Louisiana, independent city, or a combination of counties as shown in technical notes.
   - Through the years, political area changes have taken place. In many cases, the only way to keep a consistent geographical area was to combine counties. This is especially evident in Virginia where independent cities have annexed parts of counties. Details of these changes are given in the technical notes on changes and combination of counties.

B. Calculations

1. Average annual age-adjusted mortality rate:
   - We calculated annual age-adjusted mortality rates (per 100,000) for counties listed on the death certificate as the county of usual residence by cancer site, race, and sex with the total U.S. age, specific population for 1970 used as the standard for the total study period 1950-1979. The table in Section 3B presents the standard million population used in this study. This report contains rates for each of the contiguous states for 1950-1979. We added Alaska and Hawaii rates for 1960-1979. The District of Columbia has been included as a

separate entity which is listed both as a state and a county.

- Formula for average annual age-adjusted death rate per 100,000:

$$S(i,y) = D(i,y)/R(i,y)$$

$$A(y) = \sum_{i=1}^{n} S(i,y)\,P(i)(100{,}000) / \sum_{i=1}^{n} P(i)$$

$$A(d) = \sum_{y=1}^{m} A(y)/m$$

S(i,y) = Age-specific death rates in age group i, year y.
D(i,y) = Number of deaths in age group i, in year y.
R(i,y) = Mid-year population in age group i, in year y.
A(y) = Age-adjusted death rate per 100,000 in year y.
P(i) = Number of age group i in the standard population (1970 U.S. population).
A(d) = Average annual age-adjusted death rate per decade.
y = Year index.
i = Age index.
n = Number of age groups (18 age groups: 0-4, 5-9, 10-14, 15-19, 20-24, 25-29, 29-34, 35-39, 40-44, 45-49, 50-54, 55-59, 60-64, 65-69, 70-74, 75-79, 80-84, 85+).
m = (10), number of years in period.
d = Decade (i.e., 1950-1959, 1960-1969, or 1970-1979).

2. Expected number of deaths:

- Expected number of deaths for each race, sex group by year are calculated by multiplying the U.S. age-specific death ratio for each age interval by the county population of the specific age group, adding over all age groups, and then adding over all years in each time period (1950-1959, 1960-1969, 1970-1979).
- Formula for the expected number of deaths for each race, sex, cancer site, county, and the year:

$$E(k,j,y) = \sum_{i=1}^{18} D(i,j,y)\,P(i,k,y)/P(i,y)$$

y = year index (i.e., 1950, 1951, ..., 1979)
i = age index (i.e., 0-4, 5-9, 10-14, ..., 80-84, 85+)
k = county index
j = cancer site index

E(k,j,y) = Expected number of deaths in the kth county from the jth cancer site in the yth year.
D(i,j,y) = Number of deaths in the U.S. from the jth cancer site, in the ith age group, in the yth year.
P(i,y) = The U.S. population in the ith age group in the yth year.
P(i,k,y) = The population in the ith age group, kth county, and the yth year.

$$E(k,j) = \sum_{y=1}^{m} E(k,j,y) = \lambda$$

λ = Expected number of deaths in the kth county from the jth cancer site for the decade.
m = Number of years in the decade.

- Given the expected number of deaths λ, use the function below to calculate the probability that the number of deaths is less than the observed number n.

$$\text{Prob}(X \leq n) = \sum_{X=0}^{n} (\lambda^{x e^{-\lambda}})/X!$$

n = number of observed deaths

- If the Prob(X≤n)>.975, flag the county as being statistically significant. This deviation is the upper limit of a 95% confidence interval.

- For counties with 36 or more deaths for a cancer site in a decade (1950-1959, 1960-1969, 1970-1979), we used the normal approximation for the interval of the expected value of a poisson variable (17). Formula for calculating the upper confidence limit:

$$U = \lambda + 1/2 + 3/8\,z^2 + z(\lambda + 1/2 + 1/8\,z^2)^{0.5}$$

U = Upper confidence limit
λ = expected number of deaths
z = 1.96 for the 95% confidence interval.

- Counties with an observed number of deaths larger than the upper confidence limit are identified by an asterisk in the table.

3. Percent change in mortality rates:

- In the process of generating percent change in death rates, we generated total deaths and rates for each decade, percent change from 1950-1959 to 1960-1969, from 1960-1969 to 1970-1979 and from 1950-1959 to 1970-1979. For each race and sex, counties are percentile ranked for percent change from 1950-1959 to 1970-1979 and percentile ranked for average rate per 100,000 for 1970-1979. There may be up to 31 counties in a percentile. This report is presented in three separate volumes. These volumes have cancer sites arranged by ICD number in sequential order as found in the ICD ninth edition.

4. Special cases (which were rare) are dealt with as follows:

   - If any age group the population is less than the number of deaths, the population is increased to the number of deaths. This occurs in small populations if deaths occur before census count or due to anomolies of population estimates.
   - Percent change must have a non-zero age-adjusted death rate for both numerator and denominator to be printed. This restriction also holds for ranking of percent change between 1950-1959 and 1970-1979.
   - Death records with unknown age or other missing information were omitted from the calculations.

5. Methods for ranking counties:

   - Calculation of percentile rank of rate per 100,000 population for 1970-1979 includes all counties with a rate of zero or greater listed in the tables.
   - Calculation of percentile rank for percent change in rates from 1950-1959 to 1970-1979 includes all counties with percent changes listed in the table. Both of the rankings include all counties less those left blank or not printed. The formula is:

$$PC = 100\,(R)/(NCR + 1)$$

where PC = percentile
R = rank given
NCR = number of counties ranked (i.e., 3065 counties for the 1970-1979 rate or less for percent change)

   - The United States and individual states are not included in the ranking.

C. Report Page Layout

1. Clarification of table headings:

- The first row of the heading contains, from left to right, the race and sex, the name of site-specific cancer, and the ICD code from the ninth revision;
- Columns headed "Deaths" and "Rate" under 1950-1959, 1960-1969, and 1970-1979 contain the total number of deaths and age-adjusted average annual death rate per 100,000 occurring during each period;
- An asterisk indicates that the observed number of deaths in a specific county is significantly larger than the expected number of deaths;
- The center column lists the United States, each state, and county in alphabetical order under the state with independent cities within the state at the end of all counties;
- Columns headed 60S/50S, 70S/60S, and 70S/50S under percent change indicate the percent change in mortality rate between 1950-1959 and 1960-1969, 1960-1969 and 1970-1979, and 1950-1959 and 1970-1979; and
- Columns headed 70S/50S and 1970S under percentile contain the percentile rank of counties for the percent change between 1950-1959 and 1970-1979 and the percentile rank of counties for the average annual rate for 1970-1979. Percentiles range from 99 for the highest to 00 for the lowest.

2. Explanation of blank entries in the table:

   - In case of no deaths in a decade, the period is left blank.
   - In case of no deaths from a site specific cancer in the 30 year period, the line is not printed.

Section 3

Technical Notes

A. Area Recodes and Combination of Counties

Changes in boundaries during the 30 year period made it necessary to combine counties and cities to have a defined area which would not change over the period. When changes in boundaries involve negligible percentage of the population in the areas, we did not combine areas. Virginia, with independent cities located outside and frequently between counties, has required the most adjustment The following areas are combined:

1. Alaska—entire state
2. Colorado
   Denver includes Arapahoe County.
3. Georgia
   Muscogee County includes Chattahoochee County.
4. Hawaii
   Maui County includes Kalawao County.
5. Montana
   Park County includes the Montana portion of Yellowstone National Park.
6. South Dakota
   a. Dewey County includes the former Armstrong County.
   b. Jackson County includes the former Washabaugh County.
7. Virginia-Counties
   a. Albemarle County includes Charlottesville.
   b. Alleghany County includes Clifton Forge, and Covington.
   c. Arlington County includes the city of Falls Church.
   d. Augusta County includes the cities of Staunton and Waynesboro.
   e. Bedford County includes Campbell County and the cities of Lynchburg and Bedford.
   f. Carroll County includes Galax City and Grayson County.
   g. Chesterfield County includes the cities of Richmond and Colonial Heights.
   h. Dinwiddie County includes Prince George County and the cities of Petersburg and Hopewell.
   i. Fairfax County includes the cities of Alexandria and Fairfax.
   j. Frederick County includes Winchester City.
   k. Greensville County includes the city of Emporia.
   l. Halifax County includes the city of South Boston.
   m. Henry County includes Martinsville City.
   n. James City County includes York and New Kent Counties, and the cities of Williamsburg, and Poquoson.
   o. Montgomery County includes Radford City.
   p. Pittsylvania County includes Danville City.
   q. Prince William County includes Manassas and Manassas Park.
   r. Roanoke County includes Roanoke and Salem cities.
   s. Rockbridge County includes the cities of Buena Vista and Lexington.
   t. Rockingham County includes Harrisonburg City.
   u. Southampton County includes Franklin City.
   v. Spottsylvania County includes Fredericksburg City.
   w. Washington County includes Bristol City.
   x. Wise County includes Norton City.
8. Virginia-cities
   a. Chesapeake includes the counties of Norfolk and Princess Anne, and the cities of Norfolk, Portsmouth, South Norfolk, and Virginia Beach.
   b. Hampton City includes Elizabeth City County.
   c. Newport News City includes Warwick.
   d. Suffolk City includes Nansemond County.
9. Wisconsin
   Menominee County includes Oconto and Shawano Counties.
10. Wyoming
    Park County includes Teton County and the Wyoming portion of Yellowstone National Park.

B. Standard Million Population

The standard population used is the total 1970 U.S. population as shown below.

United States
Standard Million Populations by Age for 1970

Age	Population
All ages	1,000,000
<5	84,416
5-9	98,204
10-14	102,304
15-19	93,845
20-24	80,561
25-29	66,320
30-34	56,249
35-39	54,656
40-44	58,958
45-49	59,622
50-54	54,643
55-59	49,077
60-64	42,403
65-69	34,406
70-74	26,789
75-79	18,871
80-84	11,241
85+	7,435

Source: U.S. Bureau of the Census, Census of Population: 1970, *General Population Characteristics,* Final Report PC(1)-B

C. Constructing Equivalent Cause of Death Categories Across Years

The rates and trends generated in the present work cover 30 years spanning four editions of the ICD. This long time span required achieving comparability between time periods covered when different rules of classification of underlying cause of death were in effect. We did not want to create artifically increased rates by attributing deaths to a site specific cancer solely because of a change in classification rules. To avoid this potential artifact, we developed comparability codes for translation between the 6th, 7th, 8th, and 9th edition (revision) of the International Classification of Diseases (see table below).

Several authors have attempted to create equivalencies between editions of the ICD (18,19,20). The National Center for Health Statistics conducted the most intensive studies to test comparability by generating comparability ratios. However, for some cancer sites no absolute equivalence can ever be achieved. At the level of aggregation we are using, this should present few problems since whatever effects remain should apply equally to all counties. However, users of these data should keep in mind potential problems relating to coding in equivalencies.

Cancer Site Comparability Table

Cancer Site	ICD 9	ICDA 8	ICD 6* & 7
Lip	140	140	140
Oral cavity including tongue	141,143-146,148,149	141,143-146,148,149	141,143-145,147,148
Salivary gland	142	142	142
Nasopharynx	147	147	146
Esophagus	150	150	150
Stomach	151	151	151
Large intestine	153,159.0	153	153
Rectum	154 except 154.3	154	154
Liver and gallbladder including bile ducts	155,156	155,156,197.8	155*
Pancreas	157	157	157
Nose, nasal cavities, middle ear and accessory sinuses	160	160	160
Larynx	161	161	161
Trachea, bronchus and lung including pleura and other respiratory sites	162,163,165	162,163.0, 163.9	162,163
Bone including jaw	170	170	196
Connective and soft tissue	164.1,171	171,192.4,192.5	197,193.3,193.4**
Malignant melanoma of skin	172	172	190
Nonmelanoma skin cancer	173,154.3	173 except 173.5	191
Breast	174,175	174	170
Cervix uteri	180	180	171

Cancer Site Comparability Table

Cancer Site	ICD 9	ICDA 8	ICD 6* & 7
Chorion, corpus uterus and uterus not otherwise specified	179,181,182	181,182	172,173,174
Ovary, fallopian tube and broad ligament	183	183	175
Prostate	185	185	177
Testis	186	186	178
Bladder and other urinary organs	188,189.3	188,189.9	181
Kidney and ureter	189 except 189.3	189.0,189.1,189.2	180
Eye	190	190	192
Brain and other parts of the nervous system	191,192	191,192 except 192.4 & 192.5	193 except 193.3 & 193.4*
Thyroid gland	193	193	194
Thymus and other endocrine glands	194,164.0	194	195
Lymphosarcoma and reticulum cell sarcoma including other lymphoma	159.1,200,202 except 202.2-.6	200,202	200,202,205
Hodgkin's disease	201	201	201
Multiple myeloma	203 except 203.1	203	203
Leukemias	204-208,202.4,203.1	204-207	204
Secondary, site unspecified and not previously listed cancers	152,158,159.2-.9,164.2-.9, 184,187,195-199, 202.2,.3,.5,.6	152,158,159,163.1,173.5 184,187,195,196,197.0-.7, 197.9,198,199	152,156,158,159,164 165,176,179,198,199
All cancers	140-208	140-207	140-205

*Code 156 ICD 6 and 7 secondary and unspecified cannot be separated For this reason, death rates for 1950-1959 and 1970-1979 are not comparable and the comparison should not be used

**Code 193 ICD 6 cannot be subdivided For this reason deaths from malignant neoplasm of brain and other parts of the nervous system for years 1950-1957 contain deaths from malignant neoplasm of peripheral nerves and sympathetic nervous system.

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WHITE MALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1730	.3	1702	.2	1551	.2	UNITED STATES	-17	-18	-32		
21	.3	23	.3	17	.1	ALABAMA AL	-1	-41	-42		
1*	2.8					AUTAUGA AL					
		2*	1.4			BLOUNT AL					
		1*	7.5			BULLOCK AL					
1*	1.4					BUTLER AL					
1	.5	1	.3	1	.3	CALHOUN AL	-44	24	-31	39	84
2*	1.9	1*	.8			CHILTON AL	-57				
				1*	1.7	CLAY AL					97
1*	2.0					CLEBURNE AL					
1*	3.0					COOSA AL					
1	.8					COVINGTON AL					
		1*	1.3			DALE AL					
1	.5	1	.5			DE KALB AL	0				
2*	2.2	2*	1.7			ELMORE AL	-21				
		1*	1.1	1*	.9	ESCAMBIA AL		-14			93
		1	.3	2	.5	ETOWAH AL		48			87
1	.6					FRANKLIN AL					
1	.6					HOUSTON AL					
1	.5					JACKSON AL					
4	.3	3	.2	3	.2	JEFFERSON AL	-37	7	-32	38	79
		1	.5			LAUDERDALE AL					
				1	1.1	LEE AL					94
1	1.0	1	.9			LIMESTONE AL	-12				
		1	.5	2	.2	MADISON AL		-60			80
		1*	1.2			MARION AL					
				2*	.7	MARSHALL AL					90
1	.2	2	.5			MOBILE AL	93				
1	.4					MONTGOMERY AL					
		1*	1.7	1*	1.5	PICKENS AL		-15			96
		1	.8			SHELBY AL					
				2	.6	TUSCALOOSA AL					89
		1	.4			WALKER AL					
				1*	1.1	WINSTON AL					94
				2	.3	ALASKA AK					
6	.1	12	.2	8	.1	ARIZONA AZ	50	-50	-25		
				1*	2.2	COCONINO AZ					98
1*	1.0					GILA AZ					
3	.1	11	.3	4	.1	MARICOPA AZ	231	-79	-31	39	75
				2	.1	PIMA AZ					78
1	.7					PINAL AZ					
1	.8	1	.5	1	.4	YUMA AZ	-33	-28	-51	25	86
20	.3	30*	.4	21	.2	ARKANSAS AR	38	-38	-14		
				1*	.9	ARKANSAS AR					92
3*	1.3	1	.5	1	.2	BENTON AR	-64	-56	-84	01	80
1*	1.1	1*	.9	1	.6	BOONE AR	-16	-40	-49	26	89
		1*	1.8			BRADLEY AR					
1*	1.4					CAPPOLL AR					
1	.8					CLAY AR					
		1*	2.3	1*	1.2	CLEBURNE AR		-45			95
		1*	2.5			CLEVELAND AR					
		1*	1.4			CONWAY AR					
1	.3	2*	.9	1	.4	CRAIGHEAD AR	210	-58	30	82	85
1*	.8					CROSS AR					
		1*	2.0			DREW AR					
		1	.8			FAULKNER AR					
1*	1.4					FRANKLIN AR					
		1	.2			GARLAND AR					
1	.7			1	.7	GREENE AR			-1	67	90
				3*	3.4	HEMPSTEAD AR					99
				2*	2.1	JACKSON AR					98
1	.8	2*	1.3			JEFFERSON AR	53				
1*	1.1	2*	2.9	1*	1.7	JOHNSON AR	164	-41	57	88	96
1*	1.1					LAWRENCE AR					
		1	.8			LOGAN AR					
		1*	1.4			MADISON AR					
				1*	1.4	MARION AR					96
1	.8					MILLER AR					
		1	.6			MISSISSIPPI AR					
				1*	1.8	MONROE AR					97
1*	2.1	1*	2.0			NEVADA AR	-3				
		2*	1.8			OUACHITA AR					
1*	1.1	1*	1.2			PHILLIPS AR	14				
2	.3	1	.1	1	.1	PULASKI AR	-67	8	-64	14	76
1*	1.7			1*	1.7	ST FRANCIS AR			3	69	97
				1*	1.6	SCOTT AR					96
		1	.3	1	.2	SEBASTIAN AP		-9			81
				1	.5	UNION AR					88
1	.5	3*	1.0	2	.5	WASHINGTON AR	128	-50	13	74	88
		1	.6			WHITE AR					
		1*	2.1			WOODRUFF AR					
		1*	1.1			YELL AR					
137	.3	149	.2	170	.2	CALIFORNIA CA	-17	-1	-18		
7	.2	3	.1	5	.1	ALAMEDA CA	-59	60	-34	37	77
		1*	1.7			AMADOR CA					
2	.4	2	.3	1	.2	BUTTE CA	-31	-39	-58	19	79
				1*	.7	CALAVERAS CA					90
		1	.1	4	.2	CONTRA COSTA CA		208			78
				2*	.6	EL DORADO CA					89

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
2	.2	5	.4	2	.1	FRESNO CA	149	-71	-28	42	76
				1*	1.2	GLENN CA					94
1	.2	2	.4			HUMBOLDT CA	143				
1	.4					IMPERIAL CA					
1*	1.4	1*	1.2	1*	1.7	INYO CA	-13	40	22	79	97
2	.2	2	.2	4	.3	KERN CA	-18	46	20	78	82
		1	.5			KINGS CA					
63	.3	61	.2	62*	.2	LOS ANGELES CA	-23	4	-20	50	81
		1	.5			MADERA CA					
1	.2	2	.4	1	.1	MARIN CA	92	-71	-43	31	76
				1	.4	MENDOCINO CA					85
2	.7	2	.6	1	.2	MERCED CA	-11	-62	-66	12	81
				1*	7.0	MONO CA					99
1	.2	1	.1	3	.3	MONTEREY CA	-15	100	70	89	82
		1	.2			NAPA CA					
4	.4	7	.2	15	.3	ORANGE CA	-48	25	-36	35	82
1	.5			2	.4	PLACER CA			-14	58	86
5	.4	3	.1	9	.3	RIVERSIDE CA	-70	151	-24	46	84
2	.1	3	.2	3	.1	SACRAMENTO CA	80	-27	31	82	77
1*	1.2					SAN BENITO CA					
4	.2	5	.2	8	.3	SAN BERNARDINO CA	-21	46	16	76	82
9	.3	11	.3	14	.2	SAN DIEGO CA	-21	-9	-28	42	81
9	.2	5	.1	5	.2	SAN FRANCISCO CA	-35	24	-19	52	79
		3	.2	1	.1	SAN JOAQUIN CA		-71			76
2	.7			1	.2	SAN LUIS OBISPO CA			-73	07	79
4	.3	5	.2	2	.1	SAN MATEO CA	-27	-44	-59	19	77
		5*	.5	1	.1	SANTA BARBARA CA		-83			76
3	.2	5	.2	8	.2	SANTA CLARA CA	6	4	10	73	80
1	.2	2	.4			SANTA CRUZ CA	130				
2*	.8	2	.6			SHASTA CA	-26				
1	1.2	1	.6			SISKIYOU CA	-49				
		1	.1			SONOMA CA					
1	.1	2	.2	3	.3	STANISLAUS CA	82	26	129	96	83
				1	.6	SUTTER CA					89
				1*	3.9	TRINITY CA					99
2	.2	1	.1	1	.1	TULARE CA	-48	-25	-61	17	76
3	.6			4	.2	VENTURA CA			-60	18	81
		2	.6			YOLO CA					
				1	.8	YUBA CA					91
22	.3	16	.2	13	.1	COLORADO CO	-38	-29	-56		
1	.7			1	.1	ADAMS CO			-80	03	78
1*	2.6			1*	3.1	BACA CO			19	78	98
				2	.5	BOULDER CO					87
6	.3	5	.2	2	.1	DENVER-ARAPAHOE#CO	-42	-57	-75	05	76
3	.6	2	.4	2	.2	EL PASO CO	-40	-37	-62	16	81
1	.7					FREMONT CO					
		1	.2	2	.1	JEFFERSON CO		-37			77
2	.8	2	.6			LARIMER CO	-30				
1	.6					LAS ANIMAS CO					
1*	1.3					LOGAN CO					
		1*	1.1			MONTROSE CO					
1	.9	1	.9			OTERO CO	-1				
				1*	11.8	OURAY CO					99
		1*	1.4			PROWERS CO					
1	.2	1	.2	2	.4	PUEBLO CO	36	90	158	97	86
1*	4.7					SAGUACHE CO					
		1*	2.1			WASHINGTON CO					
3*	.7	1	.3			WELD CO	-64				
23	.2	27	.2	7	.1	CONNECTICUT CT	-5	-76	-77		
4	.2	5	.2	1	.0	FAIRFIELD CT	-1	-81	-81	02	75
6	.2	5	.1			HARTFORD CT	-37				
2	.4	4*	.6	1	.1	LITCHFIELD CT	42	-77	-67	10	78
		3*	.6	1	.2	MIDDLESEX CT		-68			80
7	.2	5	.2	3	.1	NEW HAVEN CT	-30	-50	-65	13	76
3	.5	2	.2	1	.1	NEW LONDON CT	-57	-45	-76	04	77
1	.4	1	.5			TOLLAND CT	8				
		2	.5			WINDHAM CT					
2	.1	2	.1	4	.2	DELAWARE DE	-14	93	65		
1	.5			2*	.7	KENT DE			44	84	91
1	.1	2	.2	2	.2	NEW CASTLE DE	41	6	50	86	80
6	.4	1	.1			DIST. OF COLUMBIA DC	-81				
6	.4	1	.1			WASHINGTON DC	-81				
44	.3	62	.2	117*	.3	FLORIDA FL	-23	19	-8		
2*	.9	1	.5			ALACHUA FL	-49				
		1	.6			BAY FL					
3*	1.1			5*	.4	BREVARD FL			-61	16	86
2	.4	4	.2	15	.3	BROWARD FL	-42	43	-17	55	83
		1*	1.1			COLUMBIA FL					
6	.2	12	.2	15	.2	DADE FL	18	-8	9	73	79
1*	24.8					DIXIE FL					
3	.3	3	.3	3	.2	DUVAL FL	-8	-16	-23	48	80
2	.4	2	.4	2	.3	ESCAMBIA FL	-3	-21	-23	46	84
				1*	2.6	GULF FL					98
				1*	3.9	HAMILTON FL					99
1*	1.8					HARDEE FL					
				1*	2.0	HENDRY FL					97
				1	.4	HERNANDO FL					86
				2*	1.0	HIGHLANDS FL					93
5	.3	8*	.4	7	.3	HILLSBOROUGH FL	36	-32	-8	62	83
		1	.4			INDIAN RIVER FL					
1	2.2	1	1.0			JACKSON FL	-53				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	.6	1	.2			LAKE FL	-72				
		3*	.6	2	.2	LEE FL		-69			79
1	.7					LEON FL					
				1*	1.3	LEVY FL					95
1	.4	1	.1	4	.2	MANATEE FL	-73	141	-34	36	81
		1	.4	1	.3	MARION FL		-14			83
1	1.8					OKALOOSA FL					
4	.5	2	.1	5	.3	ORANGE FL	-73	125	-39	34	84
		2*	.8			OSCEOLA FL					
2	.2			13*	.5	PALM BEACH FL			98	93	87
		1	.2	3	.5	PASCO FL		166			88
3	.2	10	.3	22*	.4	PINELLAS FL	83	23	125	96	85
1	.2	1	.1	2	.1	POLK FL	-33	12	-25	45	77
				1	.6	ST JOHNS FL					90
1	.5			2	.8	ST LUCIE FL			49	86	91
		2	.3	2	.2	SARASOTA FL		-42			79
				1*	.7	SUMTER FL					91
3	.6	3	.3	5	.3	VOLUSIA FL	-50	3	-49	27	83
		1*	1.1			WALTON FL					
27	.3	28	.3	32	.2	GEORGIA GA	-3	-6	-9		
		1*	2.5			BARROW GA					
		1*	.8	1*	1.4	BARTOW GA		76			95
1	.2					BIBB GA					
		1*	12.4			BRANTLEY GA					
1*	2.4					BROOKS GA					
1*	3.5					BUTTS GA					
		1*	3.5			CAMDEN GA					
1	.7			1	.5	CARROLL GA			-23	47	88
1	.3			1	.3	CHATHAM GA			6	71	82
1*	1.5	1*	1.1			CHATTOOGA GA	-27				
				1	.4	CLARKE GA					87
				1	.6	CLAYTON GA					89
2	.6			1	.1	COBB GA			-92	00	75
1	1.2					COLQUITT GA					
				1*	2.0	DADE GA					97
2	.2	1	.1	3	.4	DE KALB GA	-53	354	112	95	86
1	1.3			1	.7	DOUGHERTY GA			-41	32	91
				1*	1.6	ELBERT GA					96
		1	.3	2*	.6	FLOYD GA		87			90
3	.2	7*	.5	4	.2	FULTON GA	137	-51	15	75	81
1*	1.1	1*	1.3			GORDON GA	19				
1*	1.7	1*	1.0			HABERSHAM GA	-41				
				1*	1.6	HART GA					96
1*	5.1					HEARD GA					
				1	.3	HOUSTON GA					84
1*	1.3			1*	1.0	JACKSON GA			-26	44	93
1*	3.6					LAMAR GA					
1*	9.3					LIBERTY GA					
		1*	5.5			LINCOLN GA					
2*	1.8			1	.8	LOWNDES GA			-57	20	91
		1*	1.7	1*	2.1	MERIWETHER GA		25			98
				1	.2	MUSCOGEE#GA					79
1*	1.4					NEWTON GA					
1*	3.1					PICKENS GA					
		1	.3			RICHMOND GA					
				1*	2.8	SEMINOLE GA					98
1*	1.0	1	1.7			SPALDING GA	69				
				1*	1.4	SUMTER GA					95
		1*	2.3			TELFAIR GA					
				1*	1.1	TIFT GA					94
		1*	1.5	1*	1.3	TOOMBS GA		-15			95
		1	1.1	1	.5	TROUP GA		-56			88
		1*	1.2			UPSON GA					
				2*	1.3	WALKER GA					95
1*	1.5	2*	2.0	1*	.8	WARE GA	29	-61	-50	26	91
		1	.7			WHITFIELD GA					
		1*	3.7			WILKINSON GA					
		1	.1			HAWAII HI					
		1	.1			HONOLULU HI					
5	.2	7	.2	5	.1	IDAHO ID	21	-37	-24		
1	.3	1	.2			ADA ID	-11				
1	.3					BANNOCK ID					
				1*	2.6	BEAR LAKE ID					98
				1*	.9	BINGHAM ID					92
		1*	1.0			BONNER ID					
1	.9					BONNEVILLE ID					
		1*	1.5			IDAHO ID					
1*	3.0					JEROME ID					
1	.6	2*	1.0			KOOTENAI ID	66				
				1*	2.1	MADISON ID					97
		1*	1.1			PAYETTE ID					
				1*	.8	SHOSHONE ID					92
		1	.5	1	.4	TWIN FALLS ID		-15			86
111	.3	92	.2	74	.2	ILLINOIS IL	-25	-22	-41		
1	.2	3*	.9	2	.5	ADAMS IL	273	-46	100	93	87
1*	2.6					CALHOUN IL					
		1*	.8	1*	.9	CARROLL IL		17			93
		1	.2			CHAMPAIGN IL					
		1	.5	1	.5	CHRISTIAN IL		2			87
				1	.7	CLINTON IL					90
57	.3	34	.2	32	.2	COOK IL	-44	4	-42	31	79
		1	.8			CRAWFORD IL					
		2*	.8			DE KALB IL					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
1	1.0					DE WITT IL					
		2	.1	1	.0	DU PAGE IL		-72			75
		3*	2.4			EDGAR IL					
		1	.7			EFFINGHAM IL					
2	1.2					FRANKLIN IL					
		1	.4	1	.5	FULTON IL		14			87
				2*	4.2	GALLATIN IL					99
1*	1.1					HAMILTON IL					
2	.7	3*	1.1	2*	.7	HENRY IL	57	-37	-1	66	90
		2*	1.1			IROQUOIS IL					
1	1.1					JACKSON IL					
1	.6					JEFFERSON IL					
2	.4	3	.4	3	.3	KANE IL	0	-23	-23	47	83
1	.3					KANKAKEE IL					
6*	.6	4	.4	3	.2	LAKE IL	-44	-37	-65	13	80
1	.2	1	.2			LA SALLE IL	-29				
1	1.1			2*	1.1	LEE IL			-1	66	94
		1	.6	1	.6	LOGAN IL		6			89
				1	.6	MC DONOUGH IL					89
3*	1.1			1	.2	MC HENRY IL			-84	02	79
1	.3	2	.5	1	.3	MC LEAN IL	80	-46	-4	65	82
				2	.4	MACON IL					85
2	.4			1	.1	MADISON IL			-78	04	76
		1	.4	2*	.8	MARION IL		105			92
1*	1.8	1*	1.6			MENARD IL	-13				
1	.9					MERCER IL					
1*	1.1					MONROE IL					
		1	.6			MORGAN IL					
		1	.5			OGLE IL					
1	.1	1	.1	3	.3	PEORIA IL	1	225	229	98	84
				1*	1.3	PIATT IL					95
1	.8					PIKE IL					
1*	2.4					PULASKI IL					
				1	.6	RANDOLPH IL					89
2	.3	3	.4	1	.1	ROCK ISLAND IL	54	-65	-46	29	78
2	.3	5*	.5	2	.2	ST CLAIR IL	112	-55	-5	64	81
2*	1.4	2*	1.0			SALINE IL	-30				
2	.3	1	.2	1	.1	SANGAMON IL	-44	-19	-55	22	77
		2*	4.5			SCHUYLER IL					
		1*	3.1			SCOTT IL					
				1*	2.1	STARK IL					97
		1	.4			STEPHENSON IL					
2	.5	1	.2	1	.1	TAZEWELL IL	-58	-39	-74	05	77
2	.5	1	.2			VERMILION IL	-62				
		1*	1.3			WASHINGTON IL					
1	.2			1	.3	WHITESIDE IL			51	87	84
4	.6	2	.3			WILL IL	-50				
2	.7					WILLIAMSON IL					
2	.2			2	.2	WINNEBAGO IL			16	76	80
		1	.8			WOODFORD IL					
50	.3	37	.2	38	.2	INDIANA IN	-32	-2	-33		
1	.9					ADAMS IN					
1	.1	4	.4	2	.2	ALLEN IN	280	-48	98	93	81
		1	.4	1	.4	BARTHOLOMEW IN		2			85
				1*	1.7	BENTON IN					96
1*	1.5					BLACKFORD IN					
		1*	1.0			CARROLL IN					
				1	.6	CASS IN					89
				1	.3	CLARK IN					84
2*	1.3	1	.6			CLAY IN	-53				
		1	.5	1	.6	CLINTON IN		13			89
1	.7					DE KALB IN					
1	.3					DELAWARE IN					
1	.8					DUBOIS IN					
				1	.2	ELKHART IN					79
1	1.0					FOUNTAIN IN					
				1*	1.1	FRANKLIN IN					94
1	.7	1	.5			GIBSON IN	-21				
2	.6	1	.3			GRANT IN	-54				
		1	.5			HAMILTON IN					
				2*	1.8	HARRISON IN					97
1	.5	2*	1.1			HENDRICKS IN	118				
1	.5					HOWARD IN					
1	.7	1	.8			JAY IN	10				
		1	.8			JEFFERSON IN					
2*	1.1					JOHNSON IN					
				2*	1.0	KNOX IN					93
1	.7					KOSCIUSKO IN					
5	.3	3	.1	2	.1	LAKE IN	-48	-31	-64	14	76
2	.5	1	.2	1	.2	LA PORTE IN	-51	-5	-54	23	80
1	.6					LAWRENCE IN					
		1	.2	2	.4	MADISON IN		120			85
10	.4	4	.2	7	.3	MARION IN	-65	73	-40	33	82
				1	.5	MARSHALL IN					88
1	.6			1	.6	MIAMI IN			9	73	89
1	.5					MONTGOMERY IN					
		2*	1.2			NOBLE IN					
				1*	.9	ORANGE IN					92
				2*	2.9	PIKE IN					98
		1	.4			PORTER IN					
1	.9	1*	1.0			POSEY IN	9				
				1*	.7	PUTNAM IN					91
				1*	1.0	RIPLEY IN					93
2	.2	1	.1	1	.1	ST JOSEPH IN	-44	-20	-55	21	76
1	.5	1	.6			SHELBY IN	24				
		1*	1.1			SPENCER IN					
		1	.6			SULLIVAN IN					
		1*	2.7			SWITZERLAND IN					
2	.7					TIPPECANOE IN					

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1*	1.2	1*	1.2			TIPTON IN	-4				
2	.3	1	.1	1	.1	VANDERBURGH IN	-54	-1	-55	22	77
1	.2	1	.2	2	.4	VIGO IN	-16	128	91	92	85
1	1.5					WASHINGTON IN					
				1	.3	WAYNE IN					82
1	.8					WELLS IN					
				1*	1.0	WHITE IN					93
		1*	1.1			WHITLEY IN					
35	.3	26	.2	20	.1	IOWA IA	-30	-25	-47		
				1*	1.4	ADAIR IA					95
		1*	1.0			APPANOOSE IA					
1	.7	1	.8			BENTON IA	24				
2	.5			1	.2	BLACK HAWK IA			-68	09	78
1	.6					BOONE IA					
2*	1.7					BUCHANAN IA					
		2*	1.6			BUENA VISTA IA					
				1*	.8	CASS IA					92
		1*	.8			CEDAR IA					
1	.4					CERRO GORDO IA					
				1*	1.1	CHICKASAW IA					94
		1	.3	1	.4	CLINTON IA		21			65
1	1.0					CRAWFORD IA					
1	.5					DES MOINES IA					
				1*	1.1	DICKINSON IA					94
				1	.3	DUBUQUE IA					82
1*	1.4					EMMET IA					
		1	.5			FAYETTE IA					
				1*	.9	FLOYD IA					93
		1*	1.5			FRANKLIN IA					
1*	1.3					HANCOCK IA					
		1	.7			HARDIN IA					
		1*	1.0			HARRISON IA					
1*	1.4					IDA IA					
		1*	1.9			IOWA IA					
				1*	.9	JONES IA					93
1	.9					KOSSUTH IA					
1	.6	1	.5	1	.5	LEE IA	-20	4	-17	54	87
1*	1.9					LOUISA IA					
		1*	1.1			MADISON IA					
		1	.7			MAHASKA IA					
1	.5	1	.5	1	.5	MARSHALL IA	14	2	16	76	88
1*	1.9			1*	1.5	MILLS IA			-18	53	96
1*	1.1					MONONA IA					
1*	1.0					MONTGOMERY IA					
1	.5					MUSCATINE IA					
		1	.7			PAGE IA					
1*	1.3					PALO ALTO IA					
1*	1.6					POCAHONTAS IA					
3	.4	2	.2	4	.3	POLK IA	-56	74	-24	46	84
2	.5	1	.2			POTTAWATTAMIE IA	-49				
		1*	.9			POWESHIEK IA					
				1*	1.5	RINGGOLD IA					96
		1*	1.1	1*	1.3	SAC IA		19			95
2	.4	3	.5	1	.2	SCOTT IA	38	-69	-57	21	78
1*	1.2					SHELBY IA					
1	.8					SIOUX IA					
1	.5					STORY IA					
1*	1.1					TAYLOR IA					
1	1.0					WASHINGTON IA					
				1*	1.6	WAYNE IA					96
1	.2	1	.2			WOODBURY IA	-20				
		1*	.9			WRIGHT IA					
29	.3	25	.2	21	.2	KANSAS KS	-21	-20	-37		
1	.8					ATCHISON KS					
		1*	2.5	1*	1.8	BARBER KS		-28			97
				1	.6	BARTON KS					89
1*	1.0					BROWN KS					
		1	.5			BUTLER KS					
1	.9					CHEROKEE KS					
1*	1.6	1*	1.1			CLAY KS	-32				
1	1.0	1*	.9	1*	1.3	CLOUD KS	-11	41	25	80	95
		1*	1.2			COFFEY KS					
1	.5	1	.5			COWLEY KS	8				
1	.4			1	.4	CRAWFORD KS			-5	64	86
1	1.4	1	.6			DICKINSON KS	-54				
1	.7					DOUGLAS KS					
1*	2.9					EDWARDS KS					
1*	.7	1*	1.3			ELLIS KS	88				
1	.9					FORD KS					
1	.7					FRANKLIN KS					
1*	5.3					GRAY KS					
1*	1.1	1*	1.2			GREENWOOD KS	11				
		1	.7			HARVEY KS					
1*	1.2					JACKSON KS					
1*	1.5					JEWELL KS					
		3	.8			JOHNSON KS					
1*	3.5					KIOWA KS					
		1	.4			LEAVENWORTH KS					
		1*	2.0			LINCOLN KS					
1	.9	1	.7			LYON KS	-20				
1	.6			1	.4	MONTGOMERY KS			-38	35	84
		1*	1.1			NEMAHA KS					
		2*	2.5			OSAGE KS					
				2*	4.4	OSBORNE KS					99
1*	1.4					PAWNEE KS					
		1	.4			RENO KS					
				1*	2.0	REPUBLIC KS					97

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				1*	1.2	RICE KS					94
2	.2	3	.2	3	.2	SEDGWICK KS	29	7	38	83	80
4*	.8			2	.3	SHAWNEE KS			-62	16	83
		1*	3.7			SHERIDAN KS					
				1*	1.7	SMITH KS					96
				1*	1.8	WABAUNSEE KS					97
1*	1.3					WILSON KS					
1	.1	1	.1	5*	.8	WYANDOTTE KS	2	687	703	99	92
34	.3	39	.3	48*	.3	KENTUCKY KY	-1	14	13		
		1*	1.3	1*	1.2	ADAIR KY		-7			94
				1	.7	BARREN KY					90
				1	.6	BELL KY					90
1	.3			3*	1.2	BOYD KY			305	99	94
1*	1.2	1*	1.3			BULLITT KY	7				
				2	.5	CAMPBELL KY					88
		1	.5	1	.6	CHRISTIAN KY		9			89
				1*	.9	CLAY KY					92
		1*	1.5			CRITTENDEN KY					
1	.3					DAVIESS KY					
1*	1.9					EDMONSON KY					
		1	.2	1	.1	FAYETTE KY		-36			77
		1	.6			FLOYD KY					
		1	.9	4*	2.7	FRANKLIN KY		200			98
1*	2.0					GARRARD KY					
1*	1.5					GRANT KY					
		1	.8			GREENUP KY					
1*	3.4					HANCOCK KY					
1	1.0					HARDIN KY					
1	.5			1	.9	HARLAN KY			72	90	93
				1*	1.1	HARRISON KY					94
		1*	1.5			HART KY					
		1*	1.4			HENRY KY					
1	.6	1	.5	1	.5	HOPKINS KY	-19	3	-17	55	87
		1*	2.0			JACKSON KY					
3	.2	9	.4	8	.3	JEFFERSON KY	90	-7	77	91	84
				3*	3.9	JESSAMINE KY					99
1*	2.3					JOHNSON KY					
3	.6	2	.3	2	.4	KENTON KY	-52	35	-35	36	86
1	.9					KNOX KY					
1*	4.1					LEE KY					
				1*	1.2	LESLIE KY					95
		1	.8	2*	1.6	LETCHER KY		106			96
1*	1.2					LINCOLN KY					
		1*	.9			LOGAN KY					
1	.5			1	.4	MC CRACKEN KY			-26	44	84
		1*	1.9			MC CREARY KY					
1*	1.9					MC LEAN KY					
1	.5					MADISON KY					
		1*	1.5	1*	1.7	MARION KY		12			96
		1*	.9	1*	.7	MARSHALL KY		-17			91
1*	1.3	1*	1.0			MASON KY	-18				
		1*	4.1			MENIFEE KY					
1*	1.3	1*	1.3	2*	2.3	MERCER KY	1	71	74	90	98
				1*	1.7	METCALFE KY					97
		1*	1.4			MONTGOMERY KY					
1	.6					MUHLENBERG KY					
		1*	1.2			NELSON KY					
		1	.8			OHIO KY					
		1*	2.0			PENDLETON KY					
				1*	.8	PERRY KY					91
2	.6			3*	1.1	PIKE KY			74	90	94
		2*	1.5			PULASKI KY					
1*	1.6					ROCKCASTLE KY					
				1*	3.5	SPENCER KY					99
1*	2.1			1*	1.7	TODD KY			-18	53	96
1*	3.3					TRIMBLE KY					
				1*	1.5	UNION KY					96
				1	.4	WARREN KY					86
1*	1.1	1*	1.6			WAYNE KY	41				
1*	1.1					WEBSTER KY					
1	1.0					WHITLEY KY					
		1*	1.6			WOODFORD KY					
23	.3	23	.3	13	.1	LOUISIANA LA	-15	-56	-63		
		1	.5			ACADIA LA					
				1*	2.0	ASSUMPTION LA					97
		1*	1.2			BEAUREGARD LA					
		1	1.6			BOSSIER LA					
1	.2					CADDO LA					
1	.3	2	.5			CALCASIEU LA	91				
1*	3.1					CALDWELL LA					
1*	1.8					CLAIBORNE LA					
		1*	1.8			DE SOTO LA					
1	.3	2	.3	1	.1	EAST BATON ROUGE LA	-21	-67	-73	06	76
		1*	1.4			EVANGELINE LA					
		1	.6	1	.6	IBERIA LA		9			90
				4	.3	JEFFERSON LA					84
1	.2					LAFAYETTE LA					
1	.5	1	.5			LAFOURCHE LA	-4				
1*	1.4					LINCOLN LA					
1*	1.2					LIVINGSTON LA					
				1*	2.8	MADISON LA					98
2*	2.3					NATCHITOCHES LA					
3	.2	3	.2			ORLEANS LA	4				
		1	.6			OUACHITA LA					
1*	1.9	1*	1.8			POINTE COUPEE LA	-9				
3*	1.1					RAPIDES LA					
1*	2.2					RICHLAND LA					

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		1*	1.7			ST BERNARD	LA					
		1*	1.7			ST CHARLES	LA					
		3*	2.0	2*	1.1	ST LANDRY	LA		-45			94
1	1.8					ST MARY	LA					
1	.8					ST TAMMANY	LA					
		1	.5			VERMILION	LA					
		1*	1.1	1*	.9	VERNON	LA		-15			93
1	.6					WASHINGTON	LA					
				1	.5	WEBSTER	LA					88
				1*	1.7	WEST BATON ROUGE	LA					97
1*	1.4					WEST CARROLL	LA					
9	.2	8	.2	7	.1	MAINE	ME	-11	-17	-26		
3*	.8	1	.2			ANDROSCOGGIN	ME	-67				
		1	.3			AROOSTOOK	ME					
		1	.1	2	.2	CUMBERLAND	ME		109			80
				1	.4	HANCOCK	ME					86
1	.2			2	.4	KENNEBEC	ME			55	87	85
		1	.5			KNOX	ME					
1	.8	1	.6			LINCOLN	ME	-14				
1	.3					OXFORD	ME					
1	.1	2	.4	1	.2	PENOBSCOT	ME	223	-54	48	85	79
		1	.5			SOMERSET	ME					
2*	1.9					WALDO	ME					
				1	.2	YORK	ME					79
24	.3	21	.2	26	.2	MARYLAND	MD	-31	6	-27		
1	.3	2	.5	2	.5	ALLEGANY	MD	93	-2	89	92	87
				3	.3	ANNE ARUNDEL	MD					83
2	.1	4	.2	3	.1	BALTIMORE	MD	117	-48	12	74	76
1*	1.3					CAROLINE	MD					
		1*	1.3			CHARLES	MD					
1	.7			2*	1.4	DORCHESTER	MD			89	92	95
1	.4			1	.2	FREDERICK	MD			-40	33	81
1	.9			1	.4	HOWARD	MD			-54	23	86
1	.1	2	.1	3	.1	MONTGOMERY	MD	121	10	142	96	77
		2	.2			PRINCE GEORGE'S	MD					
				1	.8	ST MARY'S	MD					92
1*	1.5	1*	1.2			SOMERSET	MD	-20				
1	.2	1	.2	1	.2	WASHINGTON	MD	-7	11	2	69	80
3*	1.7	1	.6			WICOMICO	MD	-68				
11	.4	7	.2	9*	.4	BALTIMORE CITY	MD	-37	51	-5	64	84
44	.2	44	.2	41	.2	MASSACHUSETTS	MA	-8	-8	-16		
		2	.5	1	.1	BARNSTABLE	MA		-76			77
		1	.1			BERKSHIRE	MA					
2	.1	3	.2	7	.3	BRISTOL	MA	85	86	245	98	84
9	.3	6	.2	5	.2	ESSEX	MA	-39	-14	-48	27	79
2	.7			1	.3	FRANKLIN	MA			-58	19	83
6	.3	5	.2	2	.1	HAMPDEN	MA	-28	-58	-70	07	76
		1	.2			HAMPSHIRE	MA					
12	.2	7	.1	6	.1	MIDDLESEX	MA	-41	-23	-54	23	76
4	.2	5	.2	7	.3	NORFOLK	MA	-17	37	13	74	82
		2	.1	3	.2	PLYMOUTH	MA		32			79
4	.1	2	.1	5	.2	SUFFOLK	MA	-54	222	49	86	78
5	.2	10	.3	4	.1	WORCESTER	MA	104	-64	-26	44	77
73	.2	90	.3	46	.1	MICHIGAN	MI	13	-51	-44		
		1	.3	1	.3	ALLEGAN	MI		-3			83
1*	2.7					BARAGA	MI					
				1	.6	BARRY	MI					89
3	.5	1	.2	1	.2	BERRIEN	MI	-66	-7	-68	09	78
1	.6	1	.6			BRANCH	MI	-2				
2	.4	2	.4	1	.2	CALHOUN	MI	-3	-43	-45	30	80
		1*	1.4			CHARLEVOIX	MI					
		1*	1.1			CLARE	MI					
1	.7	1	.3			CLINTON	MI	-51				
		2*	1.0			DELTA	MI					
1	.7					DICKINSON	MI					
1	.5	1	.5	2*	.8	EATON	MI	-1	68	66	89	91
1	.1	3	.2	1	.1	GENESEE	MI	225	-60	29	82	76
				1	.5	GRAND TRAVERSE	MI					88
1	.4	2*	.9			HOUGHTON	MI	100				
1	.6	1	.5			HURON	MI	-14				
3	.3	3	.4			INGHAM	MI	18				
1	.5	1	.3			IONIA	MI	-25				
		1*	1.1			IOSCO	MI					
2*	1.5					IRON	MI					
		1	.5			ISABELLA	MI					
1	.2	3	.5			JACKSON	MI	139				
4*	.7	2	.3			KALAMAZOO	MI	-62				
3	.2	2	.1	1	.1	KENT	MI	-19	-55	-63	15	75
		2	.5	1	.3	LENAWEE	MI		-43			83
1	1.0					LIVINGSTON	MI					
5	.4	4	.3	2	.1	MACOMB	MI	-28	-79	-85	01	75
1	.9			2*	.5	MARQUETTE	MI			-40	33	88
				1	.7	MASON	MI					91
1	1.1					MECOSTA	MI					
1	.6	1	.6			MENOMINEE	MI	6				
1*	4.4					MISSAUKEE	MI					
1	.3	1	.4			MONROE	MI	50				
1	.2	2	.3	1	.1	MUSKEGON	MI	47	-51	-28	42	78
				1	.6	NEWAYGO	MI					89
10*	.4	10	.4	7	.2	OAKLAND	MI	8	-59	-55	21	79
		2*	3.7			OGEMAW	MI					
1	.3	2	.5			OTTAWA	MI	92				
2	.4					SAGINAW	MI					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1	.2	1	.2	ST CLAIR MI		-15			78
1	.5					ST JOSEPH MI					
				1	.4	SANILAC MI					86
		2*	.8			SHIAWASSEE MI					
4*	1.8	1	.4	1	.5	TUSCOLA MI	-75	4	-74	05	87
				1	.4	VAN BUREN MI					87
				1	.2	WASHTENAW MI					79
15	.1	32*	.3	17	.2	WAYNE MI	132	-38	45	85	80
1	.9					WEXFORD MI					
51	.3	47	.3	49*	.3	MINNESOTA MN	-19	-3	-22		
				1*	1.8	AITKIN MN					97
1	.9			2	.7	ANOKA MN			-15	57	91
		2*	1.6			BECKER MN					
2*	1.5	1	.8			BELTRAMI MN	-45				
		1*	1.1			BENTON MN					
				1*	1.1	BIG STONE MN					94
1	.6	1	.4			BLUE EARTH MN	-27				
				1	.6	BROWN MN					89
1	.8					CASS MN					
1*	1.1					CHIPPEWA MN					
				1*	.6	CHISAGO MN					89
				1	.5	CLAY MN					88
		1*	1.4			CLEARWATER MN					
1*	2.1			1*	1.4	COTTONWOOD MN			-34	37	95
		1	.7	2*	.8	CROW WING MN		13			91
		2	.4	2	.4	DAKOTA MN		-12			85
1	.8	2*	1.4			DOUGLAS MN	82				
		1	.7	1*	.7	FARIBAULT MN		1			91
1	.9					FILLMORE MN					
		1	.5	1	.5	FREEBORN MN		-12			87
		1	.5			GOODHUE MN					
7	.2	7	.2	6	.2	HENNEPIN MN	-16	-11	-25	45	78
				3*	3.1	HOUSTON MN					99
1*	1.3					ISANTI MN					
2*	1.2					ITASCA MN					
		1*	1.1			JACKSON MN					
1	.6	1	.6			KANDIYOHI MN	-5				
		1*	1.4			LAC QUI PARLE MN					
1	.8					LE SUEUR MN					
		1	.8			LYON MN					
		2*	1.3			MC LEOD MN					
				1*	1.1	MARSHALL MN					94
1	1.0					MEEKER MN					
2*	1.5	1	.6			MORRISON MN	-56				
2*	1.0	1	.3			MOWER MN	-72				
1	.9					NOBLES MN					
1	.4	1	.4	1	.3	OLMSTED MN	-7	-14	-20	51	84
				1	.2	OTTER TAIL MN					80
		1*	1.4			PENNINGTON MN					
		1*	.7	1*	.7	PINE MN		3			90
1*	1.4			1*	1.1	PIPESTONE MN			-23	47	94
				1	.6	POLK MN					89
				1*	1.0	POPE MN					93
5	.3	7	.4	6	.3	RAMSEY MN	7	-16	-10	61	83
1	.9					REDWOOD MN					
1*	1.6					ROCK MN					
4	.3	1	.1	4	.3	ST LOUIS MN	-72	284	8	72	84
		2*	1.6			SCOTT MN					
		1*	1.3			SHERBURNE MN					
4*	1.2			4*	.9	STEARNS MN			-29	40	92
				1*	1.6	STEVENS MN					96
3*	2.8			1*	.9	WABASHA MN			-67	10	92
		1*	1.3			WADENA MN					
		1	.5	1	.4	WASHINGTON MN		-18			85
1*	1.8					WILKIN MN					
2*	1.0			2*	.8	WINONA MN			-17	54	91
1	.5	1	.4			WRIGHT MN	-16				
		1*	1.1			YELLOW MEDICINE MN					
19	.4	19	.3	15	.2	MISSISSIPPI MS	-25	-34	-51		
1	.8			1*	1.0	ALCORN MS			16	77	93
				1*	1.0	ATTALA MS					93
		1*	3.5			BENTON MS					
		1*	3.1	1*	3.3	CHOCTAW MS		6			99
1*	5.1					CLAIBORNE MS					
				1*	2.2	COVINGTON MS					98
1	.4					FORREST MS					
				1*	1.7	GRENADA MS					96
		1*	2.9			HANCOCK MS					
2	.7			1	.2	HARRISON MS			-74	06	79
				1	.2	HINDS MS					78
1*	2.9					HOLMES MS					
		1*	1.8			ITAWAMBA MS					
1	.7			2*	.8	JACKSON MS			14	75	92
		1*	2.0			JASPER MS					
1	.6					JONES MS					
		1*	1.6			LAFAYETTE MS					
2*	1.2			1	.4	LAUDERDALE MS			-66	12	86
				1*	2.6	LAWRENCE MS					98
1*	3.2					LEAKE MS					
1	.8	2*	1.6			LEE MS	88				
				1*	1.0	LINCOLN MS					93
		1*	.9			LOWNDES MS					
		1*	1.3			MARION MS					
1*	5.7	1*	2.2			MARSHALL MS	-62				
		1*	1.0	1*	1.2	NESHOBA MS		21			95
		1*	1.2			NEWTON MS					
		1*	1.2			PRENTISS MS					

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WHITE MALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
1*	1.6					SCOTT MS					
		2*	2.7			SUNFLOWER MS					
1*	3.0					TATE MS					
1*	1.3					TISHOMINGO MS					
				1*	1.1	WARREN MS					94
1*	2.5	1*	1.8	1*	1.7	WAYNE MS	-30	-5	-34	37	96
1*	3.2					WEBSTER MS					
		1*	1.8			WINSTON MS					
1*	2.7					YALOBUSHA MS					
		1*	2.0			YAZOO MS					
63	.3	34	.2	32	.1	MISSOURI MO	-51	-8	-55		
		1	.8			ADAIR MO					
1*	1.1	1*	1.4			ANDREW MO	29				
				1*	2.9	ATCHISON MO					98
		1	.8			BARRY MO					
		1	.7			BATES MO					
		1*	1.7			BOLLINGER MO					
1	.4					BOONE MO					
		1	.7			BUTLER MO					
1*	2.0			1*	1.8	CALDWELL MO			-12	60	97
2*	1.5					CALLAWAY MO					
1*	2.4					CAMDEN MO					
1	.6	1	.5			CAPE GIRARDEAU MO	-17				
1	1.2	1*	.9			CARROLL MO	-26				
1*	1.2					CEDAR MO					
2*	2.4					CHARITON MO					
		1	.4			CLAY MO					
1	.6					COLE MO					
1	.4	2*	1.1	1	.5	DUNKLIN MO	172	-56	20	78	88
2*	1.5	1	.4	1	.3	FRANKLIN MO	-75	-27	-81	02	82
1	.2	1	.2			GREENE MO	-20				
2*	3.5					HOLT MO					
1	.8	1	.6			HOWELL MO	-18				
7	.3	8	.3	2	.1	JACKSON MO	5	-68	-66	12	76
3*	.7			2	.5	JASPER MO			-24	45	88
1	.3	1	.3			JEFFERSON MO	8				
1	.7			1	.9	JOHNSON MO			29	82	92
		1*	2.0			KNOX MO					
1	.6	1	.6			LAFAYETTE MO	-2				
1*	1.5			1*	1.2	LEWIS MO			-22	48	94
				1*	2.2	MARIES MO					98
1	.6					MARION MO					
				1*	2.0	MONITEAU MO					97
1*	2.1					MONROE MO					
2*	2.4					MONTGOMERY MO					
				1*	.8	MORGAN MO					92
		1*	1.1			NEW MADRID MO					
1	.8			1	.6	NEWTON MO			-27	43	89
				1*	1.0	OREGON MO					93
				1*	1.7	OZARK MO					97
1*	1.3					PERRY MO					
1	.5					PETTIS MO					
				1	.8	PHELPS MO					91
1	.9			1*	1.1	PIKE MO			21	79	94
		1	1.1			PLATTE MO					
2*	2.5					POLK MO					
		1*	1.7			PULASKI MO					
				1*	1.0	RAY MO					93
1*	1.3					RIPLEY MO					
1	.6					ST CHARLES MO					
5	.3			6	.2	ST LOUIS COUNTY MO			-47	28	78
2*	1.0			1	.6	SCOTT MO			-38	35	89
		1*	1.9	1*	1.1	STONE MO		-44			94
		1*	1.5			SULLIVAN MO					
				1*	.7	VERNON MO					90
2*	2.3					WEBSTER MO					
1*	1.2					WRIGHT MO					
8	.2	4	.2	4	.2	ST LOUIS CITY MO	-31	23	-16	56	79
14*	.4	6	.2	6	.2	MONTANA MT	-59	-3	-60		
		1	.4	1	.3	CASCADE MT		-10			84
1*	1.6					CUSTER MT					
1*	8.6					FALLON MT					
		1*	1.0			FERGUS MT					
2*	1.1					FLATHEAD MT					
				1	.9	GALLATIN MT					92
				1*	3.2	GLACIER MT					99
1*	4.6					JEFFERSON MT					
		1*	5.4			JUDITH BASIN MT					
1*	1.4					LAKE MT					
1*	4.5					MC CONE MT					
1*	2.0					MADISON MT					
				2*	.8	MISSOULA MT					91
1*	1.2	1*	1.4			PARK#MT	9				
		1*	1.3			RAVALLI MT					
1	.4	1	.4			SILVER BOW MT	7				
1*	3.4					STILLWATER MT					
3*	1.2			1	.3	YELLOWSTONE MT			-78	03	82
14	.2	22	.3	25*	.3	NEBRASKA NB	49	8	61		
				1*	2.7	ANTELOPE NB					98
		1*	4.1			BROWN NB					
		1*	2.0			BURT NB					
1	.8	1*	.9			CASS NB	4				
1*	1.4					CEDAR NB					
				1*	1.4	CUMING NB					95
1	1.1	1*	1.1			CUSTER NB	3				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
		1*	2.0			DAKOTA	NB					
				1*	.8	DAWSON	NB					91
				1*	4.5	DEUEL	NB					99
				1	.5	DODGE	NB					87
4	.3	4	.3	7*	.5	DOUGLAS	NB	-9	80	63	88	88
				1*	1.3	FURNAS	NB					95
		1	.5	1	.5	GAGE	NB		3			88
				1*	2.1	HAMILTON	NB					98
1*	1.4			1*	1.1	HOLT	NB			-23	48	94
1	.1	1	.1	1	.1	LANCASTER	NB	22	-14	5	69	77
		1	.7			LINCOLN	NB					
1	.7					MADISON	NB					
				1*	1.9	MERRICK	NB					97
		1*	1.5			NUCKOLLS	NB					
				1*	.9	OTOE	NB					92
		2*	8.0	1*	3.0	PAWNEE	NB		-62			98
2*	4.0			1*	2.0	PIERCE	NB			-51	25	97
		2*	1.4			PLATTE	NB					
1*	2.3					POLK	NB					
				1*	1.3	RED WILLOW	NB					95
		1*	.9	1*	1.1	SALINE	NB		33			94
				1	.6	SAPPY	NB					89
		1*	.9			SAUNDERS	NB					
		1	.6	1	.5	SCOTTS BLUFF	NB		-9			88
		1*	1.4			THAYER	NB					
		1*	1.4			WASHINGTON	NB					
1*	2.0					WEBSTER	NB					
1	.1	2	.1	1	.0	NEVADA	NV	-15	-65	-70		
		1	.1			CLARK	NV					
1*	3.8					LYON	NV					
		1	.2	1	.1	WASHOE	NV		-20			78
8	.3	9	.3	7	.2	NEW HAMPSHIRE	NH	7	-34	-30		
1	.6					BELKNAP	NH					
		1*	1.0	1	.8	CARROLL	NH		-22			91
1	.4	2*	.8	1	.4	GRAFTON	NH	93	-45	5	70	86
4	.5	4	.4	2	.2	HILLSBOROUGH	NH	-15	-53	-60	18	80
		1	.2	1	.2	MERRIMACK	NH		-25			79
		1	.2	1	.2	ROCKINGHAM	NH		-12			79
1	.4					STRAFFORD	NH					
1	.6			1	.5	SULLIVAN	NH			-21	49	88
52	.2	62	.2	56	.2	NEW JERSEY	NJ	-4	-14	-18		
		3	.4	2	.2	ATLANTIC	NJ		-41			80
6	.2	4	.1	3	.1	BERGEN	NJ	-54	-27	-66	11	75
2	.3	7*	.9	3	.3	BURLINGTON	NJ	158	-65	-11	60	83
5	.6	1	.1	1	.1	CAMDEN	NJ	-89	0	-89	00	75
1	.5			1	.4	CAPE MAY	NJ			-24	46	85
2	.5			3*	.5	CUMBERLAND	NJ			17	77	88
6	.2	8	.2	3	.1	ESSEX	NJ	19	-48	-38	34	76
1	.2			1	.2	GLOUCESTER	NJ			7	71	80
10	.4	7	.2	7	.3	HUDSON	NJ	-39	48	-10	62	84
3	.3			4	.4	MERCER	NJ			41	84	85
1	.1	6	.3	4	.2	MIDDLESEX	NJ	346	-54	107	94	78
3	.2	4	.3	4	.2	MONMOUTH	NJ	25	-33	-16	55	80
		4	.4	1	.1	MORRIS	NJ		-77			76
1	.2	2	.2	4	.3	OCEAN	NJ	15	9	26	80	82
4	.2	4	.2	3	.2	PASSAIC	NJ	-20	-23	-38	34	78
2	.3	5*	.8	5*	.7	SOMERSET	NJ	176	-19	124	95	90
1	.6	2	.5			SUSSEX	NJ	-2				
3	.1	4	.2	6	.3	UNION	NJ	25	64	104	94	82
1	.3	1	.3	1	.3	WARREN	NJ	-18	-3	-20	50	82
9	.4	3	.1	4	.1	NEW MEXICO	NM	-74	21	-69		
3	.7	1	.1	3	.3	BERNALILLO	NM	-89	243	-64	14	82
1	.6					CURRY	NM					
		1	.7			DONA ANA	NM					
2*	1.6					EDDY	NM					
1*	1.0					GRANT	NM					
1*	2.2					LINCOLN	NM					
				1*	3.6	MC KINLEY	NM					99
		1	1.2			SAN JUAN	NM					
1*	2.5					SIERRA	NM					
168	.2	172	.2	128	.2	NEW YORK	NY	-6	-22	-27		
3	.2	2	.2			ALBANY	NY	-14				
		1	.4			ALLEGANY	NY					
19	.3	11	.2	6	.1	BRONX	NY	-46	-23	-58	20	77
		3	.3	3	.3	BROOME	NY		-6			82
1	.3	1	.3	1	.2	CATTARAUGUS	NY	-3	-7	-10	62	81
1	.3	1	.3			CAYUGA	NY	3				
		1	.1	3	.4	CHAUTAUQUA	NY		213			86
2	.4	1	.2	1	.2	CHEMUNG	NY	-52	-3	-53	24	80
2*	.9					CHENANGO	NY					
				1	.4	CLINTON	NY					85
7*	2.6	4*	1.3			COLUMBIA	NY	-51				
		1	.5	1	.5	CORTLAND	NY		3			88
		2	.2	2	.2	DUTCHESS	NY		10			81
9	.2	12	.3	6	.1	ERIE	NY	23	-44	-31	39	77
		1	.5	1	.5	ESSEX	NY		9			88
1	.4					FRANKLIN	NY					
		2	.7			FULTON	NY					
		3*	.8	1	.3	HERKIMER	NY		-66			82
2	.4			2	.4	JEFFERSON	NY			5	69	87
29	.3	19	.2	17	.2	KINGS(BROOKLYN)	NY	-41	21	-28	42	79

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
1	.4					MADISON	NY					
4	.2	8	.3	3	.1	MONROE	NY	60	-58	-33	37	76
		2	.5			MONTGOMERY	NY					
12	.4	11	.2	18*	.3	NASSAU	NY	-41	36	-19	51	83
18	.2	31*	.5	16	.3	NEW YORK(MANHATTAN)	NY	120	-42	28	81	82
1	.1	3	.2			NIAGARA	NY	132				
6	.5	1	.1			ONEIDA	NY	-64				
		4	.2	7	.4	ONONDAGA	NY		80			85
3*	1.0			2	.5	ONTARIO	NY			-47	28	88
		1	.1	2	.2	ORANGE	NY		113			80
				2*	1.1	ORLEANS	NY					94
1	.2	2	.5			OSWEGO	NY	125				
15	.2	15	.2	13	.1	QUEENS	NY	-16	-4	-20	51	78
1	.1	2	.3			RENSSELAER	NY	90				
2	.2	2	.2	2	.1	RICHMOND	NY	-1	-26	-27	43	77
2	.4	2	.3	1	.1	ROCKLAND	NY	-31	-52	-67	11	78
2	.3			2	.4	ST LAWRENCE	NY			15	75	86
2	.5					SARATOGA	NY					
1	.1	3	.4			SCHENECTADY	NY	237				
		1	.7			SCHOHARIE	NY					
		1*	1.3			SCHUYLER	NY					
2*	.9					SENECA	NY					
2	.4	1	.2	2	.4	STEUBEN	NY	-51	120	7	72	86
4	.2	6	.2	5	.1	SUFFOLK	NY	-1	-41	-42	31	77
1	.2	1	.1			ULSTER	NY	-31				
4*	1.7					WARREN	NY					
1	.4			1	.4	WASHINGTON	NY			-7	63	85
1	.3	1	.3			WAYNE	NY	-8				
5	.2	8	.2	7	.2	WESTCHESTER	NY	27	-14	9	73	79
		1	.5			WYOMING	NY					
1	1.0					YATES	NY					
48*	.4	32	.2	22	.1	NORTH CAROLINA	NC	-45	-42	-68		
1	.7					ALAMANCE	NC					
		2*	3.3			ALEXANDER	NC					
1*	2.6			1*	2.5	ALLEGHANY	NC			-3	66	98
3*	2.9	1*	.9			ASHE	NC	-68				
		1*	1.5			AVERY	NC					
1*	1.9			1*	1.6	BERTIE	NC			-14	57	96
1*	1.0					BLADEN	NC					
		1	.4			BURKE	NC					
		1	.4	1	.5	CABARRUS	NC		32			88
		1	.7			CALDWELL	NC					
				2*	.6	CATAWBA	NC					89
		1*	1.1			CHATHAM	NC					
1*	3.7					CHOWAN	NC					
1*	4.3					CLAY	NC					
				1	.2	CUMBERLAND	NC					78
2*	.9			1	.3	DAVIDSON	NC			-66	12	83
		2*	2.8			DAVIE	NC					
1	1.0					DUPLIN	NC					
2	1.0					DURHAM	NC					
1	.3	1	.3			FORSYTH	NC	5				
1	.4			1	.1	GASTON	NC			-61	16	78
1*	5.1	1*	3.3			GRAHAM	NC	-35				
1*	1.1					GRANVILLE	NC					
3	.5	1	.1	1	.1	GUILFORD	NC	-77	-17	-81	03	76
2*	2.4					HALIFAX	NC					
		2*	1.0			HAYWOOD	NC					
3*	2.2	1	.5			HENDERSON	NC	-79				
				1*	1.9	HERTFORD	NC					97
				1*	3.4	HOKE	NC					99
2*	.7	1	.4	1	.4	IREDELL	NC	-51	7	-48	28	85
1*	1.7					JACKSON	NC					
		1	.4			JOHNSTON	NC					
				1*	.8	LEE	NC					92
				1	.5	LENOIR	NC					88
		1*	.9			LINCOLN	NC					
1	1.1			1	.8	MC DOWELL	NC			-33	38	91
2	.3	1	.1	2	.2	MECKLENBURG	NC	-53	71	-20	50	80
		1*	1.6			MITCHELL	NC					
1	.6					NASH	NC					
1	.6					NEW HANOVER	NC					
1*	1.2					ORANGE	NC					
		1*	1.2			PERSON	NC					
		3*	2.0			PITT	NC					
1	1.0					RANDOLPH	NC					
1	.4					ROBESON	NC					
		1	.4			ROCKINGHAM	NC					
3*	1.2	1	.3	1	.4	ROWAN	NC	-73	14	-69	08	85
1*	1.7					SCOTLAND	NC					
		1	.6	2*	1.4	STANLY	NC		117			95
3*	1.7					SURRY	NC					
2*	3.9					TRANSYLVANIA	NC					
		1	1.3			UNION	NC					
1	.3	1	.1	1	.2	WAKE	NC	-59	66	-32	38	80
		1	.9			WAYNE	NC					
				1	.4	WILKES	NC					86
1	.8					WILSON	NC					
		1*	1.5			YANCEY	NC					
4	.1	9	.3	15*	.5	NORTH DAKOTA	ND	140	63	290		
				1*	4.2	BOWMAN	ND					99
				1*	2.6	BURKE	ND					98
				2*	1.0	BURLEIGH	ND					93
		1	.3			CASS	ND					
		1*	2.4	1*	2.4	EMMONS	ND		0			98
		2*	1.0	1	.5	GRAND FORKS	ND		-56			87
		1*	3.9			KIDDER	ND					

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WHITE MALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
				1*	2.6	MC HENRY ND					98
1*	2.9					MC KENZIE ND					
				1*	2.6	MERCER ND					98
				1*	1.0	MORTON ND					93
				1*	7.7	OLIVER ND					99
		1*	2.1			PEMBINA ND					
1*	1.3					RAMSEY ND					
				1*	5.9	RENVILLE ND					99
				1*	1.3	RICHLAND ND					95
1*	2.7					SHERIDAN ND					
				1*	12.3	SIOUX ND					99
1*	1.4			1*	1.4	STARK ND			-5	64	95
		1	.7			STUTSMAN ND					
				1*	3.2	TOWNER ND					99
		1*	1.3			TRAILL ND					
		1	.6			WARD ND					
87	.2	87	.2	83	.2	OHIO OH	-6	-7	-13		
		1	.3			ALLEN OH					
1	.4	1	.5			ASHLAND OH	24				
		1	.2			ASHTABULA OH					
1	.5	1	.4			ATHENS OH	-18				
		1	.5			AUGLAIZE OH					
		2	.4	1	.2	BELMONT OH		-57			79
1	.6			1	.6	BROWN OH			1	67	89
1	.1	1	.1	3	.3	BUTLER OH	5	228	244	98	84
				1*	.7	CARROLL OH					91
1	.6			1	.7	CHAMPAIGN OH			8	72	90
4*	.7	1	.1	2	.3	CLARK OH	-82	159	-54	24	84
		1	.4	1	.3	CLERMONT OH		-14			84
		2	.4			COLUMBIANA OH					
1	.6			1	.6	COSHOCTON OH			-1	66	89
13	.2	21	.3	10	.2	CUYAHOGA OH	63	-46	-12	60	78
				2*	.8	DARKE OH					91
1	.7					DEFIANCE OH					
1	.6	1	.6			DELAWARE OH	6				
2	.6					ERIE OH					
1	.4					FAIRFIELD OH					
3	.1	5	.3	4	.2	FRANKLIN OH	114	-40	28	81	78
				1	.7	FULTON OH					90
1	.5			1	.6	GEAUGA OH			36	83	89
				1	.3	GREENE OH					83
6	.2	12	.3	5	.1	HAMILTON OH	108	-59	-14	57	77
		1	.6			HIGHLAND OH					
1	.8					HOCKING OH					
1	.5					HURON OH					
				1	.6	JACKSON OH					90
1	.2					JEFFERSON OH					
				1	.5	KNOX OH					87
1	.2					LAKE OH					
1	.4	1	.4	2*	.7	LAWRENCE OH	-2	59	56	87	90
				1	.2	LICKING OH					81
1	.1	3	.3	1	.1	LORAIN OH	166	-73	-29	41	76
5	.3	4	.2	3	.1	LUCAS OH	-22	-30	-46	29	78
2	.1	2	.2	1	.1	MAHONING OH	29	-57	-45	30	76
		1	.3	1	.4	MARION OH		64			86
1	.2			1	.4	MEDINA OH			50	87	85
				1*	1.0	MEIGS OH					93
		1	.2	1	.2	MIAMI OH		-9			81
1	.8					MONROE OH					
5	.4	3	.1	5	.2	MONTGOMERY OH	-60	78	-29	41	81
				1*	1.7	MORGAN OH					96
		1	.3			MUSKINGUM OH					
				1*	1.7	NOBLE OH					97
2*	1.0					OTTAWA OH					
1*	1.7					PAULDING OH					
		1	.6			PERRY OH					
2	.7			2	.5	PORTAGE OH			-32	39	87
2*	1.3					PREBLE OH					
				1	.7	PUTNAM OH					90
2	.5			2	.4	RICHLAND OH			-22	48	84
		1	.4	1	.4	ROSS OH		-12			85
1	.4	1	.4			SANDUSKY OH	-14				
4*	1.1	1	.2			SCIOTO OH	-77				
		1	.4			SENECA OH					
3	.2	4	.2	4	.2	STARK OH	14	6	22	79	81
4	.2	2	.1	7	.3	SUMMIT OH	-46	273	101	94	83
1	.3	4	.5	3	.3	TRUMBULL OH	49	-45	-18	53	82
		1	.2			TUSCARAWAS OH					
				2*	1.5	VAN WERT OH					96
1	.5			1	.3	WARREN OH			-49	26	82
2	.8	1	.4	1	.4	WASHINGTON OH	-57	5	-55	23	85
1	.3			2	.5	WAYNE OH			70	89	88
1	.7					WILLIAMS OH					
1	.4	2	.6	1	.3	WOOD OH	48	-47	-21	49	83
1	1.1					WYANDOT OH					
31	.3	27	.2	14	.1	OKLAHOMA OK	-22	-54	-64		
1*	1.3					ADAIR OK					
2*	1.8	1*	1.0	1*	.7	BECKHAM OK	-45	-28	-60	17	91
		1	.7			CADDO OK					
1	.8	1	.8			CANADIAN OK	-1				
				2*	.9	CARTER OK					92
1*	1.4	1*	1.4			CHEROKEE OK	1				
1*	1.2					CHOCTAW OK					
1	.5	2*	1.0	1	.4	CREEK OK	103	-57	-12	60	86
1*	1.4					DELAWARE OK					
1	.9					GARVIN OK					
		1	.5			GRADY OK					

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1*	1.8	1*	1.7			GRANT OK	-2				
1	1.3					HUGHES OK					
		1*	1.5			KINGFISHER OK					
1*	1.2					KIOWA OK					
1	.5	2*	1.0	1	.5	LE FLORE OK	89	-46	2	68	88
1*	2.7			1*	2.3	LOVE OK			-17	54	98
		2*	1.7			MC CURTAIN OK					
		1	1.0	1	.7	MAYES OK		-28			90
1	.4					MUSKOGEE OK					
		1*	2.2	1*	1.9	NOBLE OK		-11			97
		1*	1.5			NOWATA OK					
6	.3	3	.2	2	.1	OKLAHOMA OK	-55	-20	-64	14	77
		1	.6			OSAGE OK					
		1	.7			PAYNE OK					
1	.7					PONTOTOC OK					
		2*	1.0	1	.4	POTTAWATOMIE OK		-61			85
1*	3.1					ROGER MILLS OK					
3*	2.0	1	.6			STEPHENS OK	-71				
3	.4	3	.3	3	.2	TULSA OK	-27	-26	-46	29	80
2*	2.3					WOODWARD OK					
22	.3	16	.2	11	.1	OREGON OR	-40	-42	-65		
1	.8					BENTON OR					
				1	.1	CLACKAMAS OR					77
1	.7	1	.4			COOS OR	-52				
1	.3					DOUGLAS OR					
		1	.2			JACKSON OR					
1	1.4					JOSEPHINE OR					
		3*	1.3			KLAMATH OR					
2	.3	1	.1			LANE OR	-49				
1	.7					LINCOLN OR					
1	.4					LINN OR					
2	.4					MARION OR					
7	.2	8	.3	7	.3	MULTNOMAH OR	22	-14	5	70	82
2*	2.0					POLK OR					
1	.5			1	.4	UMATILLA OR			-15	56	86
				1*	2.5	WALLOWA OR					98
2	.5	2	.3	1	.1	WASHINGTON OR	-26	-58	-69	08	78
111	.2	100	.2	65	.1	PENNSYLVANIA PA	-18	-38	-49		
				1	.3	ADAMS PA					83
11	.2	13	.2	7	.1	ALLEGHENY PA	19	-50	-40	32	76
		1	.3			ARMSTRONG PA					
1	.2			1	.1	BEAVER PA			-8	63	78
1	.4					BEDFORD PA					
1	.1	6	.5	1	.1	BERKS PA	632	-88	-11	61	75
4	.7	1	.2	2	.3	BLAIR PA	-78	67	-63	15	82
1	.3	2*	.7			BRADFORD PA	111				
2	.3			3	.2	BUCKS PA			-3	65	81
		2	.3	1	.1	CAMBRIA PA		-65			76
		1	.3	1	.3	CARBON PA		-10			83
1	.4					CENTRE PA					
		1	.1	3	.2	CHESTER PA		95			81
		2*	1.1			CLARION PA					
1	.2	2	.5	1	.2	CLEARFIELD PA	117	-51	6	71	81
				1	.5	CLINTON PA					87
1	.4	1	.3			COLUMBIA PA	-10				
		1	.2	1	.3	CRAWFORD PA		6			81
1	.2	2	.3	2	.3	CUMBERLAND PA	38	-8	27	81	83
2	.2					DAUPHIN PA					
4	.2	5	.2			DELAWARE PA	-10				
				2*	1.0	ELK PA					93
1	.1	3	.3	1	.1	ERIE PA	280	-72	5	70	75
5*	.6	2	.2	2	.2	FAYETTE PA	-59	-9	-62	15	81
		1	.4	1	.2	FRANKLIN PA		-33			81
1*	2.0					FULTON PA					
1	.4					GREENE PA					
1	.5			1	.5	HUNTINGDON PA			2	67	87
1	.4	1	.4			JEFFERSON PA	-3				
1*	1.3					JUNIATA PA					
4	.4	3	.2	3	.2	LACKAWANNA PA	-48	8	-44	30	81
5	.4	3	.3	3	.2	LANCASTER PA	-36	-27	-53	24	79
3	.6			2	.3	LAWRENCE PA			-41	32	84
2	.5	2	.4			LEBANON PA	-23				
1	.1			1	.1	LEHIGH PA			-3	65	76
4	.2	4	.2	3	.2	LUZERNE PA	7	-25	-20	51	78
		1	.2	1	.2	LYCOMING PA		-3			79
1	.3					MC KEAN PA					
2	.4	1	.2	2	.3	MERCER PA	-59	79	-27	43	83
1	.5	1	.4			MIFFLIN PA	-21				
4	.2	4	.1	1	.0	MONTGOMERY PA	-32	-78	-85	01	75
2	.3	3	.3	1	.1	NORTHAMPTON PA	15	-73	-69	08	76
1	.5			2	.4	NORTHUMBERLAND PA			-17	55	85
1	.8	1	.7	1	.7	PERRY PA	-8	-3	-11	61	91
17	.2	22	.3	8	.1	PHILADELPHIA PA	45	-51	-29	41	77
				2*	1.4	PIKE PA					95
1	.1	1	.1			SCHUYLKILL PA	23				
1	.9					SNYDER PA					
1	.4	2	.5			SOMERSET PA	14				
1	.5					TIOGA PA					
2	.6					VENANGO PA					
1	.4					WARREN PA					
1	.1					WASHINGTON PA					
		1	.6			WAYNE PA					
9*	.7	2	.1	2	.1	WESTMORELAND PA	-83	-3	-84	01	77
1*	1.1	1*	1.2			WYOMING PA	9				
3	.3	1	.1	1	.1	YORK PA	-65	-34	-77	04	75

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8	.2	6	.1	12	.3	RHODE ISLAND RI	-40	83	9		
		1	.7			BRISTOL RI					
1	.2			2	.3	KENT RI			76	91	82
6	.3	4	.1	8	.3	PROVIDENCE RI	-51	105	0	67	82
1	.5	1	.4	2*	.7	WASHINGTON RI	-24	84	40	84	90
16	.4	9	.1	22*	.3	SOUTH CAROLINA SC	-63	115	-21		
				1*	1.4	ABBEVILLE SC					95
1	.2			1	.3	AIKEN SC			24	80	82
1	.7			1	.2	CHARLESTON SC			-70	08	80
				1*	1.1	CHEROKEE SC					94
				1*	1.2	CHESTERFIELD SC					94
		1*	2.3			EDGEFIELD SC					
				2*	.7	FLORENCE SC					90
				1*	2.7	GEORGETOWN SC					98
2	.3	1	.3	3	.4	GREENVILLE SC	-17	39	15	75	85
1	.6			1	.4	HORRY SC			-29	41	86
1*	2.2	1*	1.0			KERSHAW SC	-54				
1*	.5	1*	.7			LANCASTER SC	48				
		1	.4			LEXINGTON SC					
1*	1.2			2*	1.7	NEWBERRY SC			47	85	96
1	.8	1	.6			OCONEE SC	-22				
				1	.6	ORANGEBURG SC					89
				1	.5	PICKENS SC					87
2	.5			3*	.5	RICHLAND SC			-6	63	87
				2*	4.9	SALUDA SC					99
1	.3	1	.3	1	.2	SPARTANBURG SC	-3	-39	-40	32	79
1	1.1					SUMTER SC					
1*	2.9	1*	1.0			UNION SC	-64				
2*	1.1	1	.3			YORK SC	-73				
6	.2	15*	.5	8	.2	SOUTH DAKOTA SD	163	-48	37		
1*	3.0					AURORA SD					
1*	8.2					BENNETT SD					
				1*	2.2	BON HOMME SD					98
				1	.7	BROWN SD					90
1*	2.4					BRULE SD					
1*	2.2					BUTTE SD					
1*	1.7	1*	1.7			CHARLES MIX SD	-4				
		1*	1.1			CODINGTON SD					
		1*	12.4			CORSON SD					
				1*	1.1	DAY SD					93
		1*	1.2			FALL RIVER SD					
1*	2.3					HAMLIN SD					
		1*	2.9			HAND SD					
				1*	5.1	HANSON SD					99
		1*	5.8			LYMAN SD					
		2*	4.3			MC COOK SD					
		3*	.7			MINNEHAHA SD					
		2*	1.1	2*	.9	PENNINGTON SD		-20			92
		1*	2.5			PERKINS SD					
		1*	1.2			TURNER SD					
				1*	1.4	UNION SD					95
				1*	1.0	YANKTON SD					93
42	.4	40	.3	43*	.3	TENNESSEE TN	-21	-7	-26		
1	1.2					ANDERSON TN					
		1*	1.0	2*	1.6	BEDFORD TN		63			96
		1*	1.7	1*	1.0	BENTON TN		-41			93
1*	3.0					BLEDSOE TN					
1	.6			1	.3	BLOUNT TN			-51	25	83
				1	.5	BRADLEY TN					87
1	.9	1	.8			CAMPBELL TN	-8				
		1*	2.6			CANNON TN					
				1	.6	CARROLL TN					89
		1	.8			CARTER TN					
				1*	1.8	CHESTER TN					97
1*	1.1			1*	.9	CLAIBORNE TN			-15	57	92
1*	2.0					CLAY TN					
1*	1.1			1*	.9	CUMBERLAND TN			-20	50	92
4	.5	4	.2	3	.2	DAVIDSON TN	-52	-13	-59	19	79
3*	7.3					DECATUR TN					
		1*	1.6			DE KALB TN					
		1*	.9			DICKSON TN					
1*	3.4			1*	1.5	FENTRESS TN			-55	22	96
				1*	.8	FRANKLIN TN					91
		3*	1.4			GIBSON TN					
				1*	1.4	GRAINGER TN					95
1	.5			1	.4	GREENE TN			-22	49	85
2*	2.0	1	.7	2*	1.2	HAMBLEN TN	-64	68	-40	33	94
1	.2	2	.3	3	.3	HAMILTON TN	80	-9	64	88	84
1*	1.4					HARDIN TN					
		1	1.1			HAWKINS TN					
1*	1.2					HENDERSON TN					
		1	1.1			HENRY TN					
2*	3.8	1*	1.5			HICKMAN TN	-60				
				1*	.7	JEFFERSON TN					91
3	.3	6*	.7	3	.3	KNOX TN	152	-66	-14	58	81
		1*	.8	1*	.7	LOUDON TN		-10			91
1	.8			1	.5	MC MINN TN			-31	40	88
1	.7	1	.6			MAURY TN	-15				
				1*	4.2	MEIGS TN					99
1	1.1			1*	.9	MONROE TN			-19	53	92
1	1.0			1	.2	MONTGOMERY TN			-78	03	80
1	.6					OBION TN					
1*	1.6					OVERTON TN					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1*	1.0			1*	2.9	POLK TN			185	97	98
				2*	1.2	PUTNAM TN					94
		1*	1.1			RHEA TN					
				1	.5	ROANE TN					87
				1	.7	ROBERTSON TN					90
1	.6					RUTHERFORD TN					
2*	3.9					SCOTT TN					
1	.1	4	.2	3	.2	SHELBY TN	217	-28	128	96	79
				1*	1.2	SMITH TN					94
		1*	1.8			STEWART TN					
1	.2	1	.3			SULLIVAN TN	85				
		2*	.9	1	.3	SUMNER TN		-67			83
				1*	2.2	UNION TN					98
				1	.9	WARREN TN					92
1	.3	1	.3	1	.3	WASHINGTON TN	-13	17	2	68	83
1*	1.3					WAYNE TN					
1	.8					WEAKLEY TN					
1*	1.1					WILLIAMSON TN					
		2*	1.4			WILSON TN					
93	.3	82	.2	71	.2	TEXAS TX	-31	-28	-50		
1	.6					ANGELINA TX					
		1*	1.1	1*	.9	AUSTIN TX		-19			92
1*	1.0	2*	2.5			BASTROP TX	151				
1	.4	1	.3	1	.2	BELL TX	-32	-20	-45	30	81
3	.1	5	.2	8	.3	BEXAR TX	22	73	111	95	83
				1*	1.2	BOSQUE TX					95
		2*	.7			BOWIE TX					
3*	1.8	1	.2	2	.5	BRAZORIA TX	-88	107	-74	05	87
1	.9			1	.7	BRAZOS TX			-26	44	90
1*	2.0	1*	1.7			BURLESON TX	-16				
2*	3.4	1*	1.7			CALLAHAN TX	-51				
1	.3	1	.2			CAMERON TX	-16				
		1*	2.1			CASTRO TX					
1	1.2					CHEROKEE TX					
		1*	1.8			CHILDRESS TX					
		2*	3.4			CLAY TX					
1*	1.3	1*	1.0			COLEMAN TX	-23				
				1	.2	COLLIN TX					80
2*	3.1	1*	1.3			COLORADO TX	-57				
		1*	4.8			COTTLE TX					
1*	7.9					CROCKETT TX					
12*	.5	9	.3	6	.2	DALLAS TX	-29	-50	-65	13	78
		1*	.8			DAWSON TX					
1	.6			1	.3	DENTON TX			-59	18	82
				1*	2.8	DICKENS TX					98
1	.2	1	.2			ECTOR TX	17				
1	.6			2*	.9	ELLIS TX			37	83	92
2	.2	2	.2			EL PASO TX	19				
1	1.1	1	.6			ERATH TX	-43				
1	1.8					FALLS TX					
1	.7			1	.8	FANNIN TX			16	76	92
2*	1.5					FAYETTE TX					
2*	2.3					FORT BEND TX					
1*	2.9					FREESTONE TX					
1	.3					GALVESTON TX					
				1*	1.5	GILLESPIE TX					96
				1*	.9	GONZALES TX					93
2*	2.1			1*	.7	GRAY TX			-67	09	90
2	1.1			3*	.7	GRAYSON TX			-34	36	91
				1	.3	GREGG TX					83
1	1.5					HALE TX					
1*	1.6					HAMILTON TX					
5	.2	6	.1	5	.1	HARRIS TX	-5	-26	-30	40	76
1	.7					HARRISON TX					
1	1.2			1	.4	HENDERSON TX			-67	10	85
2	.2			2	.3	HIDALGO TX			46	85	83
				1	.6	HILL TX					89
		1*	1.5	1*	.9	HOCKLEY TX		-38			93
		2*	1.5			HOPKINS TX					
		1*	1.2			HOUSTON TX					
2*	2.4	1	.7			HOWARD TX	-69				
		1*	2.7			HUTCHINSON TX					
				1*	11.1	IRION TX					99
1*	1.3					JASPER TX					
2	.3	2	.3			JEFFERSON TX	13				
1	.6	2*	1.0			JOHNSON TX	71				
		1*	.9			JONES TX					
				1	.5	KERR TX					87
		1*	10.3			KINNEY TX					
1*	1.6	1*	1.0	1*	1.9	KLEBERG TX	-33	79	20	78	97
		1	.5			LAMAR TX					
1*	1.4					LAMB TX					
1*	1.9					LAMPASAS TX					
1	.9	1	.7			LAVACA TX	-17				
				1*	2.9	LEON TX					98
1	.5	1	.2	1	.2	LUBBOCK TX	-65	-6	-67	11	78
				1*	1.4	MC CULLOCH TX					96
4*	.8	1	.2			MC LENNAN TX	-71				
1*	1.6					MATAGORDA TX					
		1	1.2	2*	1.5	MILAM TX		28			96
				1*	1.5	MITCHELL TX					96
		1*	.8			MONTAGUE TX					
				1	.3	MONTGOMERY TX					84
1	.7					NAVARRO TX					
		1*	1.2			NOLAN TX					
		2	.3	2	.2	NUECES TX		-4			81
1	.3	1	.3	2	.6	POTTER TX	4	74	81	91	89
1*	.5					RANDALL TX					
				1*	5.8	REAGAN TX					99

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WHITE MALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
				2*	1.7	RED RIVER TX					97
				1*	19.5	ROBERTS TX					99
		1*	.9			SHELBY TX					
1	.4					SMITH TX					
				1*	2.1	SWISHER TX					97
5	.3	4	.2	2	.1	TARRANT TX	-34	-49	-67	10	76
		1	.3			TAYLOR TX					
				1*	2.0	TERRY TX					97
		1	.3	1	.3	TOM GREEN TX		-8			82
2	.5			1	.1	TRAVIS TX			-73	06	77
1*	1.2	1*	1.0			UPSHUR TX	-17				
				1*	4.8	UPTON TX					99
				1*	1.4	UVALDE TX					95
		2*	2.2			VAL VERDE TX					
				1	.5	VAN ZANDT TX					88
1	.9					VICTORIA TX					
1*	3.0					WALLER TX					
		1	.4			WEBB TX					
1	.3	2	.5			WICHITA TX	98				
		1*	2.4			WILLACY TX					
1*	2.6	1*	1.4			WILSON TX	-47				
				1*	.7	WISE TX					90
		1*	1.7			WOOD TX					
1*	1.1	1*	1.3			YOUNG TX	12				
5	.2	11	.3	7	.2	UTAH UT	99	-49	1		
		1*	1.2			BOX ELDER UT					
		1	.4	1	.4	DAVIS UT		12			87
		1*	6.0			GRAND UT					
		1*	8.0			KANE UT					
4	.3	5	.3	2	.1	SALT LAKE UT	22	-68	-61	17	76
				1*	1.2	SANPETE UT					95
				1*	1.0	TOOELE UT					93
1	.4	1	.3			UTAH UT	-25				
				1*	3.5	WASATCH UT					99
		1	.1	1	.2	WEBER UT		32			79
2	.1	2	.1	6	.3	VERMONT VT	-7	172	152		
		1	.2	2*	.6	CHITTENDEN VT		185			89
				1*	.9	ORLEANS VT					93
1	.4			1	.3	RUTLAND VT			-12	59	84
				1	.4	WASHINGTON VT					85
1	.5	1	.4	1	.4	WINDSOR VT	-14	1	-13	59	86
31	.3	34	.3	28	.2	VIRGINIA VA	-13	-25	-34		
1	.8	1	.7			ACCOMACK VA	-3				
1	.5	1	.3			ALBEMARLE#VA	-39				
				1*	.7	ALLEGHANY#VA					90
		1*	1.3			AMHERST VA					
1	.3	5*	.8	2	.3	ARLINGTON#VA	161	-59	6	71	83
		1	.3	1	.4	AUGUSTA#VA		61			86
3*	.7	1	.2	1	.2	BEDFORD#VA	-73	6	-71	07	80
		1*	1.2			BOTETOURT VA					
		1	1.3			BUCHANAN VA					
2	.2	3	.3	4	.5	CHESTERFIELD#VA	39	48	106	94	88
		1*	1.5			CULPEPER VA					
1	.3					DINWIDDIE#VA					
		1	.0	5	.3	FAIRFAX#VA		879			84
3*	3.8					FAUQUIER VA					
2*	2.2					FRANKLIN VA					
				1	.5	FREDERICK#VA					88
		1*	3.3			GOOCHLAND VA					
1	1.4					HALIFAX#VA					
		1	.2	2	.3	HENRICO VA		25			81
		1	.8			JAMES CITY#VA					
1	1.1					LEE VA					
		1*	1.8			MATHEWS VA					
1	.8			1	.1	MONTGOMERY#VA			-86	00	77
1*	1.7					NELSON VA					
		1*	1.8			NORTHUMBERLAND VA					
1*	2.3					NOTTOWAY VA					
1*	1.4					PAGE VA					
		1	.7			PRINCE WILLIAM#VA					
1*	1.0					PULASKI VA					
		1	.1	1	.1	ROANOKE#VA		-15			77
2*	1.7					ROCKBRIDGE#VA					
2*	1.2	2*	1.6			SCOTT VA	38				
1	1.6	1	.7			SMYTH VA	-56				
1*	1.0			1*	.8	SPOTSYLVANIA#VA			-14	58	92
		1	.5			TAZEWELL VA					
		1*	1.9			WARREN VA					
1	.5			1	.4	WASHINGTON#VA			-19	52	86
				1	.5	WISE#VA					87
				1*	.9	WYTHE VA					92
3	.3	3	.1	3	.2	CHESAPEAKE CITY#VA	-52	12	-47	28	78
				1	.5	HAMPTON CITY VA					87
		1	.7			NEWPORT NEWS CITY VA					
		1*	1.0	1*	.8	SUFFOLK CITY VA		-19			92
32	.2	31	.2	33	.2	WASHINGTON WA	-8	-8	-15		
		1*	2.1			ADAMS WA					
		1	.4			CHELAN WA					
1	.2	1	.2	1	.1	CLARK WA	32	-39	-19	52	77
		2*	6.7			COLUMBIA WA					
2	.7	1	.3	3*	1.2	COWLITZ WA	-55	285	72	89	95
2*	4.2					DOUGLAS WA					
1*	5.9					GARFIELD WA					

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COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
				1	.4	GRANT WA					87
		2	.6	1	.4	GRAYS HARBOR WA		-40			85
				2*	1.7	ISLAND WA					96
18*	.5	8	.2	6	.1	KING WA	-58	-31	-71	07	77
		1	.2			KITSAP WA					
1	.5					LEWIS WA					
				2*	1.3	MASON WA					95
		1*	1.1			PACIFIC WA					
1	.1	6	.5	5	.3	PIERCE WA	544	-36	314	99	83
1	.3					SKAGIT WA					
				2	.2	SNOHOMISH WA					78
5	.4	5	.4	2	.1	SPOKANE WA	2	-62	-61	17	77
				2	.4	THURSTON WA					86
		1	.5			WALLA WALLA WA					
		1	.2	1	.2	WHATCOM WA		-13			80
				5*	.7	YAKIMA WA					90
21	.3	26	.3	14	.2	WEST VIRGINIA WV	5	-50	-48		
		1	1.1			BOONE WV					
1*	1.0	1*	1.1			BRAXTON WV	15				
1	1.2			1	.6	BROOKE WV			-48	27	90
2	.4	3*	.7			CABELL WV	57				
		1*	2.1			CALHOUN WV					
				2*	3.8	CLAY WV					99
		1*	3.4			DODDRIDGE WV					
2	.7	2*	.7	1	.3	FAYETTE WV	-2	-52	-53	25	84
1	.7	1	.8			GREENBRIER WV	11				
		1*	1.6			HAMPSHIRE WV					
1	1.0					HANCOCK WV					
1	.2			2	.4	HARRISON WV			80	91	86
1*	1.7					JEFFERSON WV					
		2	.2			KANAWHA WV					
		1*	1.1			LINCOLN WV					
1	.5					LOGAN WV					
1	.2	1	.7	1	.9	MC DOWELL WV	180	35	279	98	93
				2*	.6	MARION WV					89
1	1.0	2*	1.0			MARSHALL WV	-3				
				1	.4	MERCER WV					85
		1	.7			MINGO WV					
1	.4					MONONGALIA WV					
		1*	2.3			MORGAN WV					
1	.4					OHIO WV					
				1*	1.6	POCAHONTAS WV					96
		1	.6			PRESTON WV					
		2	.5			RALEIGH WV					
1	.5	1	.7			RANDOLPH WV	54				
2*	2.3			1*	1.5	RITCHIE WV			-35	35	96
1*	1.9					TUCKER WV					
		1*	1.1			UPSHUR WV					
1	.7					WAYNE WV					
1*	3.1	1*	1.5			WEBSTER WV	-51				
				1*	1.0	WETZEL WV					93
		1	.3			WOOD WV					
				1*	.6	WYOMING WV					90
46	.3	34	.2	42	.2	WISCONSIN WI	-33	17	-22		
1	1.0					ASHLAND WI					
1	.5					BARRON WI					
		1	.1	3	.5	BROWN WI		270			87
		1	.8			CALUMET WI					
1	.5			2*	.9	CHIPPEWA WI			82	92	92
2*	1.0					CLARK WI					
				1*	1.0	CRAWFORD WI					93
1	.2	2	.2	1	.1	DANE WI	22	-58	-49	26	76
1	.3	1	.4	1	.3	DODGE WI	22	-29	-14	59	82
		1	.3	1	.4	DOUGLAS WI		40			87
2*	1.2					DUNN WI					
				1	.3	EAU CLAIRE WI					84
		2	.5			FOND DU LAC WI					
				1	.4	GRANT WI					86
2*	1.3			2*	1.3	GREEN WI			2	68	95
		1*	1.0			IOWA WI					
		1*	1.2	2*	1.7	JACKSON WI		39			97
3*	1.2	2	.7			JEFFERSON WI	-45				
2	.4					KENOSHA WI					
				1*	.9	KEWAUNEE WI					92
		1	.3	1	.2	LA CROSSE WI		-16			81
1	.9			1*	1.1	LANGLADE WI			26	80	94
1	.3			1	.2	MANITOWOC WI			-14	58	81
		2	.4	1	.2	MARATHON WI		-43			80
2	.6			1	.2	MENOMINEE#WI			-57	21	81
13	.3	10	.2	5	.1	MILWAUKEE WI	-17	-48	-57	20	77
1	1.1					ONEIDA WI					
1	.3	1	.2	4*	.8	OUTAGAMIE WI	-19	260	192	97	91
1	.7	1	.6			POLK WI	-17				
1	.9					PRICE WI					
2	.3	1	.1	2	.3	RACINE WI	-53	80	-16	56	82
1	.8					RICHLAND WI					
		1	.2			SHEBOYGAN WI					
				2*	1.4	VERNON WI					95
1	.4					WALWORTH WI					
1*	2.4					WASHBURN WI					
1	.4			1	.4	WASHINGTON WI			-8	62	85
1	.2	2	.4	3	.3	WAUKESHA WI	57	-11	39	83	84
				1	.2	WAUPACA WI					80
1*	.9					WAUSHARA WI					
		2	.4	2	.4	WINNEBAGO WI		2			85
1	.3	1	.4	1	.3	WOOD WI	49	-22	16	77	83

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WHITE MALE — CANCER OF THE EYE — ICD 190

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	.1	2	.1	2	.1	WYOMING WY	91	-1	89		
		1*	1.1			CARBON WY					
				1*	3.8	CROOK WY					99
		1	.4			LARAMIE WY					
				1*	.7	SHERIDAN WY					90
1*	2.3					UINTA WY					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1591	.2	1698	.2	1542	.1	UNITED STATES		-15	-26	-37		
33*	.4	31	.3	24	.2	ALABAMA	AL	-39	-39	-63		
		1*	1.4			AUTAUGA	AL					
				1*	.4	BLOUNT	AL					89
1	.7	2	.4	2	.4	CALHOUN	AL	-36	-1	-37	50	90
				1	.4	CHAMBERS	AL					89
		1*	.8			CHILTON	AL					
1*	3.7					CHOCTAW	AL					
		1*	2.0	1*	1.2	CLAY	AL		-40			97
1*	.8					COFFEE	AL					
1*	3.5					CONECUH	AL					
1	.9	1	.5			COVINGTON	AL	-44				
		2*	.8	1	.2	CULLMAN	AL		-74			84
2*	1.9					DALLAS	AL					
		1	.4			DE KALB	AL					
1*	1.4					ELMORE	AL					
2	.9	2	.4	1	.2	ETOWAH	AL	-54	-60	-82	04	82
3*	3.2					FRANKLIN	AL					
2*	1.3	1	.4	1	.4	HOUSTON	AL	-68	0	-67	20	90
1	1.2	1	.5	1	.5	JACKSON	AL	-58	-4	-60	28	91
4	.2	5	.2	4	.1	JEFFERSON	AL	-8	-33	-38	49	81
1*	1.8					LAMAR	AL					
1	.6	3*	1.0			LAUDERDALE	AL	82				
1*	1.8	1*	.8			LAWRENCE	AL	-54				
2*	2.3			1	.6	LEE	AL			-73	14	93
1	.8					LIMESTONE	AL					
				1	.1	MADISON	AL					79
1	.7	1	.4	1	.3	MARSHALL	AL	-47	-28	-62	27	86
3	.4	1	.1	1	.1	MOBILE	AL	-69	-28	-78	10	78
1	.3	1	.2	1	.2	MONTGOMERY	AL	-25	-25	-43	43	81
				1	.2	MORGAN	AL					85
1*	1.3			1*	1.0	PIKE	AL			-26	65	96
				1*	.7	RUSSELL	AL					94
		1*	1.0			ST CLAIR	AL					
		1	.9			SHELBY	AL					
1	.4	1	.4			TALLADEGA	AL	8				
		1	.7	2*	.8	TALLAPOOSA	AL		26			95
				1	.2	TUSCALOOSA	AL					82
		1	.4			WALKER	AL					
		1*	1.5			WINSTON	AL					
				2	.2	ALASKA	AK					
9	.2	7	.1	9	.1	ARIZONA	AZ	-47	-11	-53		
				1	.3	COCHISE	AZ					87
1*	.5					COCONINO	AZ					
		1*	.7			GILA	AZ					
1*	1.7					GRAHAM	AZ					
2	.1	4	.1	3	.1	MARICOPA	AZ	9	-48	-44	43	76
2*	3.1					NAVAJO	AZ					
1	.1	1	.1	3	.1	PIMA	AZ	-6	55	46	90	80
1	.6					PINAL	AZ					
		1	.5	2*	.6	YAVAPAI	AZ		34			93
1*	.6					YUMA	AZ					
13	.2	14	.2	17	.2	ARKANSAS	AR	-26	-1	-27		
				2*	1.4	ARKANSAS	AR					97
				2*	.7	BENTON	AR					93
1*	1.1					BOONE	AR					
				1*	.5	CLAY	AR					91
		1*	1.0			COLUMBIA	AR					
2*	2.6					CRAWFORD	AR					
		1	.6			GREENE	AR					
		1*	.7			HEMPSTEAD	AR					
1*	.9					INDEPENDENCE	AR					
1*	1.9					IZARD	AR					
				1	.3	JEFFERSON	AR					88
		1*	1.5			JOHNSON	AR					
				1*	.7	LAWRENCE	AR					93
				2*	4.4	LINCOLN	AR					99
1*	2.6					LITTLE RIVER	AR					
				1*	.6	LONOKE	AR					92
		1*	1.2			MADISON	AR					
		1	.5	1	.4	MISSISSIPPI	AR		-22			89
1*	3.5					MONTGOMERY	AR					
				1*	.6	OUACHITA	AR					92
				1*	.8	PHILLIPS	AR					95
1	1.3					POINSETT	AR					
		1	.6			POPE	AR					
3	.3	4	.4			PULASKI	AR	7				
				1*	1.9	SCOTT	AR					98
1	.3			1	.2	SEBASTIAN	AR			-34	53	83
1*	1.7					SEVIER	AR					
				1	.3	UNION	AR					87
		1	.4	1	.3	WASHINGTON	AR		-20			86
		1	.5			WHITE	AR					
		1*	1.2			YELL	AR					
131	.2	162	.2	184*	.2	CALIFORNIA	CA	-8	-9	-17		
8	.2	8	.2	10	.2	ALAMEDA	CA	-15	31	11	85	84
		1	.2			BUTTE	CA					
3	.2	2	.1	2	.1	CONTRA COSTA	CA	-40	-56	-74	14	77
		1	.5	2*	.7	EL DORADO	CA		49			94

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WHITE FEMALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
3	.2	1	.1	4	.2	FRESNO CA	-72	235	-5	77	84
1*	1.4					GLENN CA					
		2*	1.3			IMPERIAL CA					
3	.3	2	.1	5*	.3	KERN CA	-59	134	-5	77	87
1	.5	1	.5			KINGS CA	-7				
		1	.8	2*	1.9	LAKE CA		139			98
58	.2	72	.2	77*	.2	LOS ANGELES CA	-2	-1	-2	78	84
		1	.5	1	.4	MADERA CA		-24			89
3*	.5	1	.1	1	.0	MARIN CA	-71	-66	-90	01	76
1	.4	1	.4	2	.4	MERCED CA	6	1	7	82	89
2	.4			1	.1	MONTEREY CA			-77	10	78
1	.2	1	.2			NAPA CA	-14				
				1	.8	NEVADA CA					95
5	.2	8	.2	15	.2	ORANGE CA	-1	8	6	82	84
2*	.8	1	.3			PLACER CA	-64				
		1*	1.6			PLUMAS CA					
5	.4	5	.3	4	.1	RIVERSIDE CA	-29	-69	-78	09	78
4	.3	7	.3	2	.1	SACRAMENTO CA	5	-79	-78	09	77
2	.1	4	.1	7	.2	SAN BERNARDINO CA	16	48	72	94	83
8	.3	14	.3	12	.1	SAN DIEGO CA	-3	-44	-45	42	80
10	.2	6	.2	6	.2	SAN FRANCISCO CA	-13	-15	-27	63	81
		2	.2	2	.1	SAN JOAQUIN CA		-36			78
		3*	.6	2	.2	SAN LUIS OBISPO CA		-66			84
2	.1	2	.1	2	.1	SAN MATEO CA	-36	-9	-42	45	77
		3	.3	3	.2	SANTA BARBARA CA		-14			85
4	.2	1	.0	4	.1	SANTA CLARA CA	-83	157	-55	35	78
		1	.1	1	.1	SANTA CRUZ CA		7			77
				4*	.8	SHASTA CA					95
				1	.1	SOLANO CA					80
4*	.6	4	.5	2	.2	SONOMA CA	-17	-65	-71	16	81
		3	.3	1	.1	STANISLAUS CA		-76			77
				1	.6	SUTTER CA					92
				1	.8	TEHAMA CA					95
				2	.2	TULARE CA					83
1	.2	2	.2	2	.1	VENTURA CA	0	-24	-24	66	79
				1	.2	YOLO CA					85
				1	.5	YUBA CA					90
10	.1	24	.3	14	.1	COLORADO CO	93	-53	-9		
		1	.4			ADAMS CO					
		1*	2.2			ALAMOSA CO					
1*	3.1	1*	3.9			BACA CO	24				
		3*	.6	1	.2	BOULDER CO		-65			84
1*	2.0					CHAFFEE CO					
4	.1	9	.3	8	.2	DENVER-ARAPAHOE#CO	99	-24	51	92	84
		4*	.6	1	.1	EL PASO CO		-65			78
1	.7					FREMONT CO					
2	.6	1	.1			JEFFERSON CO	-84				
		1*	2.7			KIT CARSON CO					
				1*	1.1	LA PLATA CO					97
				2	.3	LARIMER CO					85
		1*	.7			LAS ANIMAS CO					
		1*	3.9			LINCOLN CO					
1*	2.4					RIO GRANDE CO					
		1	.2	1	.2	WELD CO		-15			83
16	.1	29	.2	16	.1	CONNECTICUT CT	48	-55	-33		
2	.1	12	.3	4	.1	FAIRFIELD CT	365	-73	27	89	78
5	.2	9	.2	5	.1	HARTFORD CT	48	-53	-31	59	78
1	.1	1	.1	1	.1	LITCHFIELD CT	-2	-31	-33	56	78
		1	.2			MIDDLESEX CT					
6	.2	5	.1	3	.1	NEW HAVEN CT	-29	-53	-67	20	77
1	.1	1	.1	1	.1	NEW LONDON CT	-22	-14	-33	55	77
				1	.2	TOLLAND CT					83
1	.3			1	.2	WINDHAM CT			-34	54	82
3	.2	2	.1	2	.1	DELAWARE DE	-43	-24	-56		
3	.3			2	.1	NEW CASTLE DE			-56	33	79
		2	.5			SUSSEX DE					
6	.2	5	.2	6*	.6	DIST. OF COLUMBIA DC	-2	210	203		
6	.2	5	.2	6*	.6	WASHINGTON DC	-2	210	203	99	92
24	.1	63	.2	98*	.2	FLORIDA FL	45	-17	20		
		1	.4	1	.2	ALACHUA FL		-63			81
				1*	1.7	BAKER FL					98
1	1.4			2*	.6	BAY FL			-59	29	92
1	.3	1	.1	3	.3	BREVARD FL	-63	145	-10	75	86
		4	.1	14	.2	BROWARD FL		37			82
				1	.4	CHARLOTTE FL					89
6	.2	12	.2	9	.1	DADE FL	30	-65	-54	35	78
3	.3	6	.3	11*	.5	DUVAL FL	13	48	67	94	91
		2	.5	4*	.6	ESCAMBIA FL		20			92
				1*	.8	GADSDEN FL					94
				1	.4	HIGHLANDS FL					88
3	.2	6	.3	2	.1	HILLSBOROUGH FL	54	-81	-71	17	77
				1*	1.1	HOLMES FL					97
		1	.9	1	.3	INDIAN RIVER FL		-65			87
				1*	.5	JACKSON FL					91
		1	.2	3*	.3	LAKE FL		87			87
				3	.2	LEE FL					83
1	.8					LEON FL					
1	.3	1	.3	4	.3	MANATEE FL	26	-5	20	87	87
1	.6			1	.2	MARION FL			-67	20	83
				1	.2	MARTIN FL					84
1*	3.2	1*	1.2	1*	1.0	NASSAU FL	-61	-20	-69	17	96

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WHITE FEMALE — CANCER OF THE EYE — ICD 190

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		2*	.9			OKALOOSA FL					
		2	.1	4	.2	ORANGE FL		25			83
				1	.7	OSCEOLA FL					93
		4	.2	8	.2	PALM BEACH FL		-6			63
1	.3	2	.2	1	.1	PASCO FL	-43	-66	-81	06	76
3	.2	8	.1	11	.2	PINELLAS FL	-20	36	9	83	82
1	.2	5*	.5	2	.1	POLK FL	232	-77	-23	67	79
		1	.4			ST LUCIE FL					
				2	.2	SARASOTA FL					84
				1	.2	SEMINOLE FL					82
		3	.2	2	.1	VOLUSIA FL		-53			77
1*	2.1					WASHINGTON FL					
26	.2	39	.3	20	.1	GEORGIA GA	8	-61	-58		
1	.8					BALDWIN GA					
				1*	2.1	BANKS GA					98
		1*	.9			BARTOW GA					
				1	.3	BIBB GA					85
		1*	2.1			BUTTS GA					
		2*	2.2			CATOOSA GA					
2	.4	4*	.6			CHATHAM GA	59				
		1*	1.3	1*	.8	CHATTOOGA GA		-37			95
1*	1.3					CHEROKEE GA					
		1	.2			CLAYTON GA					
		3*	.7	1	.2	COBB GA		-71			83
1*	1.1					COWETA GA					
1*	1.9					DECATUR GA					
2	.2	3	.3	8*	.5	DE KALB GA	37	68	130	98	91
				1*	1.4	DODGE GA					97
1*	2.0					DOUGLAS GA					
1*	1.5			1*	1.0	FANNIN GA			-38	50	96
		3*	1.0			FLOYD GA					
		1*	1.9			FORSYTH GA					
5	.3	6	.3	1	.0	FULTON GA	24	-86	-83	04	76
1*	1.6					GRADY GA					
		1	.8	1	.3	GWINNETT GA		-64			86
1*	1.5					HABERSHAM GA					
1*	1.4					HARALSON GA					
				2*	1.8	HENRY GA					98
		1*	2.8			JEFF DAVIS GA					
1*	6.2					LIBERTY GA					
		1	.6			LOWNDES GA					
1*	3.5	1*	1.6			MERIWETHER GA	-55				
		1*	3.4			MILLER GA					
		1*	2.1	1*	1.5	MURRAY GA		-27			98
1*	3.5					OGLETHORPE GA					
1*	1.9					PAULDING GA					
1	.3			1	.2	RICHMOND GA			-37	50	83
1*	3.7	1*	1.8			ROCKDALE GA	-52				
		1*	2.3			SCREVEN GA					
		1	.7			SPALDING GA					
		1*	1.3			TOOMBS GA					
1*	1.0					WARE GA					
		2*	3.2			WAYNE GA					
		1	.5			WHITFIELD GA					
1*	2.6					WILKES GA					
		1	.1	1	.1	HAWAII HI		-45			
				1	.1	HONOLULU HI					77
		1*	1.8			MAUI#HI					
7	.2	5	.2	6	.1	IDAHO ID	-30	-11	-38		
1	.3	2	.4	1	.2	ADA ID	49	-59	-40	47	81
1*	3.5					BENEWAH ID					
		1*	.6	1*	.9	BINGHAM ID		50			96
2*	.7					CANYON ID					
				2*	6.0	CARIBOU ID					99
		1*	2.0	1*	1.2	JEROME ID		-39			97
2*	1.3					KOOTENAI ID					
		1*	2.5			MADISON ID					
1	.4			1	.3	TWIN FALLS ID			-24	66	86
93	.2	92	.2	102*	.2	ILLINOIS IL	-15	-1	-16		
1	.2	1	.2	1	.2	ADAMS IL	-9	-26	-32	56	81
				1*	.6	BOONE IL					93
		1	.2			CHAMPAIGN IL					
		1	.5	2*	.8	CHRISTIAN IL		72			95
		1*	.5			CLARK IL					
1	.7					CLINTON IL					
1	.5			1	.2	COLES IL			-55	34	84
50	.2	39	.2	38	.1	COOK IL	-31	-7	-35	52	81
		1	.8			CRAWFORD IL					
				2*	.7	DE KALB IL					94
		1*	.7			DOUGLAS IL					
4	.6	4	.3	4	.2	DU PAGE IL	-44	-43	-68	18	82
1	.6	1	.6			EDGAR IL	0				
1	.7			1	.5	EFFINGHAM IL			-26	64	91
		1*	1.2			FORD IL					
		2*	.6	3*	1.2	FRANKLIN IL		99			97
				1	.3	FULTON IL					87
1*	2.0			1*	1.8	GALLATIN IL			-11	75	98
		1*	.7			GRUNDY IL					
1	.5					HANCOCK IL					
		2*	.8			HENRY IL					
1	.6			1	.7	IROQUOIS IL			21	88	94
		1	.4	1	.4	JEFFERSON IL		-14			88
		1	.9	1*	.7	JO DAVIESS IL		-18			94

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2	.2	1	.1	1	.1	KANE	IL	-51	-41	-71	16	76
2	.5					KNOX	IL					
1	.1	3	.2	2	.1	LAKE	IL	105	-52	-1	79	79
2	.3	1	.1			LA SALLE	IL	-58				
		1	.5			LAWRENCE	IL					
		1	.5	2*	.3	LIVINGSTON	IL		-33			88
				2*	1.3	MC DONOUGH	IL					97
		1	.2	1	.1	MC HENRY	IL		-17			80
		1	.2	1	.2	MC LEAN	IL		-9			83
				2*	.7	MACOUPIN	IL					93
		3	.3	1	.1	MADISON	IL		-70			77
		1	.3	2*	.5	MARION	IL		50			91
		1*	.9	1*	.9	MASON	IL		-2			95
		2*	2.3			MASSAC	IL					
				2*	3.1	MENARD	IL					99
		1	.4			MONTGOMERY	IL					
1	.6	1	.5			MORGAN	IL	-17				
2*	1.2			3*	.9	OGLE	IL			-23	67	96
2	.2	2	.2	3	.2	PEORIA	IL	-17	17	-3	78	84
				1*	.6	PERRY	IL					92
				1*	.5	PIKE	IL					92
		1*	4.1			PUTNAM	IL					
		1	.4	2*	.9	RANDOLPH	IL		114			96
		1*	.7			RICHLAND	IL					
1	.2	1	.1	2	.2	ROCK ISLAND	IL	-38	91	18	86	84
2	.2	3	.3	3	.3	ST CLAIR	IL	17	13	32	89	86
3*	1.7					SALINE	IL					
3	.3					SANGAMON	IL					
1	.5					SHELBY	IL					
		2*	.7			STEPHENSON	IL					
		1	.2	3*	.4	TAZEWELL	IL		105			90
1	.3			1	.1	VERMILION	IL			-57	32	79
		1	.7			WARREN	IL					
				1*	.6	WAYNE	IL					93
2*	.6			1	.3	WHITESIDE	IL			-52	38	87
1	.2	1	.1	4	.3	WILL	IL	-42	167	54	92	87
3*	1.1	1	.3			WILLIAMSON	IL	-75				
1	.1	1	.1	2	.1	WINNEBAGO	IL	-23	55	20	87	80
1	.7					WOODFORD	IL					
37	.2	47	.2	41	.1	INDIANA	IN	9	-25	-18		
3	.3	3	.2	1	.1	ALLEN	IN	-15	-71	-75	13	77
				1	.4	CASS	IN					89
1	.2	1	.4			CLARK	IN	67				
1	.6					CLAY	IN					
1	.4			1	.4	CLINTON	IN			-3	77	89
1	.7			2*	.9	DAVIESS	IN			31	89	96
1	.7	1	.7			DEARBORN	IN	0				
1	.7					DE KALB	IN					
		1	.2			DELAWARE	IN					
				1	.1	ELKHART	IN					81
				1*	.4	FAYETTE	IN					90
				2*	.6	FLOYD	IN					93
				1*	1.3	FRANKLIN	IN					97
		1*	1.1			FULTON	IN					
		1	.3	1	.3	GRANT	IN		7			87
1	.6					HENDRICKS	IN					
		4*	1.5	1	.4	HENRY	IN		-75			88
1	.3	1	.3			HOWARD	IN	-4				
		2*	1.0			JACKSON	IN					
		2*	1.4			JAY	IN					
				1*	.5	JEFFERSON	IN					91
				2*	.3	JOHNSON	IN					86
		1	.3			KNOX	IN					
1	.6	1	.4			KOSCIUSKO	IN	-31				
1*	.8					LAGRANGE	IN					
5	.3	3	.2	5	.2	LAKE	IN	-45	49	-18	71	85
2	.5					LA PORTE	IN					
2*	1.0	2*	.9	2*	.8	LAWRENCE	IN	-14	-13	-25	65	95
1	.2			1	.1	MADISON	IN			-39	48	79
2	.1	8	.2	1	.0	MARION	IN	318	-90	-56	33	76
1	.5					MARSHALL	IN					
		1*	2.0	1*	1.8	MARTIN	IN		-11			98
1	.4					MIAMI	IN					
		1	.4			MONROE	IN					
		1	.4			MORGAN	IN					
		1	.5			NOBLE	IN					
		1*	.9			ORANGE	IN					
1*	.9					PAPKE	IN					
1*	1.6					PIKE	IN					
		1	.4	2*	.4	PORTER	IN		-5			89
				1*	.8	POSEY	IN					95
		1	.6			PUTNAM	IN					
		1	.6			RANDOLPH	IN					
4	.5	1	.1	5*	.4	ST JOSEPH	IN	-87	454	-27	63	89
		2*	1.1	1	.5	SHELBY	IN		-58			90
		1*	.9	1*	.7	SPENCER	IN		-27			93
		1*	1.0			STEUBEN	IN					
1	.3	1	.2			TIPPECANOE	IN	-34				
				3	.3	VANDERBURGH	IN					87
				1*	.6	WARRICK	IN					92
		1*	.9			WASHINGTON	IN					
2	.5					WAYNE	IN					
				1*	.4	WELLS	IN					90
1*	.9					WHITE	IN					
				1*	.8	WHITLEY	IN					94
27	.2	34	.2	26	.1	IOWA	IA	13	-32	-24		
				1*	.6	ALLAMAKEE	IA					92

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		1	.8			BENTON IA					
1	.3	1	.2	1	.2	BLACK HAWK IA	-34	-9	-40	47	81
		1	.5			BOONE IA					
		1	.8	1*	.7	BUENA VISTA IA		-19			93
		1*	1.0			CASS IA					
				1	.3	CERRO GORDO IA					85
		1*	.6			CHEROKEE IA					
1	.7	1	.8			CLAYTON IA	9				
				1	.3	CLINTON IA					88
				1	.3	DUBUQUE IA					86
		2*	2.1			EMMET IA					
				1	.2	FAYETTE IA					85
		1	.6			FLOYD IA					
1*	1.3					FREMONT IA					
1*	1.6					GRUNDY IA					
				2*	1.7	GUTHRIE IA					98
				1*	.8	HAMILTON IA					95
1	.7					HARDIN IA					
				1*	1.0	HENRY IA					96
				1*	1.4	IOWA IA					97
				1	.3	JASPER IA					87
		1	.3			JOHNSON IA					
1*	.8	1*	.9			JONES IA	11				
2*	.8					LEE IA					
		4*	.5			LINN IA					
1*	1.0					LUCAS IA					
2*	1.3	1	.5			MAHASKA IA	-60				
		1*	1.7			MITCHELL IA					
				1*	.5	MONONA IA					90
1	.6					MUSCATINE IA					
		1*	.7	1*	.8	O'BRIEN IA		6			95
3	.2	3	.2	1	.1	POLK IA	-11	-64	-68	18	77
2	.4	1	.2	2	.4	POTTAWATTAMIE IA	-47	56	-17	71	88
				1*	1.4	RINGGOLD IA					97
4*	.8	3	.5	1	.1	SCOTT IA	-40	-69	-81	05	80
		1*	1.0			SHELBY IA					
				1*	.4	TAMA IA					88
1	.4					WAPELLO IA					
1*	.8	2*	1.1			WARREN IA	38				
				1*	1.2	WASHINGTON IA					97
1	.4					WEBSTER IA					
				1*	.8	WINNEBAGO IA					95
3*	2.6					WINNESHIEK IA					
		1	.2	2	.3	WOODBURY IA		78			86
		1*	1.8			WORTH IA					
		3*	2.9	1*	.8	WRIGHT IA		-73			95
25	.2	26	.2	11	.1	KANSAS KS	-16	-59	-66		
				1*	.4	ALLEN KS					90
				1*	.7	BOURBON KS					94
1	.5	1	.5			CHEROKEE KS	-11				
		1*	.7			CLOUD KS					
1	.6					DICKINSON KS					
				1*	1.5	DONIPHAN KS					98
1	.7					DOUGLAS KS					
				1*	3.2	GRAHAM KS					99
1*	1.1					GREENWOOD KS					
1*	7.2					HAMILTON KS					
1	.8	2*	1.5			HARVEY KS	82				
		1*	7.6			HASKELL KS					
		1*	1.5			JACKSON KS					
2	.5					JOHNSON KS					
1*	1.9					KINGMAN KS					
1*	1.4					LINN KS					
1*	5.5					LOGAN KS					
		1*	.5			MARION KS					
		2*	1.7			MIAMI KS					
		1*	1.6			MITCHELL KS					
1	.3	1	.3			MONTGOMERY KS	-16				
		1*	.6			NEMAHA KS					
1*	1.9					OSBORNE KS					
1*	1.1	1*	.8			REPUBLIC KS	-28				
				1*	.8	RICE KS					95
		1*	1.9			RUSH KS					
1*	1.7					RUSSELL KS					
		1	.4	1	.3	SALINE KS		-32			86
6*	.5	5	.3	2	.1	SEDGWICK KS	-38	-60	-75	12	79
1	.1	1	.1	1	.1	SHAWNEE KS	-7	29	20	87	81
		1	.3	1	.2	SUMNER KS		-33			84
1*	1.0					WASHINGTON KS					
2	.3	4*	.5	1	.1	WYANDOTTE KS	71	-75	-58	31	79
37	.3	30	.2	34	.2	KENTUCKY KY	-35	-3	-37		
1*	1.7					ALLEN KY					
1	.7					BARREN KY					
1	.9	1	.7	3*	1.8	BELL KY	-30	176	94	96	98
1	.5	1	.4			BOYD KY	-22				
		1*	1.5			BREATHITT KY					
		1*	1.3			BULLITT KY					
		1*	1.4			CALDWELL KY					
1*	.9	1	.7			CALLOWAY KY	-18				
2	.5			1	.2	CAMPBELL KY			-52	37	84
1	.6			1	.3	CHRISTIAN KY			-52	39	86
1*	1.2					CLARK KY					
1*	2.4					CLAY KY					
		1*	2.2			CLINTON KY					
		1*	2.8			EDMONSON KY					
		1*	2.4			ELLIOTT KY					
		1*	1.3			ESTILL KY					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
				1*	1.0	GRANT KY					96
				1	.4	GRAVES KY					88
1*	1.4					GRAYSON KY					
1*	2.1					GREEN KY					
		1	.5			HARDIN KY					
				1	.4	HARLAN KY					89
1	.4					HOPKINS KY					
7	.3	8	.3	7	.2	JEFFERSON KY	-17	-29	-41	46	82
2	.3	4*	.5	2	.3	KENTON KY	72	-53	-19	70	85
1	.6					KNOX KY					
1*	.5			1	.5	LAUREL KY			-12	74	91
1*	1.1					LAWRENCE KY					
1*	3.4					LEE KY					
		1*	1.3			LETCHER KY					
1*	1.5					LINCOLN KY					
2*	.9					MC CRACKEN KY					
				1*	1.4	MC CREARY KY					97
				1*	1.6	MC LEAN KY					98
				1	.5	MADISON KY					92
				1*	2.3	MAGOFFIN KY					99
				1*	.9	MARION KY					96
		1*	.8	1*	.5	MARSHALL KY		-32			91
		1*	1.1			MASON KY					
				1*	1.0	MERCER KY					96
1*	1.1			1*	1.6	MONROE KY			49	91	98
1*	1.6					MORGAN KY					
1	.6			1	.5	MUHLENBERG KY			-15	72	91
				1*	.8	NELSON KY					95
				1*	1.3	OLDHAM KY					97
				1*	.7	PERRY KY					93
1*	4.5					POWELL KY					
1	.4	1	.5	2*	.9	PULASKI KY	44	65	137	98	96
				1*	1.5	ROCKCASTLE KY					98
		1*	1.5			RUSSELL KY					
1*	1.9	1*	1.0			SIMPSON KY	-47				
1*	1.7	1*	1.1			TAYLOR KY	-32				
1	1.6			1	.5	WHITLEY KY			-68	19	91
12	.1	16	.1	19	.1	LOUISIANA LA	-5	-5	-10		
		1	.4			ACADIA LA					
		1*	1.0			BEAUREGARD LA					
3	.5	1	.1			CADDO LA	-70				
		1*	2.4	1*	1.5	CALDWELL LA		-40			98
1*	1.6					DE SOTO LA					
1	.4	2	.2	2	.2	EAST BATON ROUGE LA	-51	-3	-52	39	83
1*	1.5			1*	1.0	IBERVILLE LA			-33	55	96
1	.2	1	.1	3	.2	JEFFERSON LA	-64	219	16	85	83
		2*	.8	1	.3	LAFAYETTE LA		-63			86
		1*	1.7			LA SALLE LA					
				1*	1.2	LINCOLN LA					97
		1*	1.0			NATCHITOCHES LA					
2	.1	3	.1	3	.1	ORLEANS LA	3	0	3	80	79
		1	.3	1	.2	OUACHITA LA		-39			82
				1*	1.1	PLAQUEMINES LA					96
				1	.3	ST BERNARD LA					88
1*	1.4	1*	1.1			ST MARTIN LA	-21				
				1*	.7	ST MARY LA					93
1	.5					TANGIPAHOA LA					
1	.7					VERMILION LA					
				1*	.7	VERNON LA					93
				1	.5	WEBSTER LA					92
				1*	1.0	WEST CARROLL LA					96
10	.2	8	.1	7	.1	MAINE ME	-36	-16	-46		
1	.2			1	.2	ANDROSCOGGIN ME			-30	59	61
		2	.6			AROOSTOOK ME					
3	.3	1	.1	1	.1	CUMBERLAND ME	-67	3	-66	22	78
1	.5			1	.4	HANCOCK ME			-28	62	89
1	.2	3*	.5	1	.2	KENNEBEC ME	145	-59	-1	79	83
				1	.2	KNOX ME					82
		1	.3			OXFORD ME					
1	.2			1	.1	PENOBSCOT ME			-21	69	80
1*	1.1	1*	.7			PISCATAQUIS ME	-35				
				1	.3	SOMERSET ME					87
2*	1.0					WASHINGTON ME					
16	.2	28	.2	22	.1	MARYLAND MD	33	-41	-21		
		1	.2			ALLEGANY MD					
1	.3	1	.1			ANNE ARUNDEL MD	-72				
3	.2	3	.1	4	.1	BALTIMORE MD	-37	-28	-55	35	78
		2*	2.2			CAROLINE MD					
		2*	.6			CARROLL MD					
1*	1.5					CHARLES MD					
		3*	.8			FREDERICK MD					
				1*	.7	GARRETT MD					94
				2	.3	HARFORD MD					86
1*	1.0			1	.3	HOWARD MD			-75	13	85
				1*	2.1	KENT MD					98
3	.2	4	.2	3	.1	MONTGOMERY MD	23	-54	-44	43	79
3	.4	2	.1	1	.1	PRINCE GEORGE'S MD	-80	-21	-84	03	76
				1*	.8	SOMERSET MD					95
		2	.4	1	.2	WASHINGTON MD		-56			82
4	.1	8	.2	7	.2	BALTIMORE CITY MD	117	-23	67	94	82
52	.2	50	.2	42	.1	MASSACHUSETTS MA	-17	-29	-42		
3*	.8			3	.3	BARNSTABLE MA			-59	29	87
2	.2					BERKSHIRE MA					

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
5	.2	5	.2	2	.1	BRISTOL MA	-12	-66	-70	17	77
4	.1	8	.2	2	.0	ESSEX MA	83	-79	-62	26	76
4	.2	7	.3	4	.1	HAMPDEN MA	39	-44	-22	68	81
				3*	.3	HAMPSHIRE MA					87
9	.1	14	.2	7	.1	MIDDLESEX MA	32	-51	-35	53	78
7	.3	5	.2	8	.2	NORFOLK MA	-40	17	-30	60	83
1	.1	2	.1	1	.1	PLYMOUTH MA	34	-49	-32	57	76
11	.2	5	.1	8	.2	SUFFOLK MA	-48	52	-21	69	82
6	.2	4	.1	4	.1	WORCESTER MA	-40	-35	-60	28	77
45	.2	66	.2	49	.1	MICHIGAN MI	18	-36	-24		
2*	.7			2*	.5	ALLEGAN MI			-20	70	91
1*	3.3					BARAGA MI					
1	.2	1	.2	3*	.5	BAY MI	-19	175	123	97	91
2	.3	3	.4	1	.1	BERRIEN MI	19	-73	-68	19	78
		1	.4	1	.5	BRANCH MI		15			90
2	.3			1	.1	CALHOUN MI			-58	30	80
		1	.5	1	.4	CASS MI		-16			90
		1*	1.2			CHEBOYGAN MI					
				1*	.6	CHIPPEWA MI					93
		1*	1.7			CLARE MI					
				1	.3	DELTA MI					88
		1	1.0			DICKINSON MI					
				2*	.7	EATON MI					93
		2*	2.4			EMMET MI					
2	.2	1	.1	3	.2	GENESEE MI	-65	124	-21	68	81
				1*	.4	GOGEBIC MI					88
		1	.5	1	.4	GRATIOT MI		-19			89
				2*	.8	HILLSDALE MI					95
1	.5	1	.3			HOUGHTON MI	-35				
1	.1	3	.3	2	.2	INGHAM MI	200	-49	54	92	81
1*	.9					IRON MI					
		1	.7			ISABELLA MI					
2	.3			1	.1	KALAMAZOO MI			-74	14	78
3	.2	2	.1	1	.0	KENT MI	-41	-66	-80	06	76
		1	.2			LENAWEE MI					
1	.6					LIVINGSTON MI					
2	.1	2	.1	1	.0	MACOMB MI	-42	-30	-59	28	76
1*	.9					MANISTEE MI					
		2*	1.1			MENOMINEE MI					
1	1.1			2*	.7	MIDLAND MI			-42	46	93
		1*	2.2			MISSAUKEE MI					
		1	.2			MONROE MI					
				1	.4	MONTCALM MI					89
		1	.1	2	.3	MUSKEGON MI		93			86
2	.1	7	.2	5	.1	OAKLAND MI	50	-48	-23	67	79
1	.1	1	.1	3	.3	SAGINAW MI	-23	219	146	99	88
2	.4	2	.4			ST CLAIR MI	-17				
1	.5					ST JOSEPH MI					
		1	.5			SANILAC MI					
1	.3					SHIAWASSEE MI					
		1	.4			TUSCOLA MI					
		1	.4	1	.3	VAN BUREN MI		-28			86
		2	.3	1	.1	WASHTENAW MI		-58			79
15	.2	23	.2	9	.1	WAYNE MI	34	-57	-42	44	78
55*	.3	43	.2	34	.1	MINNESOTA MN	-32	-36	-57		
2*	1.1	2	.8	1	.2	ANOKA MN	-30	-76	-84	03	83
1*	.7					BECKER MN					
				2*	1.2	BELTRAMI MN					97
1*	.8					BENTON MN					
1	.5	1	.5			BLUE EARTH MN	-5				
		2*	1.0	2*	.7	BROWN MN		-35			93
1	.9					CARLTON MN					
		1*	1.1			CASS MN					
1*	1.1					CHIPPEWA MN					
1*	1.2			1*	.8	CHISAGO MN			-36	51	95
1*	2.4					CLEARWATER MN					
1*	1.2	1*	.9			COTTONWOOD MN	-25				
3*	1.2	1	.4	1	.1	DAKOTA MN	-65	-76	-92	00	78
4*	3.1					DOUGLAS MN					
		2*	1.4	1*	.3	FARIBAULT MN		-81			86
				1*	.4	FILLMORE MN					89
4	.1	16*	.3	12	.2	HENNEPIN MN	281	-37	138	99	84
2*	1.1			1	.4	ITASCA MN			-65	23	88
1*	2.1					KANABEC MN					
		1*	1.6			LAC QUI PARLE MN					
1*	2.8					LAKE MN					
1*	6.5					MAHNOMEN MN					
1*	1.5					MILLE LACS MN					
		2*	1.3			MORRISON MN					
2*	1.8					NICOLLET MN					
		2	.5			OLMSTED MN					
2*	.7					OTTER TAIL MN					
		1	.4			POLK MN					
11*	.5	3	.1	5	.2	RAMSEY MN	-78	62	-64	25	83
		1*	.9			REDWOOD MN					
				1*	.4	RENVILLE MN					89
1	.6					RICE MN					
		1*	1.4			ROCK MN					
5	.4	1	.1			ST LOUIS MN	-80				
				1*	.7	SCOTT MN					94
1*	1.6					SHERBURNE MN					
1*	1.1					SIBLEY MN					
1	.3	3*	.8			STEARNS MN	160				
				1*	.7	STEELE MN					94
		1*	1.4			SWIFT MN					
				1*	1.7	TRAVERSE MN					98
				1	.2	WASHINGTON MN					84

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WHITE FEMALE 1950-1959 DEATHS	RATE	1960-1969 DEATHS	RATE	1970-1979 DEATHS	RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	ICD 190 PERCENTILE RATES 1970S
				1*	2.1	WILKIN MN					99
4*	1.8			1	.4	WINONA MN			-80	07	88
		1*	1.0			YELLOW MEDICINE MN					
14	.3	19	.3	22*	.2	MISSISSIPPI MS	-3	-16	-18		
1*	3.2					AMITE MS					
1*	1.2					BOLIVAR MS					
1*	2.8					CARROLL MS					
		1*	1.4			CHICKASAW MS					
				1*	1.6	CHOCTAW MS					98
1*	2.2			1*	2.2	CLARKE MS			1	80	99
				1*	.8	CLAY MS					95
		2*	2.1	1*	1.3	COPIAH MS		-38			97
1*	2.4					DE SOTO MS					
		1	.5			FORREST MS					
				1*	1.8	GEORGE MS					98
		1*	1.6			HANCOCK MS					
		3	.6	1	.1	HINDS MS		-79			79
		1*	2.0			HOLMES MS					
1	.6					JACKSON MS					
		1	.4	2*	.6	JONES MS		45			93
		1*	1.2	1*	.6	LAFAYETTE MS		-51			92
1*	2.5					LAMAR MS					
		1	.3			LAUDERDALE MS					
1	.6			2*	.6	LEE MS			4	81	93
		1*	1.0			LEFLORE MS					
1*	2.6					LINCOLN MS					
				1*	.6	LOWNDES MS					92
1*	2.5			1*	.9	MARION MS			-65	24	96
		1*	1.2			NESHOBA MS					
2*	2.6					NEWTON MS					
				1*	.5	PIKE MS					90
		1*	1.1	1*	.8	PRENTISS MS		-32			95
				1	.5	RANKIN MS					91
1*	1.7					SCOTT MS					
				1*	3.0	STONE MS					99
				1*	1.1	TATE MS					97
1*	1.5	1*	1.3			TIPPAH MS	-18				
				1*	.7	UNION MS					93
		2*	4.3			WALTHALL MS					
		1	.7			WASHINGTON MS					
				2*	2.9	WAYNE MS					99
				1*	2.5	WEBSTER MS					99
55	.2	43	.2	36	.1	MISSOURI MO	-30	-35	-54		
				1	.5	AUDRAIN MO					91
1	.9					BARRY MO					
		1*	.9			BATES MO					
		2	.4	3*	.4	BUCHANAN MO		-1			89
				1	.4	BUTLER MO					90
1	.5	2*	.8			CAPE GIRARDEAU MO	82				
				2*	1.2	CARROLL MO					97
		1	.3	1	.2	CLAY MO		-48			81
3*	1.6	1	.4			COLE MO	-76				
				1*	1.0	DADE MO					96
				1*	1.4	DOUGLAS MO					97
		1	.5	1	.4	DUNKLIN MO		-21			89
		1	.4			FRANKLIN MO					
		2*	2.7			GASCONADE MO					
3	.4	1	.1			GREENE MO	-69				
				1*	.8	HARRISON MO					95
				1	.3	HENRY MO					86
		1*	1.0			HOLT MO					
12*	.4	9	.3	3	.1	JACKSON MO	-34	-73	-82	04	77
2	.4					JASPER MO					
2*	.9	1	.4	1	.2	JEFFERSON MO	-50	-57	-78	08	83
		1*	1.8			KNOX MO					
1*	1.1					LACLEDE MO					
1	.7					LAFAYETTE MO					
1	.6					LAWRENCE MO					
				1*	.6	LINCOLN MO					92
				1*	.8	LINN MO					95
				1*	.8	MC DONALD MO					95
		1	.7			MACON MO					
				1*	2.2	MADISON MO					99
1	.9			1	.4	MARION MO			-58	31	89
				1*	1.0	MISSISSIPPI MO					96
1*	1.1					MONITEAU MO					
1	1.0					NODAWAY MO					
1*	1.5					OSAGE MO					
1	.5	1*	1.0			PEMISCOT MO	76				
1*	1.5					PERRY MO					
		1	.4			PETTIS MO					
1	.8			1*	.5	PHELPS MO			-31	58	92
1*	1.0					POLK MO					
1*	1.5					PUTNAM MO					
1	.8					RANDOLPH MO					
				1*	2.1	REYNOLDS MO					99
				1	.3	ST CHARLES MO					87
		1*	1.6			ST CLAIR MO					
				2*	.5	ST FRANCOIS MO					90
9	.4	4	.1	2	.0	ST LOUIS COUNTY MO	-70	-67	-90	01	76
		1	.7			SCOTT MO					
1*	2.0					STONE MO					
		1*	2.4			SULLIVAN MO					
				1*	.4	TEXAS MO					90
1	.7					VERNON MO					
				1*	.7	WARREN MO					94
		1*	1.3	1*	1.4	WASHINGTON MO		8			97

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WHITE FEMALE 1950-1959 DEATHS	RATE	1960-1969 DEATHS	RATE	1970-1979 DEATHS	RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
				1*	.6	WRIGHT MO					93
7	.2	8	.3	2	.0	ST LOUIS CITY MO	51	-81	-72	16	76
7	.2	10	.3	2	.1	MONTANA MT	39	-81	-74		
3*	1.0	1	.3	1	.2	CASCADE MT	-70	-25	-78	10	84
		2*	3.4			DAWSON MT					
1	.5					FLATHEAD MT					
1*	4.5					GLACIER MT					
		1*	1.6			LAKE MT					
		1	.6			LEWIS AND CLARK MT					
		1	.4	1	.4	MISSOULA MT		-14			88
		2*	2.3			RAVALLI MT					
		1*	2.1			RICHLAND MT					
1	.4					SILVER BOW MT					
1	.2	1	.3			YELLOWSTONE MT	5				
22	.3	21	.3	19	.2	NEBRASKA NB	-13	-23	-33		
				1*	2.8	BOONE NB					99
		1*	5.1			BOYD NB					
		1	.5			BUFFALO NB					
		1*	1.6			CEDAR NB					
		1*	2.7			CHERRY NB					
1*	1.7					CHEYENNE NB					
				2*	3.1	COLFAX NB					99
1*	1.5	1*	1.0			CUMING NB	-35				
				2*	2.0	CUSTER NB					98
1*	1.9					DAWES NB					
1*	.9					DAWSON NB					
1*	1.7					DIXON NB					
1	.6					DODGE NB					
6	.4	6	.3	3	.2	DOUGLAS NB	-15	-50	-58	30	81
2*	1.5	1	.4			GAGE NB	-71				
1	.5					HALL NB					
1*	1.7					HAMILTON NB					
1*	3.1					HITCHCOCK NB					
		1*	1.5			JOHNSON NB					
				1*	.9	KNOX NB					95
1	.1	3	.4			LANCASTER NB	152				
		2*	1.3			MADISON NB					
				1*	.4	OTOE NB					90
				1*	1.0	POLK NB					96
				2*	1.5	RICHARDSON NB					98
				1*	3.3	ROCK NB					99
2*	2.8					SALINE NB					
				1	.7	SARPY NB					94
		1*	.8			SAUNDERS NB					
		1	.5	1	.4	SCOTTS BLUFF NB		-25			89
				1*	3.3	SHERIDAN NB					99
				1*	1.3	WASHINGTON NB					97
				1*	1.5	WEBSTER NB					98
2*	2.4	1*	1.3			YORK NB	-46				
1	.2	3	.3	6	.3	NEVADA NV	103	-17	68		
		1*	2.1			CHURCHILL NV					
				2	.1	CLARK NV					78
		1*	2.4	1*	1.8	ELKO NV		-26			98
				1*	3.1	LYON NV					99
1	.4	1	.5	2	.3	WASHOE NV	25	-33	-16	72	88
7	.2	8	.2	7	.1	NEW HAMPSHIRE NH	-2	-39	-40		
1	.6	1	.6	1	.5	BELKNAP NH	-10	-21	-29	61	90
1*	.9	1*	1.0			CARROLL NH	16				
				1	.4	COOS NH					88
		1	.3			GRAFTON NH					
2	.2	3	.3	3	.2	HILLSBOROUGH NH	22	-33	-18	71	82
1	.2	1	.2			ROCKINGHAM NH	-19				
2	.7	1	.3			STRAFFORD NH	-57				
				2*	.9	SULLIVAN NH					96
55	.2	70	.2	59	.1	NEW JERSEY NJ	-1	-32	-32		
2	.3	2	.1	1	.1	ATLANTIC NJ	-46	-58	-78	10	77
5	.1	7	.1	8	.1	BERGEN NJ	12	-5	7	82	80
		3	.3	2	.1	BURLINGTON NJ		-51			79
2	.2	5	.2	2	.1	CAMDEN NJ	28	-66	-57	32	77
2	.4	1	.2	1	.2	CUMBERLAND NJ	-59	7	-56	34	81
7	.2	5	.1	5	.1	ESSEX NJ	-31	-8	-37	51	79
2	.5	3	.4	1	.1	GLOUCESTER NJ	-18	-74	-79	07	79
7	.2	7	.2	9	.2	HUDSON NJ	-5	15	9	84	84
2*	.7			1	.2	HUNTERDON NJ			-66	22	85
2	.2	4	.3	4	.2	MERCER NJ	79	-17	49	91	85
2	.1	8*	.4	6	.2	MIDDLESEX NJ	264	-52	73	95	83
2	.1	7	.4	5	.2	MONMOUTH NJ	148	-50	24	88	82
2	.2	5	.3	3	.2	MORRIS NJ	80	-53	-15	72	81
3*	.7			6	.2	OCEAN NJ			-66	23	84
5	.3	4	.2	1	.0	PASSAIC NJ	-42	-80	-88	02	76
2	.4	1	.1	3	.3	SOMERSET NJ	-74	190	-26	65	87
8	.4	8	.3	1	.0	UNION NJ	-24	-89	-92	00	76
4	.1	8	.2	5	.1	NEW MEXICO NM	72	-55	-22		
		4	.4	1	.1	BERNALILLO NM		-79			77
1	1.0					CHAVES NM					
1*	1.7					COLFAX NM					
				1	.7	CURRY NM					94
				1	.3	DONA ANA NM					88
		1*	2.2			LUNA NM					

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WHITE FEMALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1*	1.4			OTERO	NM					
				1*	.5	SAN JUAN	NM					91
1*	.5					SAN MIGUEL	NM					
		2*	1.1			SANTA FE	NM					
1*	2.8					UNION	NM					
				1*	1.0	VALENCIA	NM					96
174	.2	161	.2	134	.1	NEW YORK	NY	-22	-20	-38		
2	.1	2	.1	1	.0	ALBANY	NY	-23	-73	-79	07	76
18	.3	11	.2	6	.1	BRONX	NY	-41	-24	-55	35	79
6*	.5	2	.2	1	.1	BROOME	NY	-67	-60	-87	03	77
1	.2	1	.2	2	.4	CATTARAUGUS	NY	2	69	72	95	89
2	.5					CAYUGA	NY					
2	.2	1	.1	1	.1	CHAUTAUQUA	NY	-50	-31	-65	24	78
2	.4	2	.4	3*	.6	CHEMUNG	NY	-5	55	47	91	92
				1	.3	CHENANGO	NY					87
				1	.4	CORTLAND	NY					90
				1	.1	DUTCHESS	NY					79
12	.2	8	.1	16*	.3	ERIE	NY	-44	85	4	81	85
1	.6	1	.5			ESSEX	NY	-20				
		2*	.9			FRANKLIN	NY					
				1	.2	FULTON	NY					84
1	.5	2*	1.0			GREENE	NY	115				
1	.3	1	.2			HERKIMER	NY	-30				
		1	.1			JEFFERSON	NY					
35	.3	16	.1	15	.1	KINGS(BROOKLYN)	NY	-58	11	-54	37	80
		1	.4	2*	.7	LIVINGSTON	NY		70			94
1	.4	1	.4			MADISON	NY	2				
6	.2	9	.2	5	.1	MONROE	NY	14	-43	-35	53	80
				1	.3	MONTGOMERY	NY					85
10	.2	17	.3	10	.1	NASSAU	NY	14	-46	-39	48	80
18	.2	30*	.3	11	.1	NEW YORK(MANHATTAN)	NY	72	-57	-26	64	80
2	.2	4	.4	1	.1	NIAGARA	NY	76	-81	-67	21	77
3	.2	4	.2	2	.2	ONEIDA	NY	9	-38	-32	57	81
4	.2	3	.1	4	.2	ONONDAGA	NY	-40	8	-35	53	81
				1	.3	ONTARIO	NY					86
1	.1	2	.2	1	.1	ORANGE	NY	62	-45	-11	75	78
		1	.6	1	.5	ORLEANS	NY		-22			90
2	.5			1	.1	OSWEGO	NY			-68	19	80
1	.9					PUTNAM	NY					
16	.2	20	.2	21	.2	QUEENS	NY	4	-14	-10	75	81
2	.2	2	.2	1	.1	RENSSELAER	NY	-24	-50	-62	27	78
1	.1	1	.1	2	.1	RICHMOND	NY	-22	40	10	84	79
1	.2	1	.1	1	.1	ROCKLAND	NY	-28	-53	-66	21	77
				1	.1	SARATOGA	NY					80
2	.2	2	.2	2	.3	SCHENECTADY	NY	-10	42	28	89	86
1	.9					SCHOHARIE	NY					
1	.6					SENECA	NY					
2	.3	2	.3	1	.2	STEUBEN	NY	-15	-39	-49	40	82
6	.3	4	.1	3	.1	SUFFOLK	NY	-60	-51	-81	05	76
		1	.4	1	.4	TIOGA	NY		-13			88
1	.3					TOMPKINS	NY					
1	.2	1	.1	2	.2	ULSTER	NY	-28	52	9	83	83
1	.4					WARREN	NY					
				1	.3	WASHINGTON	NY					87
8	.3	5	.1	9	.2	WESTCHESTER	NY	-57	47	-36	52	81
49*	.4	29	.2	31	.1	NORTH CAROLINA	NC	-58	-24	-68		
1	.4			1	.2	ALAMANCE	NC			-54	36	83
1*	1.0					ALEXANDER	NC					
				1*	1.1	ALLEGHANY	NC					97
1*	.8					ASHE	NC					
1*	.7			1*	.5	BEAUFORT	NC			-30	59	91
1*	5.0					BRUNSWICK	NC					
4*	.7	1	.1	2	.1	BUNCOMBE	NC	-85	33	-80	06	80
2*	1.5	1	.3	2*	.7	BURKE	NC	-78	103	-55	34	94
2*	1.2			1	.2	CABARRUS	NC			-84	03	83
1	.3					CATAWBA	NC					
1	1.2			1	.5	COLUMBUS	NC			-58	30	91
2*	2.5					CRAVEN	NC					
1	1.9			2	.5	CUMBERLAND	NC			-76	11	90
1	.4	1	.3			DAVIDSON	NC	-31				
				1*	.6	DUPLIN	NC					93
				1	.2	DURHAM	NC					82
1*	.9					EDGECOMBE	NC					
3	.5			2	.3	FORSYTH	NC			-46	42	86
2	.4			2	.3	GASTON	NC			-26	64	85
1*	1.1			1*	.8	GRANVILLE	NC			-29	60	94
1*	3.1					GREENE	NC					
1	.1	4	.4			GUILFORD	NC	295				
		1	.7	1	.4	HALIFAX	NC		-37			90
1	.9					HARNETT	NC					
				1	.2	HENDERSON	NC					83
				1*	1.6	HOKE	NC					98
1	.5					IREDELL	NC					
1*	1.1			1*	1.1	JACKSON	NC			-2	78	96
2*	1.3	1	.4			JOHNSTON	NC	-67				
1*	4.2	1*	4.3			JONES	NC	4				
		1	.5			LENOIR	NC					
		1*	.7			LINCOLN	NC					
				1*	.9	MARTIN	NC					96
2	.4					MECKLENBURG	NC					
		1	.6			NASH	NC					
1	.5	2*	.7	1	.2	NEW HANOVER	NC	44	-63	-47	41	85
		1*	1.3			NORTHAMPTON	NC					
1*	1.0					ONSLOW	NC					
		1	.6			ORANGE	NC					
1*	1.6					PASQUOTANK	NC					
1	.5			1	.4	PITT	NC			-25	66	89

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		1*	1.2			POLK	NC					
1	.5			2*	.5	RANDOLPH	NC			16	85	91
				1	.6	RICHMOND	NC					92
1	.7	1	.5			ROBESON	NC	-28				
1	.3	2	.5			ROWAN	NC	67				
		1	.5			RUTHERFORD	NC					
1*	1.8			1*	.8	SCOTLAND	NC			-53	37	95
				1	.3	STANLY	NC					88
		1*	5.3			TYRRELL	NC					
		2	.3			WAKE	NC					
		1*	2.7			WASHINGTON	NC					
1*	1.3					WATAUGA	NC					
		1	.4			WAYNE	NC					
				1	.4	WILKES	NC					89
1	.8					WILSON	NC					
2*	2.6	2*	1.7			YADKIN	NC	-36				
1*	1.9					YANCEY	NC					
1	.0	6	.2	8	.2	NORTH DAKOTA	ND	376	36	545		
		2*	1.8	2*	2.4	BARNES	ND		36			99
				1*	3.0	BURKE	ND					99
		1	.2			CASS	ND					
		1*	3.1			FOSTER	ND					
				1*	2.3	MC INTOSH	ND					99
		1*	2.6			RANSOM	ND					
				2*	1.7	STARK	ND					98
				2*	4.4	WELLS	ND					99
1*	1.1	1*	.8			WILLIAMS	ND	-23				
88	.2	79	.2	69	.1	OHIO	OH	-22	-26	-43		
		3*	.6			ALLEN	OH					
		1	.2			ASHTABULA	OH					
2*	.7			2*	.8	ATHENS	OH			10	84	94
		1	.4			AUGLAIZE	OH					
1	.2	1	.2			BELMONT	OH	-8				
		2	.2	3	.2	BUTLER	OH		9			84
5*	.8			2	.3	CLARK	OH			-66	23	86
		1	.3			CLERMONT	OH					
		1	.5			CLINTON	OH					
1	.2	1	.2	2	.3	COLUMBIANA	OH	-10	72	55	92	87
10	.1	14	.2	7	.1	CUYAHOGA	OH	29	-58	-46	41	77
				1	.2	DARKE	OH					84
1	.5					DELAWARE	OH					
3*	1.1			2*	.5	ERIE	OH			-50	39	91
2	.6	2	.6			FAIRFIELD	OH	-3				
1	.7					FAYETTE	OH					
6	.3	4	.1	3	.1	FRANKLIN	OH	-45	-44	-70	17	77
		1	.7			FULTON	OH					
				1	.2	GREENE	OH					81
1	.4					GUERNSEY	OH					
8	.2	7	.2	7	.1	HAMILTON	OH	-28	-1	-29	61	80
1	.4					HANCOCK	OH					
		1	.8			HENRY	OH					
				1*	.4	HOCKING	OH					90
				1	.3	JACKSON	OH					86
1	.2	2	.4	1	.2	JEFFERSON	OH	86	-60	-26	64	82
1	.2	1	.1	1	.1	LAKE	OH	-58	2	-57	32	78
				1	.3	LAWRENCE	OH					87
3*	.8	1	.2	1	.2	LICKING	OH	-77	-17	-81	05	81
2	.3	2	.2	1	.1	LORAIN	OH	-28	-54	-67	21	78
8	.4	4	.2	1	.0	LUCAS	OH	-53	-80	-90	01	76
		1*	.6	2*	1.4	MADISON	OH		134			97
4	.4	2	.1	4	.2	MAHONING	OH	-63	76	-35	52	85
1	.3					MARION	OH					
		2*	.6	3*	.6	MEDINA	OH		4			93
				1	.2	MIAMI	OH					83
4	.2	3	.1	4	.1	MONTGOMERY	OH	-33	22	-19	71	81
1*	1.0					MORROW	OH					
1	.2			1	.1	MUSKINGUM	OH			-33	54	80
		1*	1.0			NOBLE	OH					
				1	.4	OTTAWA	OH					90
1	.6					PERRY	OH					
		1*	.9			PIKE	OH					
1	.4					PUTNAM	OH					
2	.4			1	.2	RICHLAND	OH			-54	36	82
2*	.9	1	.3			ROSS	OH	-63				
				1	.1	SCIOTO	OH					80
		2*	.6	1	.3	SENECA	OH		-49			87
		1	.6	1	.4	SHELBY	OH		-33			89
5	.3	3	.2	2	.1	STARK	OH	-52	-58	-80	07	77
3	.1	4	.2	7	.2	SUMMIT	OH	15	53	76	95	85
		2	.2			TRUMBULL	OH					
4*	1.0	3*	.7	1	.2	TUSCARAWAS	OH	-26	-71	-79	08	84
				1*	.6	UNION	OH					93
1	.3					WARREN	OH					
1	.3	1	.3			WASHINGTON	OH	0				
		1	.2			WAYNE	OH					
		1	.7			WYANDOT	OH					
19	.2	27	.2	16	.1	OKLAHOMA	OK	15	-48	-40		
				1	.4	BRYAN	OK					88
				1	.6	CARTER	OK					92
				1*	.8	CHEROKEE	OK					95
				1*	.6	CHOCTAW	OK					93
1	.4			1	.2	CLEVELAND	OK			-46	42	85
1*	2.3					DEWEY	OK					
		1*	2.6			ELLIS	OK					
				2*	.5	GARFIELD	OK					91

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1	.8					GARVIN	OK					
		1	.6			GRADY	OK					
		1*	1.1			GREER	OK					
		1*	1.5			HASKELL	OK					
1*	1.0					JACKSON	OK					
1	.3					KAY	OK					
1*	1.5					KINGFISHER	OK					
1*	1.0			2*	1.7	KIOWA	OK			62	93	98
		1*	.5			LOGAN	OK					
1*	1.7					MC INTOSH	OK					
1*	1.1	2*	1.7			MAYES	OK	55				
		6	.3	3	.1	OKLAHOMA	OK		-51			80
		1	.5			OKMULGEE	OK					
2*	1.5					OSAGE	OK					
		2*	1.0			PAYNE	OK					
1	.6					PITTSBURG	OK					
		2*	1.1			PONTOTOC	OK					
		1	.4			POTTAWATOMIE	OK					
1	.9			1*	.6	SEMINOLE	OK			-41	46	92
2*	2.4					SEQUOYAH	OK					
				1	.3	STEPHENS	OK					86
1*	1.3					TILLMAN	OK					
1	.1	6	.3	2	.1	TULSA	OK	244	-70	4	81	78
1	.5	1	.4			WASHINGTON	OK	-25				
		1*	.9			WOODS	OK					
1*	1.3					WOODWARD	OK					
24	.3	23	.2	18	.1	OREGON	OR	-18	-45	-55		
1*	1.0					BAKER	OR					
1	.2	2	.3	4*	.4	CLACKAMAS	OR	66	27	111	96	88
1	.5					CLATSOP	OR					
		1*	.8			COLUMBIA	OR					
1*	.7					DESCHUTES	OR					
		2*	.8			DOUGLAS	OR					
1*	1.4					HOOD RIVER	OR					
		1	.2			JACKSON	OR					
3	.4	1	.1	3	.2	LANE	OR	-74	137	-38	50	85
		1	.3	1	.2	LINN	OR		-25			85
4*	.6	3	.4	2	.2	MARION	OR	-32	-50	-66	22	83
7	.2	6	.2	7	.2	MULTNOMAH	OR	-31	-3	-33	54	81
		1	.6			POLK	OR					
2*	2.0					TILLAMOOK	OR					
2*	.9	2*	.9			UMATILLA	OR	-1				
		1*	2.9			WALLOWA	OR					
1*	1.3					WASCO	OR					
		2*	1.0	1	.3	YAMHILL	OR		-73			86
105	.2	105	.2	82	.1	PENNSYLVANIA	PA	-13	-31	-40		
1	.3	1	.4			ADAMS	PA	37				
16	.2	22	.3	9	.1	ALLEGHENY	PA	24	-59	-49	40	78
				2	.4	ARMSTRONG	PA					89
		3	.4	1	.1	BEAVER	PA		-73			78
1	.5	1	.4			BEDFORD	PA	-17				
2	.1	4	.2	2	.1	BERKS	PA	47	-54	-32	57	78
1	.1			1	.1	BLAIR	PA			-6	76	79
1	.3	1	.4			BRADFORD	PA	8				
1	.1	6*	.4	3	.1	BUCKS	PA	231	-59	36	90	81
1	.2			1	.2	BUTLER	PA			-29	60	81
1	.1	2	.2	2	.2	CAMBRIA	PA	88	14	115	97	84
1	.3					CARBON	PA					
		1	.2	2*	.5	CENTRE	PA		127			91
		4	.3	4	.3	CHESTER	PA		-20			86
1	.6	1	.4			CLARION	PA	-29				
1	.2	1	.2			CLEARFIELD	PA	5				
				1	.4	CLINTON	PA					89
1	.2	1	.1	1	.1	CUMBERLAND	PA	-33	-12	-41	46	79
5	.5	2	.2	3	.2	DAUPHIN	PA	-68	22	-61	28	82
5	.3	3	.1	2	.1	DELAWARE	PA	-61	-43	-78	09	76
1	.1			1	.1	ERIE	PA			-28	61	77
		1	.1	1	.1	FAYETTE	PA		-36			77
1	.2	1	.2			FRANKLIN	PA	-20				
1	.4					HUNTINGDON	PA					
		1	.2	1	.2	INDIANA	PA		-8			84
		1	.4			JEFFERSON	PA					
1*	1.4					JUNIATA	PA					
4	.3			2	.1	LACKAWANNA	PA			-64	25	78
3	.2	2	.1	5	.3	LANCASTER	PA	-37	110	32	90	85
		1	.2			LAWRENCE	PA					
1	.2			2	.2	LEBANON	PA			-2	78	82
2	.2	2	.2	1	.1	LEHIGH	PA	-7	-60	-63	25	76
7	.3	3	.1	8*	.3	LUZERNE	PA	-61	121	-13	73	87
1	.4					MC KEAN	PA					
1	.1	1	.1			MERCER	PA	-1				
		1	.4			MONROE	PA					
5	.2	7	.2	6	.1	MONTGOMERY	PA	0	-32	-32	57	80
1*	.8					MONTOUR	PA					
2	.2	5*	.4	3	.2	NORTHAMPTON	PA	116	-45	18	86	84
2	.3	1	.2	2	.2	NORTHUMBERLAND	PA	-46	64	-12	74	85
		1	.7			PERRY	PA					
23	.3	15	.2	11	.1	PHILADELPHIA	PA	-36	-11	-43	44	80
4	.4	1	.1	1	.2	SCHUYLKILL	PA	-77	91	-56	33	82
1	.9					SNYDER	PA					
		1	.2			SOMERSET	PA					
		1	.5			TIOGA	PA					
		3*	.8			VENANGO	PA					
1	.4					WARREN	PA					
1	.1			1	.1	WASHINGTON	PA			-52	38	77
3	.2	1	.1	2	.1	WESTMORELAND	PA	-64	49	-47	41	78
		2	.1	1	.0	YORK	PA		-66			76

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WHITE FEMALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
6	.1	12	.2	6	.1	RHODE ISLAND RI	68	-60	-33		
1	.7					BRISTOL RI					
1	.3	2	.3	1	.1	KENT RI	3	-58	-56	32	79
1	.2	1	.3	2*	.5	NEWPORT RI	58	32	109	96	90
3	.1	8	.2			PROVIDENCE RI	147				
		1	.3	3*	.6	WASHINGTON RI		95			93
8	.2	13	.2	16	.2	SOUTH CAROLINA SC	-6	-8	-14		
				1	.2	AIKEN SC					84
		1	.2	1	.2	ANDERSON SC		-29			82
		1*	3.2	1*	2.7	CALHOUN SC		-17			99
		1	.1	1	.1	CHARLESTON SC		-8			80
1*	5.7					CHESTERFIELD SC					
1*	1.6					COLLETON SC					
		2*	1.4			DARLINGTON SC					
				1*	1.9	EDGEFIELD SC					98
		1	.1	4*	.4	GREENVILLE SC		254			89
		1*	4.8			JASPER SC					
		1	.9			LAURENS SC					
				1	.3	LEXINGTON SC					87
				1*	1.2	MARLBORO SC					97
		1*	.9	1*	.6	NEWBERRY SC		-32			92
		1	.7	1	.5	OCONEE SC		-29			91
		1	.5			PICKENS SC					
1	.1					RICHLAND SC					
3*	1.0	1	.1	2	.2	SPARTANBURG SC	-86	78	-75	13	85
1	.4					SUMTER SC					
1*	1.0					UNION SC					
		1*	1.4			WILLIAMSBURG SC					
				1	.3	YORK SC					86
8	.2	9	.3	7	.1	SOUTH DAKOTA SD	11	-44	-38		
		1*	1.0	1*	.5	BEADLE SD		-49			91
				1*	.6	BROOKINGS SD					93
1	.6					BROWN SD					
		1*	1.5			DAVISON SD					
1*	1.6	1*	1.3			DAY SD	-20				
				1*	2.3	FALL RIVER SD					99
		1*	2.3			GRANT SD					
				1*	5.8	HAAKON SD					99
1*	2.9					HUGHES SD					
		2*	2.4			HUTCHINSON SD					
1*	2.0					KINGSBURY SD					
		1*	3.1			MARSHALL SD					
		1	.2			MINNEHAHA SD					
2*	.9	1	.3	1	.3	PENNINGTON SD	-70	23	-64	25	87
1*	6.3					TODD SD					
				1*	1.4	TRIPP SD					97
				1*	1.0	UNION SD					96
1*	1.0					YANKTON SD					
42*	.3	25	.2	25	.1	TENNESSEE TN	-54	-25	-65		
2*	1.1	1	.5	1	.3	ANDERSON TN	-57	-40	-74	14	86
				1*	2.2	BLEDSOE TN					99
		1	.5			BRADLEY TN					
1	.7					CAMPBELL TN					
1*	2.4	1*	2.0			CANNON TN	-16				
		2*	1.1			CARROLL TN					
1*	.9			1*	.8	COCKE TN			-14	73	95
2*	1.9					COFFEE TN					
				1*	.6	CUMBERLAND TN					92
1	.1	4	.2	2	.1	DAVIDSON TN	201	-69	-6	76	77
				1*	1.6	FAYETTE TN					98
1	.5					GIBSON TN					
1*	1.0					GILES TN					
1	1.3	1	.6			GREENE TN	-56				
2	.3	1	.1	2	.2	HAMILTON TN	-63	63	-39	47	81
				1*	.8	HARDIN TN					94
1*	2.1					HAYWOOD TN					
				1*	.8	HENDERSON TN					95
1*	1.6					HUMPHREYS TN					
		1*	1.8			JOHNSON TN					
7*	.8	1	.1	1	.0	KNOX TN	-90	-40	-94	00	76
1	.8			1	.6	LAWRENCE TN			-28	62	92
1	.6	1	.5	1	.5	MC MINN TN	-26	9	-20	70	91
1	.6					MADISON TN					
1*	1.3					MARSHALL TN					
1	.7					OBION TN					
1*	1.7					POLK TN					
3*	1.9					PUTNAM TN					
		1*	1.1			RHEA TN					
1	.9					ROANE TN					
		1	.7	1*	.4	ROBERTSON TN		-45			88
		1*	.8			SEVIER TN					
5	.3	4	.2	6	.2	SHELBY TN	-41	18	-31	58	85
		2	.5	1	.1	SULLIVAN TN		-76			79
1*	1.7					UNION TN					
2*	.9					WASHINGTON TN					
1	.6			3*	1.4	WEAKLEY TN			132	98	97
1*	.8	2*	1.5			WILLIAMSON TN	82				
77	.2	81	.2	75	.1	TEXAS TX	-24	-28	-45		
		1	.9			ANDERSON TX					
1	1.1					ANGELINA TX					
				1*	.9	ATASCOSA TX					96

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		1*	1.1			AUSTIN TX					
1*	4.0					BANDERA TX					
4*	1.4	1	.2	1	.2	BELL TX	-85	-22	-88	02	81
6	.3	6	.2	5	.1	BEXAR TX	-32	-39	-59	29	79
		1	.4			BOWIE TX					
		1	.7			BRAZOS TX					
				1*	1.4	BURLESON TX					97
1*	1.9					BURNET TX					
1*	3.2					CALHOUN TX					
2*	3.0					CALLAHAN TX					
		1	.1	1	.1	CAMERON TX		8			79
2*	1.7					CHEROKEE TX					
1*	1.4	1*	1.2			COLEMAN TX	-15				
1*	1.4					COLORADO TX					
		1*	1.0			COMANCHE TX					
1	.7	2*	1.3			COOKE TX	81				
1*	1.2					CORYELL TX					
4	.2	17*	.4	7	.1	DALLAS TX	165	-71	-23	67	79
2*	2.6					DAWSON TX					
				1*	1.4	DEAF SMITH TX					97
1	.5	2*	.7			DENTON TX	44				
		1*	.8			DE WITT TX					
				1	.4	EASTLAND TX					89
1	1.1			1	.3	ECTOR TX			-75	12	86
1	.1	3	.2	2	.1	EL PASO TX	37	-21	8	83	80
1	.1			1	.1	GALVESTON TX			-14	73	79
3*	.7			1	.2	GRAYSON TX			-73	15	83
		1	.4			GREGG TX					
		1*	1.3			GRIMES TX					
				1	.6	HALE TX					92
1*	2.2					HARDEMAN TX					
1*	1.2			1*	.7	HARDIN TX			-42	45	94
6	.2	7	.1	11	.2	HARRIS TX	-31	27	-13	74	82
1*	1.0	1	.6			HENDERSON TX	-42				
1*	3.3					HOOD TX					
1	.9			1*	.4	HOPKINS TX			-52	39	90
				2*	2.7	HOUSTON TX					99
1*	1.2					JASPER TX					
2	.2	1	.1			JEFFERSON TX	-61				
				1*	.6	JIM WELLS TX					92
1*	.9					JONES TX					
2*	1.4	1	.5			KAUFMAN TX	-69				
1*	2.2			1*	1.4	KENDALL TX			-33	55	97
1	.7			2*	.5	LAMAR TX			-31	58	91
				1*	.6	LAVACA TX					92
		1*	.8			LIBERTY TX					
1	.7			1*	.3	LIMESTONE TX			-54	36	88
				2	.3	LUBBOCK TX					86
1	.2	2	.3	1	.1	MC LENNAN TX	26	-72	-65	24	77
				1*	.7	MAVERICK TX					94
1*	1.2			1*	1.0	MEDINA TX			-21	69	96
				1	.4	MIDLAND TX					90
1*	.8					MONTAGUE TX					
1*	2.9					MOORE TX					
				1	.3	NAVARRO TX					88
		1	.1			NUECES TX					
3*	2.7			1	.6	PARKER TX			-76	11	93
		1*	1.4			PECOS TX					
				2*	2.9	POLK TX					99
		1	.2	1	.1	POTTER TX		-30			80
		1*	.8			RED RIVER TX					
				1*	2.1	REEVES TX					99
				1*	.7	RUNNELS TX					94
				1*	.9	SCURRY TX					96
1	.3					SMITH TX					
1*	2.5					STARR TX					
4	.2	7	.3	3	.1	TARRANT TX	20	-68	-62	27	77
		3*	.7	1	.2	TAYLOR TX		-70			83
		1*	.9			TERRY TX					
				1*	2.7	THROCKMORTON TX					99
				1	.2	TOM GREEN TX					84
1	.2	5*	.5	1	.0	TRAVIS TX	187	-92	-77	11	76
		1*	1.0			UVALDE TX					
1*	1.0			1*	.9	VAL VERDE TX			-10	76	96
1*	.7			1	.4	VAN ZANDT TX			-43	44	90
2*	1.8			1	.4	VICTORIA TX			-76	12	90
		1	.6			WHARTON TX					
1*	2.1					WHEELER TX					
		2	.4	1	.1	WICHITA TX		-63			80
				1*	.7	WILBARGER TX					94
1	.5			1	.4	WILLIAMSON TX			-30	60	88
1*	1.2	3*	2.5	2*	.7	WOOD TX	107	-70	-38	48	94
1*	.9			1*	.5	YOUNG TX			-42	45	92
5	.1	7	.2	6	.1	UTAH UT	30	-31	-10		
		1*	.5			BOX ELDER UT					
1	.7			1	.5	CACHE UT			-33	56	90
2	.1	2	.1	3	.1	SALT LAKE UT	5	7	12	85	79
		1*	1.2			SANPETE UT					
1*	1.2					SEVIER UT					
1*	4.2					SUMMIT UT					
		1	.2	1	.2	UTAH UT		-26			82
		2	.4	1	.2	WEBER UT		-58			82
2	.1	11*	.4	5	.2	VERMONT VT	361	-50	129		
		2*	1.5			ADDISON VT					
				1	.6	BENNINGTON VT					92
		1	.7	1*	.9	CALEDONIA VT		30			96
		1*	1.8			LAMOILLE VT					

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1	.3	2*	.7	2*	.7	RUTLAND VT	111	0	110	96	94
1	.4	1	.3	1	.3	WASHINGTON VT	-12	-11	-22	68	86
		1	.4			WINDHAM VT					
		3*	1.0			WINDSOR VT					
29	.2	24	.2	21	.1	VIRGINIA VA	-39	-34	-59		
		1	.4			ALBEMARLE#VA					
1*	3.1	1*	2.3			APPOMATTOX VA	-26				
1	.2	1	.1	2	.2	ARLINGTON#VA	-22	38	7	82	83
				1	.2	AUGUSTA#VA					82
		1	.2	2	.3	BEDFORD#VA		28			85
1*	.4	1*	.7			BUCHANAN VA	73				
		3*	1.3			CARROLL#VA					
1*	2.6					CHARLOTTE VA					
		4	.3	3	.2	CHESTERFIELD#VA		-31			83
1*	2.8					CLARKE VA					
1*	1.7	1*	.8			CULPEPER VA	-54				
2*	11.9					ESSEX VA					
2	.5	2	.1	3	.1	FAIRFAX#VA	-86	90	-72	15	80
		1*	1.0			FAUQUIER VA					
1*	.8			2*	1.9	HALIFAX#VA			130	97	98
1*	1.5					HANOVER VA					
4*	1.2	1	.2			HENRICO VA	-84				
				1*	.5	LEE VA					92
1*	2.1					LOUISA VA					
				1	.3	MONTGOMERY#VA					88
		1*	1.6	1*	.7	PATRICK VA		-53			94
4*	.7					ROANOKE#VA					
1	.9			1*	.6	ROCKBRIDGE#VA			-36	51	92
		1	.4			ROCKINGHAM#VA					
2*	1.5					SCOTT VA					
1	.6					SMYTH VA					
				1*	1.5	STAFFORD VA					98
		1	.4	1	.3	TAZEWELL VA		-11			88
				1*	.8	WARREN VA					95
1	.4					WASHINGTON#VA					
				1	.3	WISE#VA					87
1*	1.1					WYTHE VA					
2	.2	3	.2			CHESAPEAKE CITY#VA	8				
		1	.4			HAMPTON CITY VA					
29	.2	28	.2	31	.1	WASHINGTON WA	-23	-18	-37		
1	1.0	1	.3			BENTON WA	-65				
1	.2	1	.2	2	.2	CLARK WA	-24	34	1	80	85
		1	.3			COWLITZ WA					
		1*	5.5			GARFIELD WA					
		2*	1.1			GRANT WA					
1	.6	1	.4			GRAYS HARBOR WA	-35				
13	.3	10	.2	12	.2	KING WA	-41	-10	-47	40	82
1	.3					KITSAP WA					
1*	1.1					KITTITAS WA					
		1	.3			LEWIS WA					
6	.4	3	.2	1	.0	PIERCE WA	-55	-77	-90	02	76
1	.5			3*	.8	SKAGIT WA			65	93	94
1	.1	2	.2	3	.2	SNOHOMISH WA	46	-17	22	88	82
2	.1	5	.3	2	.1	SPOKANE WA	115	-66	-27	63	78
1	.4			1	.1	THURSTON WA			-69	18	80
				1	.4	WALLA WALLA WA					89
				2	.4	WHATCOM WA					88
				1*	.7	WHITMAN WA					94
				3	.3	YAKIMA WA					87
19	.2	14	.1	11	.1	WEST VIRGINIA WV	-40	-27	-56		
				1*	.6	BROOKE WV					93
1	.2	1	.2	2	.2	CABELL WV	-27	37	0	79	84
				1*	3.4	GILMER WV					99
		1*	2.0			GRANT WV					
				1	.5	HANCOCK WV					91
2	.4	2	.4			HARRISON WV	-13				
1*	1.5	1*	1.2	1*	.8	JACKSON WV	-20	-31	-45	42	95
5*	.7			2	.2	KANAWHA WV			-78	08	81
		1	1.3			LEWIS WV					
		1	.4			LOGAN WV					
1	.6					MC DOWELL WV					
2*	1.1	1	.5			MARSHALL WV	-56				
		2*	.6			MERCER WV					
2*	1.0					MONONGALIA WV					
1*	1.2					MONROE WV					
2	.5					OHIO WV					
		1*	2.8			PENDLETON WV					
1*	2.3					POCAHONTAS WV					
1*	1.1					PUTNAM WV					
		1*	1.0			RITCHIE WV					
				1*	1.7	TUCKER WV					98
		1*	1.2			TYLER WV					
		1	.2	2	.4	WOOD WV		78			90
51	.3	36	.2	35	.1	WISCONSIN WI	-43	-22	-55		
		1	.5			BARRON WI					
2	.4			1	.1	BROWN WI			-67	21	80
		1*	1.1			BURNETT WI					
2*	.9	1	.6			COLUMBIA WI	-35				
1	.1	2	.2	3	.2	DANE WI	41	13	60	93	83
1	.3					DODGE WI					
1*	.9	1*	.7			DOOR WI	-27				
1	.8	1	.5			DUNN WI	-30				
				2*	.6	EAU CLAIRE WI					92

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2	.5			1	.2	FOND DU LAC WI			-57	31	84
				1	.2	GRANT WI					85
				1	.7	GREEN WI					94
				1*	.6	GREEN LAKE WI					93
1*	1.1					JACKSON WI					
1	.3	4*	1.1			JEFFERSON WI	252				
2	.6	2	.4	3*	.4	KENOSHA WI	-38	16	-28	62	89
1	.3			1	.2	LA CROSSE WI			-38	49	82
1*	.9	1*	.9			LANGLADE WI	4				
1	.3					MANITOWOC WI					
1	.3			1	.1	MARATHON WI			-52	38	79
		1	.5	1	.3	MARINETTE WI		-49			85
1	.5					MENOMINEE#WI					
12	.3	8	.1	5	.1	MILWAUKEE WI	-43	-34	-63	26	78
				1	.3	MONROE WI					87
1	.3	2	.4	2	.3	OUTAGAMIE WI	53	-24	17	86	87
1	.7					OZAUKEE WI					
1*	2.8					PEPIN WI					
1	.8					PIERCE WI					
1	.7					POLK WI					
				1	.4	PORTAGE WI					89
3	.5	3	.4	1	.1	RACINE WI	-15	-68	-73	15	80
1*	1.0	2*	1.9			RICHLAND WI	93				
4*	.8	1	.2	2	.3	ROCK WI	-80	86	-62	26	87
1*	1.3					RUSK WI					
		1	.5	1	.5	ST CROIX WI		-5			91
		1	.5			SAUK WI					
		1	.6			TREMPEALEAU WI					
1	.8			1	.5	VERNON WI			-38	49	90
2*	.7					WALWORTH WI					
		1	.1	3	.3	WAUKESHA WI		175			87
				1	.3	WAUPACA WI					86
3	.7					WINNEBAGO WI					
		1	.3	1	.2	WOOD WI		-28			85
3	.2	4	.3	4	.2	WYOMING WY	41	-26	5		
				1*	1.1	ALBANY WY					96
		1*	1.8			BIG HORN WY					
		1*	1.9			CARBON WY					
		1*	1.2	1*	.9	FREMONT WY		-24			96
2*	.7					LARAMIE WY					
1*	1.9					PARK-TETON#WY					
				1*	.7	SHERIDAN WY					94
		1*	11.8			SUBLETTE WY					
				1*	.5	SWEETWATER WY					91

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COUNTIES COMBINED; SEE TECHNICAL NOTES

CANCER OF THE EYE

NON-WHITE MALE 1950-1959 DEATHS	RATE	1960-1969 DEATHS	RATE	1970-1979 DEATHS	RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	ICD 190 PERCENTILE %CHANGE 70S/50S	RATES 1970S
103	.1	97	.1	92	.1	UNITED STATES		-21	-14	-32		
5	.1	9*	.2	1	.0	ALABAMA	AL	105	-91	-81		
		1*	1.2			BARBOUR	AL					
		1*	2.1			BUTLER	AL					
		2*	2.6			GREENE	AL					
1	.1	1	.1			JEFFERSON	AL	7				
1*	1.8					LAWRENCE	AL					
		1*	1.5			LEE	AL					
1*	.8					MACON	AL					
				1*	.5	MADISON	AL					98
1	.3	3*	.9			MOBILE	AL	183				
1*	.4					TUSCALOOSA	AL					
		1	.2			ARIZONA	AZ					
		1*	.7			MARICOPA	AZ					
8*	.3	5*	.2			ARKANSAS	AR	-36				
1*	31.3					CRAWFORD	AR					
		1*	4.4			JACKSON	AR					
3*	1.5	1*	.6			JEFFERSON	AR	-62				
1*	4.7					LAFAYETTE	AR					
		2*	2.0			LEE	AR					
1*	1.3					MONROE	AR					
		1*	9.6			PRAIRIE	AR					
1	.2					PULASKI	AR					
1*	.5					ST FRANCIS	AR					
5	.1	1	.0	8	.1	CALIFORNIA	CA	-86	417	-28		
1	.1					ALAMEDA	CA					
				1*	1.2	IMPERIAL	CA					99
				1*	.3	KERN	CA					98
				1*	1.7	KINGS	CA					99
3	.1	1	.0	4	.1	LOS ANGELES	CA	-72	163	-26	47	97
1	.4					SAN FRANCISCO	CA					
				1*	.2	SAN MATEO	CA					98
				1	.4	COLORADO	CO					
				1	.6	DENVER-ARAPAHOE#	CO					98
				1	.1	CONNECTICUT	CT					
				1*	.2	HARTFORD	CT					98
1	.6					DELAWARE	DE					
1*	2.4					KENT	DE					
		2	.1	1	.0	DIST. OF COLUMBIA	DC		-69			
		2	.1	1	.0	WASHINGTON	DC		-69			97
3	.1	6	.1	3	.0	FLORIDA	FL	-8	-56	-59		
		1*	5.8			BRADFORD	FL					
1*	.3					BROWARD	FL					
				1	.1	DADE	FL					97
		1	.1			DUVAL	FL					
1	1.4	2*	.6			HILLSBOROUGH	FL	-55				
1*	3.9					INDIAN RIVER	FL					
				1*	2.4	LEE	FL					99
		1*	.4	1*	.3	POLK	FL		-17			98
		1*	5.7			WASHINGTON	FL					
5	.1	7	.1	1	.0	GEORGIA	GA	24	-74	-68		
		1*	3.2			BEN HILL	GA					
1*	.3					BIBB	GA					
1*	.8					BURKE	GA					
1*	7.9					COFFEE	GA					
		1*	1.4			COLQUITT	GA					
1*	4.1					COOK	GA					
		1*	1.1			DOUGHERTY	GA					
		2	.2			FULTON	GA					
		1*	4.3			IRWIN	GA					
		1*	2.8			JEFFERSON	GA					
1*	.6			1*	.9	RICHMOND	GA			53	68	98
		3	.1	2	.1	HAWAII	HI		-34			
		1	.4			HAWAII	HI					
		2	.1	2	.1	HONOLULU	HI		0			97
1	.1	5	.1	3	.0	ILLINOIS	IL	-8	-14	-20		
1	.1	4	.0	3	.1	COOK	IL	-36	12	-28	42	97
		1*	1.7			SANGAMON	IL					
3	.4	1	.0			INDIANA	IN	-89				
2*	1.1					LAKE	IN					
1	.3	1	.1			MARION	IN	-65				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE MALE 1950-1959		1960-1969		1970-1979		CANCER OF THE EYE COUNTY AND STATE	PERCENT CHANGE			ICD 190 PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				2*	.3	KANSAS KS					
				1*	3.6	MONTGOMERY KS					99
				1*	.4	WYANDOTTE KS					98
2	.1			1	.1	KENTUCKY KY			-32		
1	.2					JEFFERSON KY					
				1*	5.7	LOGAN KY					99
1*	8.9					TRIGG KY					
6	.1	4	.1	3	.1	LOUISIANA LA	-15	-33	-43		
		2*	2.0			CALCASIEU LA					
		1*	1.2			DE SOTO LA					
1*	4.2					LAFAYETTE LA					
2	.1	1	.1	2	.2	ORLEANS LA	-51	265	78	78	98
1*	.5					OUACHITA LA					
1*	1.2					ST TAMMANY LA					
1*	2.4					VERMILION LA					
				1*	1.3	WEBSTER LA					99
1*	7.9					MAINE ME					
1*	60.6					WASHINGTON ME					
1	.1	3	.1	1	.0	MARYLAND MD	2	-69	-69		
1*	5.6					FREDERICK MD					
		1*	1.7			ST MARY'S MD					
		2	.1	1	.0	BALTIMORE CITY MD		-48			97
		1	.2	1	.1	MASSACHUSETTS MA		-51			
				1*	2.6	ESSEX MA					99
		1	.4			SUFFOLK MA					
3	.2	2	.1	1	.0	MICHIGAN MI	-69	-58	-87		
1*	1.5					GENESEE MI					
1*	5.0					WASHTENAW MI					
1	.0	2	.1	1	.0	WAYNE MI	156	-58	7	57	97
6	.1	7	.1	6	.2	MISSISSIPPI MS	23	18	45		
		1*	.4			BOLIVAR MS					
		1*	2.3			CHICKASAW MS					
1*	11.6					CHOCTAW MS					
		1*	1.9			COPIAH MS					
2*	.5	2*	.3			HINDS MS	-30				
1*	1.1			1*	2.0	JASPER MS			73	73	99
				1*	3.6	LAFAYETTE MS					99
		1*	.6			LAUDERDALE MS					
				1*	1.4	LEE MS					99
		1*	2.8			LINCOLN MS					
				1*	1.3	MADISON MS					99
				1*	3.6	MONTGOMEPY MS					99
				1*	1.8	TALLAHATCHIE MS					99
1*	3.9					WALTHALL MS					
1*	1.7					YALOBUSHA MS					
4	.2	2	.1	4	.2	MISSOURI MO	-38	47	-9		
1	.3	1	.4			JACKSON MO	55				
1*	.9			1*	.2	ST LOUIS COUNTY MO			-74	15	98
2	.2	1	.1	3*	.3	ST LOUIS CITY MO	-66	479	96	89	98
2	.1			4	.1	NEW JERSEY NJ			-14		
2*	1.5					CAMDEN NJ					
				2	.1	ESSEX NJ					98
				2*	.6	HUDSON NJ					98
		2*	.3	1	.1	NEW MEXICO NM		-70			
		1*	.4	1*	.4	MC KINLEY NM		-9			98
		1*	3.5			OTERO NM					
5	.1	7	.1	11	.1	NEW YORK NY	57	-13	36		
				1	.0	BRONX NY					97
				1	.2	ERIE NY					98
3	.1	1	.1	1	.0	KINGS(BROOKLYN) NY	-45	-73	-85	05	97
2	.1	4	.2	4*	.2	NEW YORK(MANHATTAN) NY	113	-11	90	84	98
				3*	.2	QUEENS NY					98
		1*	4.3			ROCKLAND NY					
		1*	.4			SUFFOLK NY					
				1	.3	WESTCHESTER NY					98
8	.1	5	.1	5	.1	NORTH CAROLINA NC	-44	107	16		
1*	.9					ANSON NC					
				1*	4.3	CHOWAN NC					99
1*	.7					COLUMBUS NC					
				1*	1.4	CRAVEN NC					99
1*	.4					CUMBERLAND NC					
		1*	.3			FORSYTH NC					
		1*	.2			GUILFORD NC					
				1*	1.2	LENOIR NC					99
1	.2					MECKLENBURG NC					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

CANCER OF THE EYE — ICD 190

NON-WHITE MALE 1950-1959 DEATHS	RATE	1960-1969 DEATHS	RATE	1970-1979 DEATHS	RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE RATES 70S/50S	1970S
				1*	1.4	NEW HANOVER NC					99
		1*	.7			NORTHAMPTON NC					
		1*	5.2			PERQUIMANS NC					
1*	2.6					RANDOLPH NC					
		1*	.2	1*	.8	ROBESON NC		310			98
1*	.8					WARREN NC					
2*	1.7					WILSON NC					
2	.0	1	.0	4	.1	OHIO OH	-28	193	110		
1	.1					CUYAHOGA OH					
				1	.2	FRANKLIN OH					98
		1	.2			HAMILTON OH					
				1*	1.6	LORAIN OH					99
				1*	.3	LUCAS OH					98
1	.3			1	.3	MONTGOMERY OH			-5	52	98
2	.2	3	.3	4*	.2	OKLAHOMA OK	30	-13	13		
1*	5.6					CARTER OK					
				1*	5.0	CHOCTAW OK					99
1*	2.6	1*	3.9			CREEK OK	48				
				1*	7.1	LE FLORE OK					99
				1*	2.1	MC CURTAIN OK					99
				1*	.2	OKLAHOMA OK					98
		1*	10.6			SEQUOYAH OK					
		1*	.6			TULSA OK					
				1	.5	OREGON OR					
				1*	.9	MULTNOMAH OR					98
4	.1	1	.0	4	.1	PENNSYLVANIA PA	-81	283	-26		
1	.1	1	.2			ALLEGHENY PA	4				
				1*	2.1	BEAVER PA					99
				1*	14.9	LEBANON PA					99
3	.2			2	.1	PHILADELPHIA PA			-54	21	97
6	.1	2	.0	5	.1	SOUTH CAROLINA SC	-74	398	29		
		1*	.6			BERKELEY SC					
1	.1			1	.2	CHARLESTON SC			33	63	98
1*	3.8					CHEROKEE SC					
1*	.6					CLARENDON SC					
				1*	1.8	COLLETON SC					99
1*	.3	1*	.3	2*	1.2	FLORENCE SC	12	259	303	94	99
1*	.6					MARION SC					
				1*	.9	SUMTER SC					98
1*	.7					YORK SC					
1*	.4					SOUTH DAKOTA SD					
1*	8.3					CHARLES MIX SD					
3	.1	3	.1	2	.1	TENNESSEE TN	6	-15	-11		
1*	.3					HAMILTON TN					
				1*	2.1	HAYWOOD TN					99
		1*	5.2			LAKE TN					
1*	2.2					LAUDERDALE TN					
1*	8.3					MARSHALL TN					
		2	.2	1	.1	SHELBY TN		-43			97
10	.2	8	.1	6	.1	TEXAS TX	-32	-53	-68		
		1*	3.7			BELL TX					
1*	1.7					BOWIE TX					
				1*	1.4	BRAZOS TX					99
1*	5.9					CALDWELL TX					
1*	.8					GALVESTON TX					
		1*	2.9			GRIMES TX					
2	.2			1	.0	HARRIS TX			-83	10	97
				1*	.9	HARRISON TX					98
		1*	.9			LUBBOCK TX					
1*	1.0			1*	.7	MC LENNAN TX			-29	36	98
1*	7.4					MADISON TX					
		1*	13.3			MILAM TX					
1*	17.6					NOLAN TX					
		1*	9.0			ROCKWALL TX					
		1*	42.6			SWISHER TX					
1	.2			1	.1	TARRANT TX			-35	31	98
1*	.6					TRAVIS TX					
				1*	9.0	TYLER TX					99
		1*	4.7			UPSHUR TX					
		1*	2.9			WASHINGTON TX					
3	.1	5	.2	2	.1	VIRGINIA VA	111	-64	-25		
		1*	3.1			ALBEMARLE#VA					
1*	3.1					AMELIA VA					
		1*	4.2			CHARLOTTE VA					
		1*	3.7			HANOVER VA					
1*	4.1					HENRICO VA					
				1*	2.8	ISLE OF WIGHT VA					99
				1	.1	CHESAPEAKE CITY#VA					98
1*	1.1	1*	.7			HAMPTON CITY VA	-39				
		1*	.8			NEWPORT NEWS CITY VA					
3*	.5			3*	.3	WASHINGTON WA			-28		

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE MALE — CANCER OF THE EYE — ICD 190

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
										%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
2*	.7			2*	.4	KING WA			-39	26	98
1*	1.1					PIERCE WA					
				1*	27.3	STEVENS WA					99
		1	.1			WISCONSIN WI					
		1	.1			MILWAUKEE WI					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
99	.1	95	.1	81	.1	UNITED STATES		-25	-31	-49		
8	.1	7	.1	6	.1	ALABAMA	AL	0	-12	-12		
				1*	1.0	CALHOUN	AL					99
1*	.8			1*	1.2	CHAMBERS	AL			51	78	99
2*	2.8					ELMORE	AL					
1*	1.1					ETOWAH	AL					
1*	3.6					GENEVA	AL					
1	.1	1	.1	2	.2	JEFFERSON	AL	1	91	92	86	98
2*	.3	2*	.3	1	.2	MOBILE	AL	-20	-41	-53	30	98
				1*	.3	MONTGOMERY	AL					98
		1*	2.1			SHELBY	AL					
		1*	1.9			TALLAPOOSA	AL					
		2*	2.3			WILCOX	AL					
				1	.1	ARIZONA	AZ					
				1*	.4	APACHE	AZ					98
		2	.1			ARKANSAS	AR					
		2*	1.0			PHILLIPS	AR					
3	.0	11*	.1	4	.0	CALIFORNIA	CA	143	-71	-29		
		1	.1			ALAMEDA	CA					
		1*	6.0			KINGS	CA					
2	.1	8*	.2	4	.1	LOS ANGELES	CA	125	-58	-5	60	97
		1*	4.0			MADERA	CA					
1*	.5					SACRAMENTO	CA					
				1	.1	CONNECTICUT	CT					
				1*	.3	NEW HAVEN	CT					98
2	.1	2	.1	2	.1	DIST. OF COLUMBIA	DC	8	14	23		
2	.1	2	.1	2	.1	WASHINGTON	DC	8	14	23	65	97
4	.2	6	.1	2	.0	FLORIDA	FL	-25	-78	-84		
1*	.8	1*	1.2			BREVARD	FL	41				
		1*	4.5			CLAY	FL					
		1	.1			DADE	FL					
				1	.1	DUVAL	FL					98
		1*	2.0			LAKE	FL					
		1*	1.2			LEE	FL					
1*	.9					ORANGE	FL					
		1*	.8			PALM BEACH	FL					
1*	1.0					PINELLAS	FL					
1*	5.7					SUWANNEE	FL					
				1*	.6	VOLUSIA	FL					98
6	.1	11*	.2	5	.1	GEORGIA	GA	88	-59	-23		
		1*	12.7			CHARLTON	GA					
1	.4					CHATHAM	GA					
		1*	1.4			CLARKE	GA					
				1*	.2	DE KALB	GA					98
		1*	.4			DOUGHERTY	GA					
		1*	10.6			EVANS	GA					
		2	.1	1	.1	FULTON	GA		-34			98
1*	1.0					JEFFERSON	GA					
1*	6.5					LAMAR	GA					
1*	9.8					LONG	GA					
1*	5.6					MC INTOSH	GA					
				1*	2.1	MERIWETHER	GA					99
		2*	1.1			RICHMOND	GA					
		1*	2.3			SPALDING	GA					
		1*	10.2			TATTNALL	GA					
1*	.8			1*	1.1	TROUP	GA			40	69	99
		1*	1.8	1*	2.9	UPSON	GA		65			99
		2	.1			HAWAII	HI					
		1*	.5			HAWAII	HI					
		1	.0			HONOLULU	HI					
5	.1	10*	.2	2	.0	ILLINOIS	IL	63	-88	-81		
4	.1	8	.2	1	.0	COOK	IL	85	-94	-89	04	97
1*	3.2					PEORIA	IL					
		2*	.4			ST CLAIR	IL					
				1*	.8	WILL	IL					99
1	.2	1	.1	2	.1	INDIANA	IN	-60	81	-28		
				1	.3	LAKE	IN					98
1	.5	1	.2	1	.2	MARION	IN	-57	-15	-64	17	98
2	.2	2	.2	2	.2	KENTUCKY	KY	-19	-11	-28		
		1*	.9			FAYETTE	KY					
2*	.7	1	.2	1	.2	JEFFERSON	KY	-71	-3	-72	13	98
				1*	10.8	MONTGOMERY	KY					99
2	.0	3	.0	3	.0	LOUISIANA	LA	64	-4	58		

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1*	1.5			ASSUMPTION	LA					
		1	.3	1	.1	EAST BATON ROUGE	LA		-54			98
				1	.1	ORLEANS	LA					97
1*	.4					RAPIDES	LA					
		1*	1.1			ST TAMMANY	LA					
1*	1.0					WEBSTER	LA					
				1*	7.4	WEST CARROLL	LA					99
4	.2	1	.1	2	.0	MARYLAND	MD	-65	-35	-77		
1*	5.5					CALVERT	MD					
		1*	4.9			ST MARY'S	MD					
1*	3.0					SOMERSET	MD					
2	.1			2	.1	BALTIMORE CITY	MD			-33	43	98
1	.0			5	.1	MICHIGAN	MI			254		
				1*	.7	GENESEE	MI					99
				1*	2.5	MACOMB	MI					99
				1*	.3	OAKLAND	MI					98
				1*	3.4	VAN BUREN	MI					99
1	.0			1	.0	WAYNE	MI			-32	47	97
2*	1.2					MINNESOTA	MN					
1*	24.6					BECKER	MN					
1*	1.0					HENNEPIN	MN					
10	.2	6	.1	6*	.1	MISSISSIPPI	MS	-25	15	-14		
1*	2.8					AMITE	MS					
				1*	3.0	ATTALA	MS					99
		1*	.3			BOLIVAR	MS					
		1*	3.6			CLARKE	MS					
1*	.3					COAHOMA	MS					
1*	.7					COPIAH	MS					
1	.2			1	.2	HINDS	MS			46	73	98
				1*	1.3	HUMPHREYS	MS					99
1*	1.1					JASPER	MS					
		1*	1.1			LAUDERDALE	MS					
		1*	.3			LEFLORE	MS					
		1*	.6			MADISON	MS					
1*	1.7					NESHOBA	MS					
1*	.7					PANOLA	MS					
1*	2.0					PIKE	MS					
				1*	4.3	SHARKEY	MS					99
		1*	3.0			TUNICA	MS					
2*	.8			1*	.4	WASHINGTON	MS			-51	34	98
				1*	4.8	WAYNE	MS					99
2	.1	2	.1			MISSOURI	MO	-45				
		1*	.4			ST LOUIS COUNTY	MO					
2	.2	1	.1			ST LOUIS CITY	MO	-75				
1	.1			3	.1	NEW JERSEY	NJ			-39		
				1*	.7	CUMBERLAND	NJ					98
1	.3			1	.1	ESSEX	NJ			-80	08	97
				1*	.2	HUDSON	NJ					98
		1	.2			NEW MEXICO	NM					
		1*	.5			MC KINLEY	NM					
6	.1	5	.0	6	.0	NEW YORK	NY	-61	-5	-63		
2	.3					BRONX	NY					
		1*	1.5	1*	1.0	DUTCHESS	NY		-29			99
1	.0	4	.2	3	.1	KINGS(BROOKLYN)	NY	262	-48	86	82	98
1	.0			2	.1	NEW YORK(MANHATTAN)	NY			208	95	98
1*	20.6					NIAGARA	NY					
1	.3					QUEENS	NY					
13*	.2	2	.1	7	.1	NORTH CAROLINA	NC	-74	99	-47		
				1*	1.7	CATAWBA	NC					99
1*	.6					COLUMBUS	NC					
1*	1.6					DAVIDSON	NC					
				1*	.4	DURHAM	NC					98
				1*	.4	FORSYTH	NC					98
1*	.9					FRANKLIN	NC					
				1*	1.3	IREDELL	NC					99
2*	1.7			1*	1.4	JOHNSTON	NC			-17	52	99
1*	9.9					MC DOWELL	NC					
1*	.4					PITT	NC					
1	.2					ROBESON	NC					
				1*	1.1	ROWAN	NC					99
		1*	2.5			SAMPSON	NC					
1*	2.7					SCOTLAND	NC					
1*	12.1	1*	9.6			SURRY	NC	-21				
1*	.6					WAKE	NC					
2*	1.9			1*	.8	WILSON	NC			-57	26	99
1	.0	4	.1	1	.0	OHIO	OH	382	-74	27		
		2*	.2			HAMILTON	OH					
1*	.3					LUCAS	OH					
		1	.2			MONTGOMERY	OH					
		1*	47.2			SHELBY	OH					
				1*	1.0	STARK	OH					99

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — CANCER OF THE EYE — ICD 190

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
				2	.1	OKLAHOMA OK					
				1*	3.6	OSAGE OK					99
				1*	.3	TULSA OK					98
4	.1	5	.1	3	.1	PENNSYLVANIA PA	8	-47	-43		
2	.2	2*	.3			ALLEGHENY PA	27				
1*	.5					DELAWARE PA					
1	.0	3	.1	3	.1	PHILADELPHIA PA	74	10	93	91	97
4	.1	3	.0	2	.0	SOUTH CAROLINA SC	-68	-18	-74		
		1*	1.7			BAMBERG SC					
		1	.2	1*	.2	CHARLESTON SC		26			98
1*	1.3			1*	.7	DARLINGTON SC			-44	39	99
1*	1.1					FLORENCE SC					
		1*	.6			MARION SC					
1*	2.1					NEWBERRY SC					
1*	.7					SUMTER SC					
1*	.4			1*	.3	SOUTH DAKOTA SD			-28		
				1*	3.3	PENNINGTON SD					99
1*	4.4					TODD SD					
5	.2	1	.0	3	.1	TENNESSEE TN	-77	140	-44		
1*	1.3					GIBSON TN					
1	.3					HAMILTON TN					
				1*	2.2	MONTGOMERY TN					99
2	.1	1	.1	2	.1	SHELBY TN	-31	27	-12	56	98
1*	3.0					TIPTON TN					
8	.1	2	.0	5	.0	TEXAS TX	-71	17	-66		
				1*	3.9	AUSTIN TX					99
1*	1.6					CHEROKEE TX					
				2	.1	DALLAS TX					98
1*	1.4					GREGG TX					
1	.0					HARRIS TX					
1	.6	1*	.6	1*	.2	JEFFERSON TX	-8	-57	-61	21	98
1*	281.4					MOORE TX					
1*	2.4					ORANGE TX					
1*	7.5					POLK TX					
1*	.5	1*	.7			TRAVIS TX	21				
				1*	2.8	UPSHUR TX					99
2	.1	2	.1	4	.1	VIRGINIA VA	-20	60	29		
				1*	1.4	ARLINGTON#VA					99
		1*	3.5	1*	3.5	AUGUSTA#VA		0			99
				1	.2	CHESTERFIELD#VA					98
1*	6.5					FLUVANNA VA					
1*	1.1					ROANOKE#VA					
				1	.1	CHESAPEAKE CITY#VA					98
		1*	.5			SUFFOLK CITY VA					
1	.1	1	.1	1	.1	WASHINGTON WA	-30	27	-11		
		1*	.2	1*	.2	KING WA		7			98
1*	4.2					KITSAP WA					
		2*	.5			WEST VIRGINIA WV					
		1*	1.0			KANAWHA WV					
		1*	9.3			MARION WV					
1	1.0	1	.4			WISCONSIN WI	-57				
1*	37.5					BROWN WI					
		1	.8			MILWAUKEE WI					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
29211	4.0	36253	4.4	43594	4.9	UNITED STATES	12	10	23		
477*	4.7	516	4.5	707*	5.4	ALABAMA AL	-4	20	16		
3	5.8	2	3.1	2	1.6	AUTAUGA AL	-47	-47	-72	02	12
12*	7.4	8	3.5	16	5.2	BALDWIN AL	-52	47	-30	17	62
4	6.5	1	1.5	2	3.2	BARBOUR AL	-77	114	-52	07	26
3	5.3	3	6.7	4	7.2	BIBB AL	25	8	35	54	85
2	1.5	5	4.1	7	4.4	BLOUNT AL	178	7	199	90	46
4	5.8	5	7.0	8*	12.2	BUTLER AL	20	74	110	79	97
11	4.5	17	4.9	25	6.2	CALHOUN AL	10	27	39	56	76
5	3.9	8	6.4	5	3.7	CHAMBERS AL	64	-43	-7	30	33
1	1.3	5	6.6	5	6.2	CHEROKEE AL	399	-6	369	96	76
1	1.0	4	3.7	5	4.0	CHILTON AL	260	9	292	94	38
1	2.4	2	4.0	4	8.8	CHOCTAW AL	69	120	271	93	92
5	7.2	1	1.3	3	4.0	CLARKE AL	-82	213	-45	10	38
3	5.8	1	1.9	2	4.1	CLAY AL	-67	110	-30	16	39
1	2.3	2	4.0	5	9.1	CLEBURNE AL	76	127	300	94	93
8	7.8	4	3.2	7	5.2	COFFEE AL	-59	62	-33	15	62
11*	7.5	7	3.6	11	5.4	COLBERT AL	-52	50	-29	17	64
2	3.7	5	9.1	3	5.4	CONECUH AL	143	-40	45	59	66
4*	12.4	3	8.0	1	2.2	COOSA AL	-35	-73	-83	00	16
6	3.9	4	2.5	10	5.9	COVINGTON AL	-36	134	51	61	73
4	6.2	3	5.8	4	7.2	CRENSHAW AL	-6	24	17	44	85
12	5.2	9	5.9	9	5.3	CULLMAN AL	-24	-15	-36	14	28
		2	1.5	7	5.0	DALE AL		234			59
		7	5.8	3	2.4	DALLAS AL		-59			18
10	5.0	7	3.4	13	5.5	DE KALB AL	-32	61	10	39	67
4	3.7	8	6.9	6	4.2	ELMORE AL	85	-38	14	42	43
4	3.3	6	5.6	9	7.1	ESCAMBIA AL	70	25	113	80	84
16	4.0	15	3.7	27	6.1	ETOWAH AL	-8	65	51	61	75
2	2.5	6	8.4	7	7.9	FAYETTE AL	241	-6	222	91	88
4	3.7	5	4.6	5	3.7	FRANKLIN AL	26	-19	2	34	34
5	4.6	5	5.0	5	4.7	GENEVA AL	9	-7	2	34	53
1	5.5					GREENE AL					
2	6.5	2	6.2	4*	13.7	HALE AL	-5	121	111	80	98
1	2.3	2	4.7			HENRY AL	104				
7	4.4	9	4.9	11	4.9	HOUSTON AL	12	0	12	40	57
6	4.2	3	2.1	11	5.1	JACKSON AL	-50	148	23	48	61
91*	5.1	108	5.3	141*	6.7	JEFFERSON AL	5	25	32	53	81
4	6.4	1	1.5	4	5.8	LAMAR AL	-76	278	-9	28	71
8	4.5	12	4.3	17	5.5	LAUDERDALE AL	-4	28	22	47	66
4	4.7	2	2.2	3	2.5	LAWRENCE AL	-53	12	-47	09	19
4	3.1	8	5.8	6	3.2	LEE AL	88	-45	4	35	27
5	4.2	5	3.3	13	7.5	LIMESTONE AL	-21	127	78	72	86
1	6.5			1	5.0	LOWNDES AL			-24	19	57
9	2.5	25	4.7	45*	6.1	MADISON AL	89	30	146	85	75
1	1.9	4	7.6	2	3.8	MARENGO AL	291	-50	96	76	35
5	5.6	1	.9	12*	8.8	MARION AL	-84	891	55	64	92
15*	7.1	12	5.2	14	4.9	MARSHALL AL	-28	-5	-31	16	57
44	5.4	52	5.8	46	4.4	MOBILE AL	7	-23	-18	23	47
3	5.5	1	1.7	2	3.4	MONROE AL	-69	102	-38	13	29
19	4.2	23	5.1	30	5.6	MONTGOMERY AL	20	11	34	54	69
16*	6.6	8	2.7	12	3.3	MORGAN AL	-59	23	-50	08	28
2	6.0	1	3.3	1	2.9	PERRY AL	-46	-10	-51	07	23
4	6.3			2	2.8	PICKENS AL			-56	06	22
4	5.0	3	4.0	2	2.3	PIKE AL	-21	-41	-53	07	18
2	2.5	3	4.0	3	3.9	RANDOLPH AL	59	-4	52	62	36
7	6.8	1	.8	4	3.1	RUSSELL AL	-89	297	-54	06	25
1	1.0	3	2.9	12	8.5	ST CLAIR AL	187	195	746	99	91
8	7.0	7	5.0	15	8.4	SHELBY AL	-28	68	20	46	90
2	8.4	2	9.6	2	10.3	SUMTER AL	15	7	23	47	95
11	6.1	15	7.4	15	6.3	TALLADEGA AL	22	-15	3	35	77
8	6.7	6	4.8	7	4.9	TALLAPOOSA AL	-29	3	-27	18	57
17	4.7	16	4.1	26	6.1	TUSCALOOSA AL	-13	47	29	51	74
13	5.0	16	6.3	13	4.4	WALKER AL	25	-31	-13	25	46
		1	2.1	1	1.8	WASHINGTON AL		-14			13
		1	3.7			WILCOX AL					
4	5.7	3	3.7	10*	10.1	WINSTON AL	-34	169	78	71	94
		20	3.0	45	4.3	ALASKA AK		43			
166	4.0	265	4.0	430	4.5	ARIZONA AZ	1	12	14		
1	4.3			2	6.4	APACHE AZ			50	61	78
6	3.2	8	3.3	17	5.4	COCHISE AZ	4	61	68	69	64
		2	1.3	6	3.6	COCONINO AZ		186			32
4	3.5	4	3.3	8	5.7	GILA AZ	-6	74	63	67	69
3	7.5	5	7.5			GRAHAM AZ	-1				
2	2.8	2	4.2	2	3.6	GREENLEE AZ	49	-14	27	50	31
97	4.5	159	4.4	256	4.8	MARICOPA AZ	-1	8	7	37	54
		3	2.3	6	2.7	MOHAVE AZ		16			21
3	3.7	4	4.4	4	3.1	NAVAJO AZ	20	-29	-15	24	25
33	4.2	50	3.6	96	5.0	PIMA AZ	-14	39	20	46	58
8	3.0	7	2.6	13	4.1	PINAL AZ	-13	55	35	54	40
3	6.7	1	2.0	1	1.2	SANTA CRUZ AZ	-70	-41	-82	00	11
3	1.7	10	6.0	14	4.0	YAVAPAI AZ	249	-34	129	83	38
3	2.0	10	4.5	5	1.6	YUMA AZ	124	-64	-19	22	12
258	3.6	315	4.1	412	4.5	ARKANSAS AR	15	10	26		
3	3.0	3	3.0	7	6.9	ARKANSAS AR	-1	129	128	82	82
2	2.7	4	4.9	2	2.3	ASHLEY AR	83	-52	-12	26	18
3	5.0	2	2.5	7	4.6	BAXTER AR	-51	68	-9	28	51
5	2.6	10	4.2	6	1.7	BENTON AR	66	-61	-35	14	13
		5	6.0	5	4.3	BOONE AR		-23			44
		2	4.3	2	3.8	BRADLEY AR		-12			35

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				3	11.2	CALHOUN	AR					96
1	1.5	3	4.9	5	5.7	CARROLL	AR	222	17	277	93	69
1	2.5	1	2.3	6*	12.9	CHICOT	AR	-10	471	416	97	98
1	1.2	1	1.2	4	4.3	CLARK	AR	1	254	257	93	44
5	4.2	5	4.7	12*	9.8	CLAY	AR	11	110	134	83	94
2	3.7	1	1.8	4	4.9	CLEBURNE	AR	-51	172	32	53	56
				1	2.4	CLEVELAND	AR					19
2	2.3	3	3.3	2	2.1	COLUMBIA	AR	44	-36	-7	29	16
1	1.5	4	6.0	6	7.4	CONWAY	AR	298	24	393	97	86
9	4.1	9	3.9	9	3.6	CRAIGHEAD	AR	-5	-8	-12	26	32
6	5.9	2	1.7	8	5.6	CRAWFORD	AR	-71	229	-4	31	69
4	6.3	6	6.5	8	7.0	CRITTENDEN	AR	2	8	11	40	83
1	1.5	5	7.0	3	3.7	CROSS	AR	380	-47	156	86	34
1	2.2	5*	13.5	1	1.9	DALLAS	AR	528	-86	-10	27	15
2	3.2	1	1.9	3	5.5	DESHA	AR	-41	191	73	70	66
		1	1.8	2	3.4	DREW	AR		89			29
3	3.0	5	4.2	5	3.4	FAULKNER	AR	42	-19	15	42	29
5	7.4	4	6.4	7	10.3	FRANKLIN	AR	-14	62	39	56	95
1	2.2			3	7.4	FULTON	AR			244	92	86
11	4.5	18	7.0	19	5.2	GARLAND	AR	57	-27	15	43	61
1	2.0	1	1.8			GRANT	AR	-11				
2	1.6	1	.9	6	4.8	GREENE	AR	-46	448	198	90	54
1	1.4	5	6.3	3	3.2	HEMPSTEAD	AR	359	-49	134	83	27
5	5.5	4	3.8	6	5.1	HOT SPRING	AR	-30	33	-7	30	61
2	4.4	3	9.2	6	11.5	HOWARD	AR	110	24	161	87	97
4	4.3	2	1.8	7	5.1	INDEPENDENCE	AR	-58	184	19	45	60
		1	3.2	1	.8	IZARD	AR		-75			10
3	3.1	2	2.0	3	2.8	JACKSON	AR	-37	42	-10	27	22
6	2.8	13	5.4	8	3.0	JEFFERSON	AR	92	-44	8	58	24
3	4.3	5	7.6	3	3.1	JOHNSON	AR	76	-60	-29	17	25
		3	7.5			LAFAYETTE	AR					
		3	3.8	2	2.5	LAWRENCE	AR		-33			20
1	2.1			3	8.0	LEE	AR			283	94	89
3	7.3	2	4.3	2	5.5	LINCOLN	AR	-42	29	-24	19	67
4*	13.7	1	2.5	4	8.5	LITTLE RIVER	AR	-82	240	-58	13	91
4	4.1			5	4.8	LOGAN	AR			18	45	55
5	5.0	5	4.7	5	4.1	LONOKE	AR	-6	-14	-19	22	39
1	1.8	3	4.9	1	1.9	MADISON	AR	175	-61	8	38	14
2	5.3			2	4.8	MARION	AR			-10	28	54
5	4.2	4	3.1	11	7.7	MILLER	AR	-27	151	84	73	87
4	1.8	11	5.2	9	4.6	MISSISSIPPI	AR	185	-13	147	85	50
2	5.1	2	4.7	6*	12.4	MONROE	AR	-8	165	145	85	97
		1	2.6	1	3.4	MONTGOMERY	AR		31			30
2	5.0	3	7.2	4	7.2	NEVADA	AR	45	0	44	59	85
1	2.3	2	6.2	2	5.7	NEWTON	AR	166	-8	145	85	69
3	3.1	3	3.9	8	8.0	OUACHITA	AR	27	104	158	86	89
1	3.8	1	3.0	1	2.8	PERRY	AR	-20	-6	-25	19	23
6	6.9	4	4.5	1	1.2	PHILLIPS	AR	-35	-73	-82	00	11
1	2.3	2	4.2	1	2.0	PIKE	AR	84	-51	-11	27	15
3	2.0	4	3.2	5	4.0	POINSETT	AR	60	23	97	76	38
2	2.9	5	8.0	5	4.7	POLK	AR	172	-42	58	65	52
5	4.6	2	1.6	4	2.4	POPE	AR	-65	49	-48	09	19
2	3.8	3	5.4	1	2.4	PRAIRIE	AR	44	-57	-37	13	18
37	4.5	40	4.1	58	5.4	PULASKI	AR	-10	33	19	45	66
6	8.7	2	2.6	2	2.9	RANDOLPH	AR	-70	12	-66	03	23
2	3.2	3	3.3	4	4.8	ST FRANCIS	AR	4	46	51	61	55
3	2.2	7	4.4	9	4.4	SALINE	AR	103	0	104	78	47
4	8.2	3	6.7	1	1.6	SCOTT	AR	-19	-76	-81	01	12
2	4.3	3	7.3	3	5.4	SEARCY	AR	69	-26	25	49	64
16	5.7	16	4.8	22	5.6	SEBASTIAN	AR	-16	17	-2	32	68
3	5.1			2	2.5	SEVIER	AR			-52	07	19
				1	2.2	SHARP	AR					16
1	2.9	3	8.4			STONE	AR	188				
10	5.4	11	6.2	10	5.1	UNION	AR	14	-18	-7	30	60
2	4.2	4	8.3	4	5.6	VAN BUREN	AR	97	-33	32	53	68
9	3.8	11	3.4	13	3.6	WASHINGTON	AR	-10	6	-4	31	32
2	1.2	3	1.7	12	5.3	WHITE	AR	39	208	327	95	63
4	8.2	4	8.3	2	4.3	WOODRUFF	AR	1	-48	-48	09	45
4	5.6	4	5.6	3	3.6	YELL	AR	0	-36	-36	14	31
2508	4.1	3612*	4.7	4375*	5.1	CALIFORNIA	CA	15	8	24		
135	3.8	197	5.1	184	4.9	ALAMEDA	CA	36	-5	29	51	56
1	1.9	1	2.5	10*	11.2	AMADOR	CA	32	356	503	98	96
13	3.3	25	5.2	25	4.0	BUTTE	CA	56	-24	19	45	38
3	4.6	5	5.3	4	3.8	CALAVERAS	CA	15	-29	-18	23	34
1	1.6	4	6.4	2	3.7	COLUSA	CA	294	-43	127	82	33
52	3.5	95	4.8	123	5.1	CONTRA COSTA	CA	35	6	43	58	60
2	2.8	4	5.0	5	6.8	DEL NORTE	CA	79	38	147	85	82
2	1.4	11	5.2	16	4.9	EL DORADO	CA	266	-7	260	93	56
63	4.5	56	3.3	88	4.9	FRESNO	CA	-26	47	9	39	56
2	2.2	2	2.8	5	4.5	GLENN	CA	28	60	104	78	49
11	2.4	21	4.2	12	2.5	HUMBOLDT	CA	72	-40	4	35	20
8	2.7	8	2.5	10	3.3	IMPERIAL	CA	-6	31	23	48	28
1	1.4	5	7.1	3	3.6	INYO	CA	401	-50	152	86	32
50	4.5	70	5.3	74	5.0	KERN	CA	18	-5	13	41	59
10	5.1	9	3.6	12	4.5	KINGS	CA	-30	26	-12	26	49
		2	3.1	11	4.3	LAKE	CA		36			44
2	1.9			1	1.2	LASSEN	CA			-38	13	11
1066*	4.5	1366*	4.9	1513*	5.6	LOS ANGELES	CA	8	14	24	48	68
9	5.0	6	3.1	6	2.7	MADERA	CA	-39	-14	-47	09	21
21	3.4	34	4.4	46	4.9	MARIN	CA	30	11	44	58	57
2	5.5	1	2.0	5	9.7	MARIPOSA	CA	-63	378	75	71	93
8	3.0	3	1.1	14	4.7	MENDOCINO	CA	-62	325	60	66	54
13	5.1	18	4.3	20	4.2	MERCED	CA	37	-1	36	55	43
1	2.4	1	2.1	4	7.4	MODOC	CA	-12	246	205	90	86
28	3.8	41	5.0	34	3.5	MONTEREY	CA	34	-30	-6	31	31
11	3.5	19	4.2	21	4.9	NAPA	CA	21	15	40	56	56
3	2.6	4	2.3	10	4.0	NEVADA	CA	-12	74	52	62	39
72	3.5	171	4.1	362*	5.8	ORANGE	CA	17	42	66	68	71

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
9	3.2	13	3.8	18	3.6	PLACER CA	17	-5	11	40	32
2	2.7			4	4.9	PLUMAS CA			80	72	56
41	3.7	83	4.7	109	4.0	RIVERSIDE CA	27	-14	9	39	39
74	4.1	114	4.8	150	5.4	SACRAMENTO CA	16	14	32	53	65
2	2.5	1	1.2			SAN BENITO CA	-51				
72	3.9	113	4.3	156	4.9	SAN BERNARDINO CA	10	12	24	48	56
142	4.2	249*	5.1	323	5.1	SAN DIEGO CA	22	-2	20	46	60
173	4.3	184*	5.4	133	4.9	SAN FRANCISCO CA	26	-10	14	42	56
38	3.7	51	4.1	60	4.5	SAN JOAQUIN CA	10	10	22	47	48
14	3.9	18	3.7	36	5.6	SAN LUIS OBISPO CA	-6	51	42	58	68
78	5.2	124*	5.7	133	5.5	SAN MATEO CA	10	-3	6	37	68
26	4.3	42	4.6	56	4.9	SANTA BARBARA CA	6	9	15	42	57
78	3.9	163	4.9	185	4.4	SANTA CLARA CA	26	-9	15	43	47
19	4.9	27	4.7	44	6.3	SANTA CRUZ CA	-4	35	29	51	77
6	2.3	6	1.9	15	2.9	SHASTA CA	-17	51	26	49	23
		2	9.9			SIERRA CA					
1	.5	10	5.7	15	7.9	SISKIYOU CA	971	40	1394	99	88
16	3.0	21	3.4	31	4.3	SOLANO CA	14	24	42	57	44
24	3.5	41	4.5	77*	6.1	SONOMA CA	31	35	77	71	75
30	4.0	33	3.9	44	4.3	STANISLAUS CA	-3	8	5	36	44
7	6.6	15*	9.2	10	4.9	SUTTER CA	40	-47	-25	18	57
6	5.6	6	4.3	9	5.0	TEHAMA CA	-24	18	-11	27	59
2	4.2	1	1.8	4	8.0	TRINITY CA	-58	357	93	75	89
25	3.4	44	5.4	33	3.6	TULARE CA	60	-34	6	36	31
3	3.8	5	5.3	5	3.0	TUOLUMNE CA	41	-44	-21	21	24
23	3.1	46	3.8	82	4.9	VENTURA CA	22	30	59	65	56
4	1.3	18	5.4	12	3.0	YOLO CA	307	-45	126	82	24
3	2.0	3	2.1	11	6.1	YUBA CA	2	191	196	89	74
270	3.8	301	3.5	475	4.7	COLORADO CO	-7	33	24		
8	3.2	22	3.6	36	4.5	ADAMS CO	15	23	42	57	48
2	3.6	3	6.8			ALAMOSA CO	88				
				1	4.9	ARCHULETA CO					57
3	8.7	2	6.5			BACA CO	-25				
		4	9.4	1	2.3	BENT CO		-75			18
9	3.6	7	1.6	28	5.4	BOULDER CO	-54	229	50	61	64
3	6.1	1	2.2			CHAFFEE CO	-64				
3*	23.4	1	7.1			CHEYENNE CO	-70				
1	10.6	3*	13.9	1	1.4	CLEAR CREEK CO	31	-90	-87	00	11
1	2.7	2	5.6			CONEJOS CO	106				
				2	15.3	COSTILLA CO					98
		1	10.1			CUSTER CO					
6	7.1	2	1.9	5	4.5	DELTA CO	-73	132	-37	13	47
114	4.6	107	3.9	144	5.1	DENVER-ARAPAHOE# CO	-16	31	10	39	60
1	3.8			4	6.5	DOUGLAS CO			71	70	80
3*	13.4	1	3.5	1	5.0	EAGLE CO	-74	43	-63	04	58
1	4.2					ELBERT CO					
22	5.1	20	3.1	37	4.1	EL PASO CO	-40	34	-19	22	41
5	4.6	5	3.6	8	5.4	FREMONT CO	-20	49	19	45	66
1	1.5	2	2.7	5	5.4	GARFIELD CO	78	103	262	93	65
		2	9.2	2	6.6	GRAND CO		-28			80
				3	9.6	GUNNISON CO					93
2	4.2	1	2.7	1	2.8	HUERFANO CO	-35	5	-32	16	23
1	8.4					JACKSON CO					
8	2.2	26	3.5	58	4.8	JEFFERSON CO	62	37	122	81	55
		1	10.9			KIOWA CO					
4*	11.1	1	2.8	2	4.2	KIT CARSON CO	-75	54	-62	04	43
1	4.3			4*	11.8	LAKE CO			177	88	97
2	2.2	2	2.2	4	3.9	LA PLATA CO	-3	80	75	71	37
8	3.2	13	4.3	19	3.7	LARIMER CO	34	-14	15	43	33
		3	3.8	4	3.6	LAS ANIMAS CO		-7			32
		1	4.5	2	8.0	LINCOLN CO		76			89
6	6.6	2	2.3	6	6.3	LOGAN CO	-65	172	-3	32	77
4	2.0	9	3.4	17	5.2	MESA CO	70	52	157	86	62
1*	54.5			1*	20.6	MINERAL CO			-62	04	99
2	5.7	1	3.1	3	9.0	MOFFAT CO	-45	187	59	65	92
2	2.7	1	1.6	5	7.9	MONTEZUMA CO	-43	403	188	89	88
		2	2.2	3	3.1	MONTROSE CO		40			26
1	.9	3	3.5	4	4.1	MORGAN CO	285	18	356	96	41
4	3.5	4	3.8	4	3.4	OTERO CO	7	-9	-3	32	30
				1	9.3	OURAY CO					93
1	12.3	2*	14.0			PARK CO	14				
				2	9.8	PHILLIPS CO					94
		1	7.4			PITKIN CO					
1	1.6			4	6.9	PROWERS CO			317	95	82
17	3.2	18	3.3	25	4.6	PUEBLO CO	5	37	44	58	50
1	4.0	2	7.6	1	4.0	RIO BLANCO CO	93	-48	0	33	37
2	3.1	2	3.8	5	10.1	RIO GRANDE CO	23	163	225	91	95
3	7.2	1	3.4	3	9.8	ROUTT CO	-53	186	36	55	94
1	4.4					SAGUACHE CO					
1	6.2			2*	19.9	SAN MIGUEL CO			220	91	99
		2	9.3			SEDGWICK CO					
1	12.0					SUMMIT CO					
1	1.9	1	2.9			WASHINGTON CO	52				
11	3.0	14	3.8	17	3.9	WELD CO	26	2	29	51	36
1	2.0	3	8.6			YUMA CO	329				
425	3.8	560	4.3	680	4.9	CONNECTICUT CT	15	13	29		
116	4.0	137	4.0	177	4.9	FAIRFIELD CT	0	21	20	46	56
117	3.9	193*	5.7	178	4.9	HARTFORD CT	44	-14	24	48	56
19	3.3	21	3.2	45	5.8	LITCHFIELD CT	-2	78	75	71	71
10	2.5	15	3.0	35	6.1	MIDDLESEX CT	22	100	144	85	74
111	3.7	139	4.2	150	4.4	NEW HAVEN CT	14	5	19	45	46
27	3.5	30	3.2	52	5.0	NEW LONDON CT	-7	55	43	58	59
13	5.2	9	2.4	19	4.5	TOLLAND CT	-53	84	-14	25	49
12	3.4	16	4.3	24	5.7	WINDHAM CT	25	34	67	69	70

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COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
62	3.8	68	3.4	99	4.6	DELAWARE DE	-10	36	23		
6	2.7	8	2.9	10	3.5	KENT DE	7	21	29	51	30
44	3.8	50	3.6	78	5.3	NEW CASTLE DE	-5	46	39	56	63
12	4.4	10	3.1	11	2.9	SUSSEX DE	-30	-5	-33	15	23
96	4.4	80	5.1	43	4.2	DIST. OF COLUMBIA DC	18	-19	-5		
96	4.4	80	5.1	43	4.2	WASHINGTON DC	18	-19	-5	31	42
573	3.6	1182	4.4	2281*	5.5	FLORIDA FL	24	24	53		
7	4.1	9	3.6	20	5.5	ALACHUA FL	-12	53	35	54	67
		1	4.8	3	6.7	BAKER FL		40			81
8	3.1	11	4.4	15	4.1	BAY FL	43	-7	33	53	40
		2	4.3	1	1.3	BRADFORD FL		-70			11
5	1.8	25	4.3	64	5.5	BREVARD FL	141	27	206	90	67
25	2.7	110	4.1	256	5.1	BROWARD FL	51	24	88	74	60
3	8.2			2	4.4	CALHOUN FL			-47	09	46
		6	2.8	19	4.9	CHARLOTTE FL		77			57
2	4.1	3	2.1	13	3.4	CITRUS FL	-48	58	-18	22	29
2	3.9			9	5.0	CLAY FL			30	51	59
1	1.9	5	2.8	19	4.6	COLLIER FL	45	65	140	84	50
2	3.4	7*	8.6	7	6.1	COLUMBIA FL	152	-29	79	72	75
134	3.9	250	4.8	401*	5.7	DADE FL	23	20	48	60	70
1	2.9	2	3.2	5	6.8	DE SOTO FL	9	116	137	84	82
		2	10.9	3	10.3	DIXIE FL		-5			95
42	3.2	93*	5.8	105	5.8	DUVAL FL	81	0	81	72	71
15	3.9	38	6.0	46	6.2	ESCAMBIA FL	55	2	58	65	76
		1	4.3	1	1.4	FLAGLER FL		-67			11
2	10.4	2	6.5			FRANKLIN FL	-37				
2	2.2	3	3.2	1	1.0	GADSDEN FL	49	-68	-53	07	10
				1	3.9	GLADES FL					36
1	2.7	4*	11.0	3	7.8	GULF FL	300	-29	186	89	88
		1	4.4	1	4.0	HAMILTON FL		-10			37
2	3.7	1	1.6	9*	12.1	HARDEE FL	-56	650	229	91	97
1	6.5	3	9.1	3	5.1	HENDRY FL	40	-44	-22	21	60
4*	9.5	3	3.5	6	2.0	HERNANDO FL	-63	-43	-79	01	15
3	4.2	6	4.3	11	3.6	HIGHLANDS FL	2	-17	-16	24	31
42	3.1	76	4.0	122	5.0	HILLSBOROUGH FL	30	25	62	67	59
1	1.8	2	4.2	3	3.8	HOLMES FL	133	-9	111	80	34
3	4.4	9	5.3	11	4.8	INDIAN RIVER FL	19	-10	7	38	54
2	1.5	2	1.6	7	5.5	JACKSON FL	12	236	276	93	68
		1	4.5	1	3.5	JEFFERSON FL		-21			30
6	3.3	10	2.9	21	3.5	LAKE FL	-10	19	7	37	30
11	5.8	18	4.5	57	5.4	LEE FL	-22	21	-6	30	65
6	4.5	10	4.6	20	5.8	LEON FL	2	28	30	52	71
2	6.3	3	5.0	5	7.1	LEVY FL	-21	42	12	41	84
1	2.5	3	7.7	2	5.7	MADISON FL	206	-26	127	82	70
8	3.5	17	3.1	44	5.7	MANATEE FL	-12	85	64	67	70
5	3.2	16	6.9	18	4.0	MARION FL	114	-42	23	48	38
3	5.8	3	1.9	23*	7.2	MARTIN FL	-67	272	23	47	84
5	4.2	7	3.8	13	4.5	MONROE FL	-8	18	8	38	49
1	1.3	2	3.7	2	2.1	NASSAU FL	180	-42	62	66	16
4	1.3	6	2.4	21	5.8	OKALOOSA FL	79	140	331	95	71
1	7.3	3	8.5	5	5.1	OKEECHOBEE FL	17	-40	-29	17	61
34	4.4	56	4.7	91	5.7	ORANGE FL	7	20	28	50	69
2	2.7	6	4.4	5	3.0	OSCEOLA FL	61	-33	8	38	24
26	3.4	61	4.6	156*	5.7	PALM BEACH FL	34	24	67	69	69
6	4.4	13	3.4	54	5.4	PASCO FL	-21	58	24	49	65
58	4.4	110	3.7	266*	6.5	PINELLAS FL	-16	74	47	59	79
23	3.7	54*	6.1	68	5.5	POLK FL	66	-10	50	61	67
3	2.9	2	1.7	10	4.6	PUTNAM FL	-39	174	68	69	54
4	4.1	7	6.3	8	4.6	ST JOHNS FL	53	-26	13	41	51
7	6.7	5	2.7	13	4.3	ST LUCIE FL	-60	62	-35	14	46
6	5.6	4	3.5	10	4.9	SANTA ROSA FL	-38	40	-14	25	56
9	3.0	28	3.6	82*	7.4	SARASOTA FL	18	109	147	85	86
4	2.9	7	2.5	32	6.2	SEMINOLE FL	-12	144	115	80	76
1	2.0	1	1.1	6	5.4	SUMTER FL	-43	373	170	87	64
1	1.6	9*	15.7	6	7.9	SUWANNEE FL	860	-50	380	96	88
3	8.2			6	10.2	TAYLOR FL			25	49	95
		2	5.4			UNION FL					
20	5.1	37	4.5	60	4.7	VOLUSIA FL	-12	6	-7	29	54
		1	3.9			WAKULLA FL					
2	3.1	1	1.4	8	8.2	WALTON FL	-54	488	169	87	90
1	2.3	2	4.4	1	1.3	WASHINGTON FL	88	-69	-43	10	11
501	4.2	676*	4.8	820	5.0	GEORGIA GA	15	4	20		
2	3.3					APPLING GA					
3*	15.4	1	4.4			ATKINSON GA	-72				
4*	13.2			1	2.4	BACON GA			-82	00	19
3	2.7	2	1.7	4	3.1	BALDWIN GA	-35	78	15	43	25
		1	3.1	1	2.5	BANKS GA		-21			19
		3	5.1	1	1.3	BARROW GA		-75			11
1	1.3	5	4.1	9	5.7	BARTOW GA	221	38	343	96	69
1	2.1	3	6.2	2	4.4	BEN HILL GA	202	-30	112	80	46
		2	3.9	3	5.1	BERRIEN GA		29			60
13	3.5	19	4.9	30	6.9	BIBB GA	42	41	99	77	82
1	3.3			2	5.2	BLECKLEY GA			56	64	62
2	6.4	2	7.9			BRANTLEY GA	24				
1	1.6	1	2.2			BROOKS GA	37				
2	10.8	2	11.7	2	6.3	BRYAN GA	9	-46	-41	11	78
2	2.6	10*	11.1	6	5.7	BULLOCH GA	334	-48	123	82	70
4*	13.2	1	2.4	1	2.5	BURKE GA	-82	5	-81	00	19
1	3.9	1	3.2			BUTTS GA	-18				
1	7.0					CALHOUN GA					
1	6.2			4	10.4	CAMDEN GA			67	68	95
1	2.7			1	3.2	CANDLER GA			17	44	26

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
9	7.2	11	7.0	9	5.0	CARROLL GA	-3	-29	-31	16	58
2	2.3	6	5.9	6	4.3	CATOOSA GA	154	-27	84	73	44
2	13.3	1	6.7	1	5.4	CHARLTON GA	-49	-20	-59	05	65
18	3.8	33	6.0	33	6.1	CHATHAM GA	59	1	61	66	75
1	1.4	6	6.5	5	5.2	CHATTOOGA GA	348	-19	263	93	62
5	5.2	7	5.9	7	4.4	CHEROKEE GA	13	-25	-16	24	47
5	3.6	4	3.1	8	3.9	CLARKE GA	-12	24	9	39	36
1	9.9					CLAY GA					
3	2.7	9	4.6	25	6.0	CLAYTON GA	74	30	127	82	73
				3*	15.1	CLINCH GA					98
9	2.9	41*	7.4	55	6.3	COBB GA	157	-15	118	81	77
2	2.6	3	3.6	2	2.0	COFFEE GA	41	-44	-21	21	15
4	3.0	7	5.7	3	2.1	COLQUITT GA	89	-62	-29	17	16
		2	3.9	4	2.9	COLUMBIA GA		-27			23
		1	2.0	5	11.3	COOK GA		454			96
7*	8.4	1	1.0	6	4.7	COWETA GA	-88	385	-44	10	53
1	6.6			1	4.6	CRAWFORD GA			-30	17	51
1	1.6	1	1.8	2	3.3	CRISP GA	10	89	108	79	28
1	3.5	4	11.2	3	5.8	DADE GA	223	-48	69	69	72
1	4.7			1	5.0	DAWSON GA			5	36	58
2	3.3	2	2.8	2	3.0	DECATUR GA	-15	5	-11	27	23
25	3.5	70*	5.9	76	5.8	DE KALB GA	69	-2	66	68	71
4	6.7	2	3.3	1	1.9	DODGE GA	-51	-42	-72	02	14
		1	3.1			DOOLY GA					
4	2.6	6	3.0	8	4.1	DOUGHERTY GA	14	37	57	64	40
1	1.7	1	.9	6	5.0	DOUGLAS GA	-49	482	199	90	57
				2	5.8	EARLY GA					71
1	3.2					EFFINGHAM GA					
2	3.2	3	5.5			ELBERT GA	73				
		3	4.4	3	4.3	EMANUEL GA		-1			45
		1	4.5	1	3.5	EVANS GA		-23			30
2	3.2	4	5.9	6	9.2	FANNIN GA	85	54	186	89	93
2	7.1	2	4.5	1	1.4	FAYETTE GA	-38	-69	-81	00	11
16	5.9	16	5.6	17	5.3	FLOYD GA	-5	-5	-10	28	63
6*	12.5	4	7.0	4	4.3	FORSYTH GA	-44	-38	-65	03	45
2	3.8	3	5.7	5	7.6	FRANKLIN GA	52	32	102	78	87
82	4.8	94	5.5	79	5.2	FULTON GA	14	-6	7	37	61
4	9.1	1	2.5	1	2.0	GILMER GA	-72	-21	-78	01	15
2*	16.2	1	9.8	2*	15.5	GLASCOCK GA	-40	59	-4	31	99
3	3.2	5	3.3	7	3.9	GLYNN GA	4	16	20	46	35
4	4.1	5	6.0	5	3.9	GORDON GA	45	-35	-7	30	36
2	3.2	3	5.8	7*	9.5	GRADY GA	83	63	199	90	93
2	7.3	4*	13.6	2	5.5	GREENE GA	86	-60	-25	18	66
7	4.8	10	4.7	24	5.5	GWINNETT GA	-2	18	15	43	67
3	4.5	2	2.1	7	7.5	HABERSHAM GA	-52	250	68	69	86
8	4.0	10	4.3	16	5.9	HALL GA	6	39	47	59	72
1	5.7	1	6.4	1	11.1	HANCOCK GA	11	75	94	75	96
4	6.8	3	4.4	6	7.8	HARALSON GA	-36	78	15	42	88
1	3.5			1	2.1	HARRIS GA			-40	12	16
2	3.4	2	3.4	1	1.6	HART GA	2	-52	-51	07	13
5*	23.0	2	9.5	1	3.6	HEARD GA	-59	-62	-84	00	32
		4	6.2	8	8.1	HENRY GA		31			90
7	9.7	9	5.8	7	3.9	HOUSTON GA	-40	-33	-60	05	36
		2	6.1			IRWIN GA					
4	5.2	1	1.6	9*	8.6	JACKSON GA	-69	445	67	69	91
				1	5.7	JASPER GA					70
1	3.5	1	2.3	1	2.7	JEFF DAVIS GA	-35	20	-22	21	21
1	2.5	2	4.9	5*	11.3	JEFFERSON GA	96	130	351	96	96
1	4.2	2	8.3	2	8.4	JENKINS GA	99	1	101	77	90
1	2.9	1	3.1	1	3.8	JOHNSON GA	8	20	30	51	34
				2	4.7	JONES GA					53
2	6.6	1	3.0	2	5.0	LAMAR GA	-55	70	-24	19	59
3	2.8	8	7.0	4	3.8	LAURENS GA	154	-47	36	55	34
		1	15.7	5*	22.2	LEE GA		41			99
1	5.5	3	9.3	4	10.9	LIBERTY GA	69	17	97	76	96
2	14.4	2	10.7			LINCOLN GA	-26				
		1	6.0			LONG GA					
6	4.4	5	3.3	5	2.8	LOWNDES GA	-27	-14	-37	13	22
1	3.9	2	5.7	1	2.5	LUMPKIN GA	46	-57	-37	13	19
2	6.7	2	4.6	5	10.2	MC DUFFIE GA	-32	122	52	62	95
		1	6.1	2	9.3	MC INTOSH GA		51			93
2	8.2	1	3.6			MACON GA	-56				
1	1.9			3	4.3	MADISON GA			132	83	45
				1	6.0	MARION GA					74
2	4.4	1	1.9	6*	9.5	MERIWETHER GA	-57	399	116	80	93
2	6.9			1	3.4	MILLER GA			-51	08	29
3	5.2	3	6.5	3	5.5	MITCHELL GA	25	-15	6	37	67
		2	7.4	3	8.9	MONROE GA		21			92
1	4.4			1	4.1	MONTGOMERY GA			-8	29	40
2	3.6	6*	11.5	4	5.8	MURRAY GA	219	-50	60	66	71
19	4.2	28	5.9	28	5.8	MUSCOGEE#GA	40	-1	39	56	72
1	1.3	4	5.0	7	6.6	NEWTON GA	302	32	428	97	81
3*	15.2	1	3.7	1	2.9	OCONEE GA	-76	-21	-81	01	23
1	4.3	1	4.1			OGLETHORPE GA	-4				
2	4.3	4	6.3	3	3.0	PAULDING GA	48	-52	-29	17	25
1	3.1			1	2.6	PEACH GA			-14	25	21
3	6.9	1	2.1	2	4.1	PICKENS GA	-69	93	-41	11	40
		2	5.0	3	6.6	PIERCE GA		34			81
3*	14.6			2	7.0	PIKE GA			-52	07	83
8	7.3	4	3.3	6	4.6	POLK GA	-55	39	-37	13	50
2	13.8			5*	18.0	PUTNAM GA			30	52	99
		1*	13.8			QUITMAN GA					
4*	11.8					RABUN GA					
		1	5.8	1	3.8	RANDOLPH GA		-35			34
17	5.2	20	5.3	19	4.1	RICHMOND GA	1	-23	-22	20	40
		2	4.8	5	5.8	ROCKDALE GA		22			72
				1	7.6	SCHLEY GA					87
1	2.6	1	2.3	2	5.1	SCREVEN GA	-10	122	99	77	61
				2	6.5	SEMINOLE GA					80
7	6.2	5	3.8	8	5.5	SPALDING GA	-39	45	-12	26	66

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
2	3.1	4	4.7	3	3.2	STEPHENS GA	52	-33	2	34	27
2*	15.3	2*	15.7			STEWART GA	3				
4	7.6	3	4.3	2	3.2	SUMTER GA	-44	-24	-58	05	27
1	11.2	1	8.9			TALBOT GA	-21				
1	14.6	1	10.8			TALIAFERRO GA	-26				
3	5.4	2	3.0	1	2.1	TATTNALL GA	-44	-32	-61	04	16
1	4.3	1	3.8	2	7.2	TAYLOR GA	-13	91	66	68	84
1	2.2	2	4.6	2	4.3	TELFAIR GA	114	-8	98	76	44
		1	4.8	1	5.7	TERRELL GA		20			70
4	3.5	4	3.4	5	4.8	THOMAS GA	-2	38	36	55	54
4	5.5	3	3.7	3	2.8	TIFT GA	-32	-25	-49	08	22
2	5.4	5	8.4	4	5.2	TOOMBS GA	54	-38	-5	31	61
1	4.6	1	4.1			TOWNS GA	-10				
		1	5.9	2	8.9	TREUTLEN GA		51			92
4	2.9	8	5.2	11	6.9	TROUP GA	84	32	142	84	82
		1	3.8	1	2.8	TURNER GA		-28			21
		1	7.3	2	10.7	TWIGGS GA		48			95
2	7.1			2	4.8	UNION GA			-32	16	55
4	4.9	5	7.2	7	7.3	UPSON GA	47	2	49	60	85
8	4.2	13	6.2	13	5.5	WALKER GA	47	-12	30	51	67
4	6.2	3	3.7	6	5.6	WALTON GA	-41	54	-9	28	69
1	.6	4	3.1	8	6.3	WARE GA	454	101	1011	99	77
2	3.5	4	8.9	1	2.2	WASHINGTON GA	154	-76	-39	12	16
1	2.3	1	1.5	4	5.4	WAYNE GA	-32	252	140	84	65
1	13.7	1	20.2	1	20.2	WEBSTER GA	48	0	48	60	99
				1	4.1	WHEELER GA					40
4*	14.1	3	9.7	2	5.3	WHITE GA	-31	-45	-62	04	63
10	5.2	12	5.6	12	4.7	WHITFIELD GA	8	-17	-11	27	52
1	3.8					WILCOX GA					
1	3.9	2	7.1	2	6.0	WILKES GA	84	-15	57	64	74
1	4.7			2	6.4	WILKINSON GA			37	55	79
2	3.8					WORTH GA					
		31	3.8	53	4.6	HAWAII HI		21			
		2	2.8	5	3.6	HAWAII HI		30			33
		27	4.2	39	4.5	HONOLULU HI		7			48
		1	2.5	2	4.4	KAUAI HI		76			47
		1	1.9	7	6.8	MAUI#HI		264			81
104	3.4	147	4.6	155	4.1	IDAHO ID	35	-11	21		
13	3.1	16	3.6	24	3.7	ADA ID	16	5	21	46	34
1	5.2	2	10.8			ADAMS ID	107				
5	2.1	13	6.1	13	5.7	BANNOCK ID	187	-7	167	87	69
		4*	12.1	1	2.8	BEAR LAKE ID		-77			22
3	8.8	2	5.5	3	8.9	BENEWAH ID	-37	63	2	34	92
4	3.4	6	4.4	5	3.4	BINGHAM ID	29	-23	-1	32	29
		1	3.6			BLAINE ID					
4	4.7	5	5.4	5	4.3	BONNER ID	14	-20	-8	29	45
6	3.5	9	4.8	10	4.4	BONNEVILLE ID	37	-9	25	49	47
2	6.4			4*	12.8	BOUNDARY ID			101	77	98
1	6.7	1	6.1			BUTTE ID	-8				
6	2.2	14	5.0	14	4.1	CANYON ID	124	-19	82	72	39
		2	6.5	2	4.9	CARIBOU ID		-24			56
2	3.3	2	2.4	2	2.6	CASSIA ID	-28	9	-22	20	20
3	5.6	1	1.8	1	1.7	CLEARWATER ID	-68	-2	-69	03	13
2	12.5	1	5.5			CUSTER ID	-56				
1	2.9	4	6.1	1	.5	ELMORE ID	112	-92	-84	00	09
4	8.9	2	4.3			FRANKLIN ID	-51				
1	2.7			3	6.5	FREMONT ID			140	84	79
2	4.4			3	5.1	GEM ID			15	42	60
1	1.4	3	6.3	2	3.2	GOODING ID	364	-50	133	83	26
2	2.8	3	4.5	4	5.4	IDAHO ID	63	20	95	76	65
2	4.1			3	5.0	JEFFERSON ID			23	47	59
1	1.8	2	3.4	4	5.7	JEROME ID	88	67	214	91	70
6	4.6	10	6.3	11	4.7	KOOTENAI ID	35	-24	2	34	53
10*	10.0	6	6.0	5	4.7	LATAH ID	-40	-22	-53	07	53
2	5.1			2	5.6	LEMHI ID			8	38	68
1	4.2	2	11.2	1	4.6	LINCOLN ID	167	-59	10	39	51
3	7.5	2	5.2	1	.7	MADISON ID	-32	-86	-90	00	10
				5	6.1	MINIDOKA ID					75
3	2.2	10	7.0	6	4.0	NEZ PERCE ID	214	-43	80	72	39
				2	8.4	ONEIDA ID					91
		1	3.4	2	5.4	OWYHEE ID		56			65
1	1.8	4	6.4	4	5.2	PAYETTE ID	266	-19	198	90	62
2	1.7	4	3.7	3	3.5	SHOSHONE ID	117	-7	102	78	30
3*	25.5					TETON ID					
5	2.5	10	4.9	7	2.9	TWIN FALLS ID	97	-41	17	44	23
		2	10.8	1	3.8	VALLEY ID		-65			35
2	4.1	3	7.4	1	1.5	WASHINGTON ID	78	-80	-64	04	12
1781	4.0	2103	4.5	2188	4.7	ILLINOIS IL	13	5	18		
10	2.9	9	2.5	15	4.3	ADAMS IL	-14	73	49	60	45
1	1.5	1	1.6	2	4.6	ALEXANDER IL	4	195	207	90	51
4	4.8	1	1.3	5	6.4	BOND IL	-72	379	34	54	78
5	5.5	2	2.0	4	3.6	BOONE IL	-64	81	-35	14	31
1	2.3			1	3.2	BROWN IL			37	55	26
8	3.8	11	5.2	7	3.2	BUREAU IL	37	-38	-15	24	27
1	2.9	2	4.9	4	9.7	CALHOUN IL	71	99	240	92	94
1	1.3	3	2.9	5	4.7	CARROLL IL	120	59	249	93	52
4	4.5	3	3.8	5	6.7	CASS IL	-16	79	50	61	81
15	3.7	15	3.2	16	3.3	CHAMPAIGN IL	-13	1	-12	26	28
7	3.6	7	3.8	6	3.2	CHRISTIAN IL	3	-14	-11	27	27
4	4.8	2	2.4	1	1.1	CLARK IL	-49	-55	-77	01	10
4	4.5	3	4.7	4	5.1	CLAY IL	5	9	14	42	61
2	2.1	9	7.6	7	5.0	CLINTON IL	263	-34	138	84	58
8	3.9	7	3.5	12	5.1	COLES IL	-10	44	29	51	60
957*	4.4	1090*	5.0	1018	5.1	COOK IL	14	2	17	43	60

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
4	3.4	7	6.7	1	.7	CRAWFORD	IL	98	-89	-79	01	09
1	1.5	1	1.9	2	3.8	CUMBERLAND	IL	25	96	146	85	35
8	3.4	13	4.7	12	4.1	DE KALB	IL	38	-13	19	46	39
2	2.3			2	2.4	DE WITT	IL			7	37	19
1	1.2	2	2.2	11*	11.8	DOUGLAS	IL	78	437	854	99	97
40	3.5	68	3.8	111	5.3	DU PAGE	IL	11	37	52	62	63
4	3.2	8	7.2	5	3.6	EDGAR	IL	121	-49	12	41	33
4	9.9	1	2.5	1	1.6	EDWARDS	IL	-75	-34	-84	00	12
3	2.7	3	2.3	7	4.8	EFFINGHAM	IL	-14	107	77	71	55
1	.7	4	3.6	5	4.6	FAYETTE	IL	441	28	592	98	51
6	7.3	6	7.0	3	4.0	FORD	IL	-3	-43	-45	10	38
9	3.7	10	3.9	12	6.2	FRANKLIN	IL	7	59	69	70	77
7	3.0	8	3.4	10	4.1	FULTON	IL	12	21	36	55	40
		1	3.0			GALLATIN	IL					
		8	8.3	4	4.6	GREENE	IL		-45			50
5	4.3	7	5.7	7	5.1	GRUNDY	IL	32	-10	19	45	61
7	5.6	8	5.6	4	3.2	HANCOCK	IL	0	-44	-44	10	26
		1	3.2	4*	10.1	HARDIN	IL		218			94
		2	4.0	2	3.8	HENDERSON	IL		-6			35
7	2.7	10	3.9	14	5.2	HENRY	IL	46	34	96	76	62
9	5.5	9	5.0	7	4.1	IROQUOIS	IL	-10	-18	-26	18	39
5	2.7	8	4.4	10	4.7	JACKSON	IL	60	8	73	70	54
4	5.7	1	1.6	2	3.8	JASPER	IL	-71	131	-34	15	34
7	4.2	8	4.9	6	3.3	JEFFERSON	IL	17	-33	-22	20	28
3	3.8	5	5.8	5	5.3	JERSEY	IL	55	-8	42	57	64
7	6.3	5	4.5	5	4.2	JO DAVIESS	IL	-28	-6	-32	16	43
3	6.2			5	9.9	JOHNSON	IL			60	66	94
33	3.8	52	4.9	52	4.7	KANE	IL	30	-4	26	49	53
12	2.8	17	3.8	13	3.1	KANKAKEE	IL	33	-18	9	39	25
1	1.4	2	2.3	6	3.9	KENDALL	IL	68	70	185	89	37
13	4.2	17	5.7	15	4.9	KNOX	IL	36	-13	18	44	57
45	4.1	56	3.9	69	4.5	LAKE	IL	-5	13	7	38	47
19	3.6	20	3.6	23	3.9	LA SALLE	IL	2	8	10	39	37
2	1.8	2	1.9	1	1.0	LAWRENCE	IL	5	-47	-45	10	10
9	4.8	10	5.5	9	5.0	LEE	IL	13	-8	3	35	58
11	5.3	13	6.4	4	2.1	LIVINGSTON	IL	22	-67	-59	05	16
6	3.7	6	3.5	9	5.5	LOGAN	IL	-6	57	48	60	67
9	6.2	4	2.6	5	3.8	MC DONOUGH	IL	-58	45	-39	12	35
9	2.6	17	3.6	25	4.7	MC HENRY	IL	37	32	81	72	52
14	3.6	12	2.9	17	3.8	MC LEAN	IL	-19	32	6	37	35
24	4.6	16	2.9	32	5.7	MACON	IL	-38	101	25	49	70
12	5.1	10	4.3	12	5.0	MACOUPIN	IL	-15	16	-2	32	59
27	2.8	46	4.2	59	5.2	MADISON	IL	49	25	86	73	62
4	2.1	9	4.6	11	5.6	MARION	IL	117	21	162	87	68
3	4.1	2	4.0	4	5.4	MARSHALL	IL	-4	36	30	51	64
2	2.2	2	2.1	2	1.8	MASON	IL	-7	-13	-20	21	13
3	3.9	2	2.9	3	3.7	MASSAC	IL	-25	27	-5	31	34
1	1.4	4	8.3	3	6.0	MENARD	IL	502	-28	332	95	73
1	1.2	6	6.9	1	1.3	MERCER	IL	503	-82	11	40	11
1	1.9			1	.9	MONROE	IL			-50	08	10
8	5.0	10	6.6	8	4.6	MONTGOMERY	IL	31	-30	-8	29	50
3	1.6	4	2.2	6	3.2	MORGAN	IL	42	44	104	78	27
2	2.7	1	1.6	5	6.4	MOULTRIE	IL	-43	305	131	83	78
4	2.3	9	4.3	14	6.5	OGLE	IL	88	51	185	69	79
48	5.5	42	4.7	47	5.4	PEORIA	IL	-15	17	-1	33	66
2	2.4	1	.9	4	3.6	PERRY	IL	-64	322	53	62	32
2	2.5	5	6.5	2	2.5	PIATT	IL	162	-61	1	34	20
2	1.7	6	6.0	4	4.7	PIKE	IL	260	-22	181	68	52
		1	3.3	2	10.4	POPE	IL		211			95
2	4.4	1	2.4	3	11.2	PULASKI	IL	-45	361	153	86	96
1	4.9	2	8.5	2	7.9	PUTNAM	IL	75	-7	62	66	89
8	4.5	13*	8.1	7	4.4	RANDOLPH	IL	82	-45	0	33	47
3	3.7	6	7.2	2	2.2	RICHLAND	IL	94	-69	-40	11	17
30	4.0	20	2.5	41	5.4	ROCK ISLAND	IL	-36	114	37	55	66
35	3.7	41	3.8	48	4.8	ST CLAIR	IL	3	27	32	53	56
7	3.9	7	6.2	4	2.7	SALINE	IL	58	-56	-31	16	21
21	2.9	39	5.4	31	4.1	SANGAMON	IL	86	-24	41	57	41
3	5.2	2	3.7	2	4.0	SCHUYLER	IL	-29	10	-22	20	39
		4*	12.4	1	2.6	SCOTT	IL		-79			20
6	5.1	5	4.6	10	7.4	SHELBY	IL	-8	59	45	59	86
4	9.3	1	2.2	2	4.8	STARK	IL	-76	114	-49	08	54
10	4.5	14	6.2	3	1.3	STEPHENSON	IL	40	-80	-72	02	11
19	4.6	28	5.3	30	5.2	TAZEWELL	IL	15	-2	13	41	62
4	3.3	3	3.6	3	2.0	UNION	IL	11	-46	-40	12	15
23	4.9	18	4.0	18	3.8	VERMILION	IL	-19	-5	-22	20	35
6	8.1	4	5.2			WABASH	IL	-36				
		2	2.0	1	.9	WARREN	IL		-54			10
3	3.6	3	4.2	2	2.4	WASHINGTON	IL	14	-43	-35	14	18
4	4.1	4	4.4	2	1.7	WAYNE	IL	7	-62	-59	05	13
2	1.9	2	1.9	5	4.3	WHITE	IL	1	126	128	82	46
15	6.0	12	3.9	13	4.2	WHITESIDE	IL	-34	8	-29	17	43
27	3.4	38	3.9	49	4.3	WILL	IL	17	9	28	50	45
10	3.9	7	3.0	11	3.9	WILLIAMSON	IL	-22	28	0	33	36
22	2.3	43	4.5	52	4.9	WINNEBAGO	IL	93	8	109	79	56
5	4.2	11*	8.8	6	4.3	WOODFORD	IL	112	-51	3	35	44
762	3.8	925	4.2	1073	4.7	INDIANA	IN	12	11	25		
5	4.6	6	4.8	7	5.2	ADAMS	IN	5	9	15	42	62
34	3.6	62	5.7	53	4.5	ALLEN	IN	56	-20	24	48	49
5	2.6	8	3.6	14	5.4	BARTHOLOMEW	IN	38	48	104	78	65
1	1.8	1	1.7	6*	11.1	BENTON	IN	-3	541	519	98	96
4	5.6	6	8.7	2	2.7	BLACKFORD	IN	55	-69	-52	07	21
		8	5.7	4	2.4	BOONE	IN		-57			19
4*	11.4	3	6.7	2	3.2	BROWN	IN	-41	-52	-72	02	27
1	1.2	4	4.7	3	3.7	CARROLL	IN	285	-21	205	90	34
10	4.6	6	2.9	9	4.3	CASS	IN	-38	50	-6	30	45
13	5.1	11	3.8	14	4.1	CLARK	IN	-25	6	-20	21	39
5	4.8	4	3.6	7	5.3	CLAY	IN	-25	46	9	39	63
1	.7	5	3.3	9	5.9	CLINTON	IN	366	75	717	99	72

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
		3	6.8	2	5.1	CRAWFORD	IN		-24			61
4	3.0	5	4.2	5	3.7	DAVIESS	IN	41	-13	23	48	33
5	4.0	9	5.9	9	5.8	DEARBORN	IN	50	-2	47	60	71
3	3.1	2	1.9	12*	10.4	DECATUR	IN	-38	437	232	92	95
4	3.0	6	4.1	7	4.8	DE KALB	IN	38	17	61	66	55
15	3.4	19	3.6	24	4.6	DELAWARE	IN	6	27	35	54	50
6	5.0	7	5.1	1	.7	DUBOIS	IN	2	-86	-86	00	09
15	3.4	28	5.3	22	4.1	ELKHART	IN	58	-24	20	46	39
7	6.4	5	4.0	4	3.0	FAYETTE	IN	-37	-26	-54	06	24
7	3.2	14	5.9	11	4.1	FLOYD	IN	82	-30	26	50	41
4	4.0	2	2.4	3	3.0	FOUNTAIN	IN	-40	26	-25	18	24
3	3.7	3	3.6	4	4.4	FRANKLIN	IN	-3	23	19	45	47
5	5.1	5	5.7	4	3.8	FULTON	IN	11	-33	-26	18	34
3	1.7	6	4.2	8	4.9	GIBSON	IN	140	17	180	88	56
3	.9	7	2.0	10	2.8	GRANT	IN	121	42	213	91	22
5	2.1	4	3.0	5	3.3	GREENE	IN	43	11	59	65	28
3	1.7	11	4.8	15	4.8	HAMILTON	IN	179	1	181	89	55
3	2.3	8	5.6	9	5.2	HANCOCK	IN	146	-8	126	82	61
4	4.1	5	5.1	3	2.7	HARRISON	IN	26	-48	-34	15	21
5	3.2	11	4.8	10	4.0	HENDRICKS	IN	50	-17	25	49	38
4	1.7	11	4.5	16	6.4	HENRY	IN	155	43	264	93	78
14	4.9	14	4.1	21	6.0	HOWARD	IN	-17	47	22	47	73
6	3.5	10	6.0	9	5.4	HUNTINGTON	IN	71	-10	53	63	65
2	1.4	4	2.8	9	5.5	JACKSON	IN	102	96	296	94	67
		4	4.5	5	5.0	JASPER	IN		12			59
6	5.0	7	6.1	3	2.4	JAY	IN	23	-60	-51	08	19
2	1.5	2	1.7	3	2.1	JEFFERSON	IN	15	25	43	58	16
5	5.9	5	6.0	3	3.5	JENNINGS	IN	1	-41	-40	11	31
1	.7	6	2.6	16	6.0	JOHNSON	IN	287	134	805	99	74
6	2.7	10	4.6	8	4.0	KNOX	IN	71	-13	48	60	38
7	3.7	4	1.8	15	6.1	KOSCIUSKO	IN	-52	243	64	67	75
4	5.4	2	2.5	4	3.6	LAGRANGE	IN	-54	44	-34	15	31
73	4.0	67	3.3	87	4.5	LAKE	IN	-18	37	12	41	48
16	3.6	15	3.0	21	4.2	LA PORTE	IN	-17	42	17	44	43
8	4.3	8	4.4	12	6.1	LAWRENCE	IN	1	40	41	57	75
27	5.3	36	6.2	24	4.1	MADISON	IN	17	-34	-23	20	41
117	4.5	164*	5.7	155	5.4	MARION	IN	28	-5	21	46	65
6	3.8	4	2.5	8	4.6	MARSHALL	IN	-35	83	18	45	50
3	5.2	1	2.0	1	2.0	MARTIN	IN	-62	-1	-62	04	15
5	3.2	7	4.4	12	7.5	MIAMI	IN	34	72	131	83	86
7	3.1	11	4.7	17	6.2	MONROE	IN	51	32	99	77	76
5	3.1	5	3.1	7	4.3	MONTGOMERY	IN	1	36	37	55	44
5	3.9	6	3.1	6	3.1	MORGAN	IN	-19	0	-19	22	26
1	2.0	3	5.3	2	2.6	NEWTON	IN	170	-50	35	55	21
7	5.4	6	4.1	10	6.8	NOBLE	IN	-24	64	25	49	61
				1	4.1	OHIO	IN					40
5	6.1	1	1.1	3	3.3	ORANGE	IN	-82	194	-46	09	28
4	6.2	1	1.4	3	4.1	OWEN	IN	-77	187	-34	15	40
2	2.4	1	1.5	2	2.5	PARKE	IN	-40	71	3	35	20
2	2.1	4	4.7	4	4.2	PERRY	IN	123	-10	101	77	43
3	4.9	2	3.3	2	3.0	PIKE	IN	-32	-10	-39	12	24
12	4.6	14	4.8	17	4.0	PORTER	IN	5	-16	-13	25	38
4	4.3	4	4.9	1	.9	POSEY	IN	13	-81	-79	01	10
1	1.5	4	5.8	4	6.3	PULASKI	IN	292	8	325	95	77
1	.7	5	3.8	9	6.4	PUTNAM	IN	422	68	779	99	78
6	4.2	7	4.9	4	3.0	RANDOLPH	IN	17	-38	-28	17	24
5	4.7	4	4.3	6	5.1	RIPLEY	IN	-9	18	7	38	60
2	2.0	4	4.2	1	1.0	RUSH	IN	108	-77	-51	07	10
60*	5.6	58	5.3	50	4.5	ST JOSEPH	IN	-5	-14	-19	22	50
		5	7.0	5	5.8	SCOTT	IN		-18			70
1	.7	2	1.3	7	3.8	SHELBY	IN	80	204	446	98	35
1	1.0	1	1.3	6	6.4	SPENCER	IN	34	402	572	98	79
2	2.0	7	7.3	4	4.5	STARKE	IN	273	-39	128	82	48
3	3.3	2	2.3	7	6.5	STEUBEN	IN	-30	183	99	77	79
4	3.1	3	2.5	4	3.2	SULLIVAN	IN	-19	28	3	35	26
4*	9.3	1	3.4	1	2.8	SWITZERLAND	IN	-63	-19	-70	03	22
12	3.5	10	2.8	29	7.3	TIPPECANOE	IN	-20	164	110	79	85
2	2.8	5	6.1	4	4.6	TIPTON	IN	117	-25	63	67	51
1	3.1	1	2.9	3	9.1	UNION	IN	-4	209	197	89	92
26	3.5	20	2.7	40	5.1	VANDERBURGH	IN	-21	88	48	60	61
5	5.1	4	4.6	5	6.2	VERMILLION	IN	-9	34	22	47	76
32*	5.9	19	3.7	21	4.1	VIGO	IN	-38	13	-31	16	41
6	4.2	7	4.4	10	6.1	WABASH	IN	4	39	45	59	74
3	6.2	3	7.2	3	6.5	WARREN	IN	16	-9	5	36	80
4	3.5	3	2.5	6	4.6	WARRICK	IN	-30	85	30	52	50
3	3.4	1	1.2	4	3.9	WASHINGTON	IN	-66	236	15	42	36
14	4.1	11	3.1	13	3.6	WAYNE	IN	-25	17	-12	26	32
5	4.7	5	4.7	9	7.7	WELLS	IN	0	62	62	66	87
4	4.1	3	2.7	4	3.1	WHITE	IN	-34	16	-23	19	26
1	1.0	7	6.3	9	7.4	WHITLEY	IN	511	17	616	98	86
543	3.9	567	4.1	688	5.0	IOWA	IA	4	20	26		
2	3.0	4	7.1	1	1.3	ADAIR	IA	137	-81	-56	06	11
2	4.7	3	8.1	3	7.5	ADAMS	IA	73	-8	60	66	86
3	4.7	3	4.1	4	6.2	ALLAMAKEE	IA	-12	51	33	53	76
7	7.6	5	6.0	5	6.2	APPANOOSE	IA	-20	4	-18	23	77
3	5.3	1	1.9	3	5.3	AUDUBON	IA	-65	188	1	34	64
		7	5.6	10	8.7	BENTON	IA		57			92
18	3.5	23	4.2	16	2.8	BLACK HAWK	IA	19	-33	-20	21	22
5	2.8	4	3.4	8	5.4	BOONE	IA	19	60	91	75	64
3	2.8	10*	9.4	6	5.0	BREMER	IA	232	-46	78	71	59
4	3.8	2	1.7	4	3.9	BUCHANAN	IA	-55	127	3	34	36
7	6.6	4	3.1	8	7.3	BUENA VISTA	IA	-53	135	10	39	85
4	4.3	3	3.2	2	1.9	BUTLER	IA	-26	-40	-55	06	14
4	4.7	3	3.1	1	1.1	CALHOUN	IA	-32	-64	-76	02	10
4	3.5	2	1.8	10	9.4	CARROLL	IA	-47	411	172	88	93
		1	.9	7	6.8	CASS	IA		657			81
5	5.4	3	2.9	7	6.7	CEDAR	IA	-46	132	25	49	81
6	2.4	13	5.5	11	4.7	CERRO GORDO	IA	129	-15	94	75	52

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2	2.2	9*	9.2	9*	11.1	CHEROKEE IA	314	20	398	97	96
4	4.9			8*	10.2	CHICKASAW IA			106	78	95
1	2.0			5	10.2	CLARKE IA			420	97	95
2	2.1	2	2.1	5	6.5	CLAY IA	3	204	213	91	79
5	3.8	3	2.6	3	2.8	CLAYTON IA	-32	8	-27	18	22
7	2.3	10	3.5	16	5.8	CLINTON IA	50	65	148	85	72
5	4.6	4	4.1	4	3.7	CRAWFORD IA	-10	-10	-19	22	33
6	4.7	7	5.6	7	5.1	DALLAS IA	20	-8	10	39	61
2	3.8	4	8.9	1	2.3	DAVIS IA	132	-74	-40	12	17
1	1.6	3	5.8	1	1.8	DECATUR IA	257	-69	11	40	13
4	4.8	4	4.9	4	4.3	DELAWARE IA	2	-12	-10	27	45
8	3.5	9	3.9	9	3.9	DES MOINES IA	11	0	11	40	36
3	4.0	4	6.6	5	6.0	DICKINSON IA	63	-8	49	60	74
15	4.4	17	4.8	28*	7.3	DUBUQUE IA	10	51	66	68	85
6	8.4	1	1.1	5	7.4	EMMET IA	-86	544	-12	26	86
4	3.1	5	3.9	5	3.8	FAYETTE IA	26	-1	25	49	35
6	5.3	6	5.8	4	3.9	FLOYD IA	9	-33	-27	18	36
3	3.4	2	3.5	3	4.3	FRANKLIN IA	1	22	24	48	43
4	6.2	2	2.9	2	4.6	FREMONT IA	-53	56	-27	18	50
2	2.5	2	3.3	5	6.8	GREENE IA	33	104	171	87	81
		2	2.6	4	5.4	GRUNDY IA		109			65
4	5.1	2	2.7			GUTHRIE IA	-46				
8*	7.4	5	5.2	4	3.9	HAMILTON IA	-30	-25	-47	09	36
3	3.8	3	3.9			HANCOCK IA	3				
5	4.2	4	3.4	6	5.5	HARDIN IA	-18	60	31	52	67
4	4.2	4	4.3	4	4.3	HARRISON IA	2	0	3	35	46
5	5.2	4	5.2	11*	12.5	HENRY IA	-1	142	140	84	97
5	7.3	5	7.9	6	8.2	HOWARD IA	8	5	12	41	90
4	5.9	3	4.1	6	8.9	HUMBOLDT IA	-31	118	50	61	92
3	4.6	1	2.1	3	5.4	IDA IA	-56	163	17	44	65
7*	8.3	4	4.9	8	8.6	IOWA IA	-42	76	3	35	91
3	3.2	4	3.5	6	5.7	JACKSON IA	12	61	80	72	69
7	4.2	14*	8.0	12	6.5	JASPER IA	87	-18	53	63	79
5	6.0	2	2.2	4	6.0	JEFFERSON IA	-63	170	0	33	74
6	2.9	9	4.2	13	5.6	JOHNSON IA	47	33	94	75	68
5	4.9	5	4.7	2	2.0	JONES IA	-3	-58	-59	05	15
6	6.7	1	1.2	8*	8.5	KEOKUK IA	-81	581	26	49	91
7	6.2	8	6.5	8	6.9	KOSSUTH IA	4	7	11	40	82
11	5.3	7	3.2	9	4.3	LEE IA	-40	36	-19	22	45
23	3.9	27	4.1	34	4.8	LINN IA	6	18	25	49	55
1	1.8	2	4.1	1	1.7	LOUISA IA	125	-57	-4	31	13
3	4.7	2	2.5	3	5.4	LUCAS IA	-48	121	16	43	65
4	5.8	6	8.7	2	3.3	LYON IA	50	-63	-44	10	28
4	6.8	4	6.8	2	3.2	MADISON IA	0	-54	-53	07	26
6	4.8	4	3.5	5	3.9	MAHASKA IA	-27	10	-19	22	56
4	2.8	3	2.1	3	2.0	MARION IA	-23	-6	-27	18	15
9	4.5	7	3.8	9	4.3	MARSHALL IA	-16	12	-5	31	45
2	2.9	1	1.5	2	2.9	MILLS IA	-48	91	-1	32	23
3	3.5	3	4.4	5	7.1	MITCHELL IA	26	61	102	78	84
4	4.8	5	6.0	3	4.8	MONONA IA	25	-20	1	34	54
		1	1.8	2	3.3	MONROE IA		83			28
1	1.0	4	5.1	5	6.2	MONTGOMERY IA	397	22	505	98	76
6	3.3	4	2.7	8	4.2	MUSCATINE IA	-19	57	26	49	42
2	2.2	4	3.7	3	3.3	O'BRIEN IA	70	-9	54	63	28
4	7.3	2	4.5	1	1.7	OSCEOLA IA	-38	-62	-76	01	13
7	5.9	2	1.7	5	5.3	PAGE IA	-71	206	-10	27	63
2	2.8	4	5.5	4	6.3	PALO ALTO IA	97	15	127	82	77
1	.7	5	4.2	4	3.4	PLYMOUTH IA	466	-19	358	96	29
5	6.1	5	6.8	2	3.0	POCAHONTAS IA	13	-56	-50	08	25
64*	5.5	50	4.1	55	4.5	POLK IA	-25	10	-18	22	48
16	4.1	15	3.8	26	6.4	POTTAWATTAMIE IA	-9	70	54	63	78
3	3.3	1	1.1	5	5.4	POWESHIEK IA	-67	398	67	69	66
2	6.1	1	1.6			RINGGOLD IA	-74				
5	3.4	4	4.6	2	2.0	SAC IA	36	-56	-40	12	15
14	2.6	27	4.5	32	5.0	SCOTT IA	72	12	93	75	58
2	2.7	2	3.7	4	5.0	SHELBY IA	39	35	87	73	59
6	4.4	5	4.0	5	3.6	SIOUX IA	-10	-8	-17	23	33
11	5.7	8	3.3	9	3.7	STORY IA	-42	11	-36	14	33
3	3.0	6	5.0	8	7.2	TAMA IA	69	44	144	85	85
4	6.1	1	1.0	4	6.1	TAYLOR IA	-83	512	1	34	76
1	1.2	4	6.7	1	1.5	UNION IA	451	-78	20	46	12
1	1.4	3	5.8	1	1.8	VAN BUREN IA	326	-68	34	54	14
10	4.0	10	4.5	8	3.5	WAPELLO IA	11	-23	-15	24	30
5	5.3	3	3.0	8	6.5	WARREN IA	-43	114	22	47	79
2	1.8	8	8.2	6	6.1	WASHINGTON IA	360	-26	239	92	74
2	3.9	4	7.0	3	4.2	WAYNE IA	80	-40	7	38	42
6	2.8	12	5.2	15	6.6	WEBSTER IA	87	28	138	84	80
2	2.9	2	2.5	4	6.0	WINNEBAGO IA	-16	145	105	78	73
3	2.3	9	8.3	9	8.8	WINNESHIEK IA	267	6	289	94	92
23	4.4	17	3.3	25	5.1	WOODBURY IA	-26	58	17	44	61
		2	3.7			WORTH IA					
4	3.9	6	6.3	6	5.7	WRIGHT IA	62	-8	48	60	70
383	3.9	466	4.5	557	5.2	KANSAS KS	15	16	34		
3	3.2	6	6.3	5	6.3	ALLEN KS	95	0	95	76	77
3	6.7	2	3.5	1	1.3	ANDERSON KS	-47	-63	-80	01	11
3	3.0	7	6.7	6	6.5	ATCHISON KS	126	-3	120	81	80
				3	6.9	BARBER KS					83
6	4.2	4	2.6	12	8.0	BARTON KS	-39	212	89	74	89
8*	10.0	6	8.1	6	6.6	BOURBON KS	-19	-18	-34	15	80
1	1.2	2	2.6	2	1.9	BROWN KS	111	-26	56	64	15
4	2.4	12	6.1	14	6.9	BUTLER KS	154	13	188	89	82
1	4.5			1	3.1	CHASE KS			-30	16	25
1	2.6			1	5.2	CHAUTAUQUA KS			102	78	61
2	1.6	4	3.2	6	5.2	CHEROKEE KS	102	63	229	92	62
		2	7.0	3	12.1	CHEYENNE KS		72			97
				1	4.8	CLARK KS					54
1	1.3			4	6.7	CLAY KS			416	97	81
3	3.7	3	4.2	7	10.7	CLOUD KS	13	159	192	89	96

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3	6.1	1	4.5	3	5.1	COFFEY KS	-27	12	-18	23	60
		1	4.9			COMANCHE KS					
8	4.0	11	6.1	11	6.5	COWLEY KS	54	7	64	67	79
9	4.0	9	5.1	7	3.6	CRAWFORD KS	27	-31	-12	26	31
2	6.6	1	4.0	3	10.8	DECATUR KS	-40	172	64	67	96
5	3.8	4	3.7	5	4.7	DICKINSON KS	-1	24	24	48	52
1	1.8	2	4.3	3	6.3	DONIPHAN KS	137	47	249	93	78
3	1.7	8	4.5	14	7.1	DOUGLAS KS	171	56	322	95	84
2	6.1			3	10.1	EDWARDS KS			66	68	94
1	2.5					ELK KS					
4	4.3	7	7.7	5	5.1	ELLIS KS	77	-34	17	44	60
3	6.6	2	7.2	2	3.4	ELLSWORTH KS	8	-53	-49	08	29
2	3.1	2	2.7	4	4.2	FINNEY KS	-13	58	38	56	42
1	1.1	3	3.2	4	3.6	FORD KS	196	13	236	92	33
4	3.6	4	4.2	5	4.7	FRANKLIN KS	17	13	31	52	53
5	6.4	5	5.8	2	2.6	GEARY KS	-9	-55	-59	05	21
2	9.2	1	4.9			GOVE KS	-46				
1	3.2			2	8.9	GRAHAM KS			176	88	92
2	10.8					GRANT KS					
3*	13.0					GRAY KS					
				1	10.1	GREELEY KS					94
3	5.0	6*	11.3	1	2.3	GREENWOOD KS	128	-80	-54	06	17
1	5.6			2	11.4	HAMILTON KS			105	78	97
		4	9.8	2	3.0	HARPER KS		-69			24
6	5.2	3	2.3	6	3.9	HARVEY KS	-55	67	-25	19	36
1	8.2	1	7.0	1	6.4	HASKELL KS	-14	-8	-21	21	78
				1	7.5	HODGEMAN KS					87
1	1.9	2	4.4	2	2.7	JACKSON KS	129	-37	44	58	21
5	9.0	5	7.5	4	5.7	JEFFERSON KS	-16	-24	-37	13	69
1	1.9	1	1.7	2	5.0	JEWELL KS	-13	204	163	87	59
13	3.4	44	5.8	43	4.2	JOHNSON KS	67	-27	22	47	43
				2	13.4	KEARNY KS					98
2	3.6	2	3.0			KINGMAN KS	-18				
1	3.6	1	3.9	1	3.3	KIOWA KS	10	-15	-6	30	28
4	2.6	9	6.9	6	4.7	LABETTE KS	171	-32	84	73	53
				1	8.0	LANE KS					89
7	3.3	5	2.1	10	4.3	LEAVENWORTH KS	-35	101	30	52	44
1	3.1	1	2.8	2	4.7	LINCOLN KS	-11	68	49	61	52
2	3.7	2	3.4	3	8.6	LINN KS	-9	151	129	83	91
		1	5.4	1	6.4	LOGAN KS		18			78
2	1.4	10	7.4	9	6.4	LYON KS	434	-14	360	96	78
6	4.9	8	6.3	8	6.5	MC PHERSON KS	29	4	34	54	79
3	3.8	6	7.3	3	3.8	MARION KS	90	-48	0	33	35
5	5.1	2	1.7	4	5.4	MARSHALL KS	-67	220	5	36	65
1	4.0	2	7.5			MEADE KS	87				
7	5.7	4	3.5	6	5.6	MIAMI KS	-39	60	-2	32	69
4	8.7	1	2.8	3	5.9	MITCHELL KS	-68	114	-32	16	73
10	5.0	8	4.4	10	5.1	MONTGOMERY KS	-11	16	3	35	61
5*	12.2	2	4.3	3	5.1	MORRIS KS	-65	19	-58	05	60
		1	8.8	2	11.3	MORTON KS		29			96
3	4.3			4	6.1	NEMAHA KS			43	58	75
3	2.8	4	3.6	7	6.7	NEOSHO KS	30	85	140	84	81
3	9.4	4*	12.7	1	2.5	NESS KS	35	-80	-73	02	20
1	1.8	1	2.5	2	5.4	NORTON KS	40	112	197	89	64
1	1.5	3	4.3	5	6.4	OSAGE KS	189	50	334	95	78
3	6.8	3	7.6	1	2.9	OSBORNE KS	13	-62	-58	05	23
		1	2.4	2	4.2	OTTAWA KS		76			43
2	3.7	2	3.3	3	7.8	PAWNEE KS	-10	133	109	79	88
		1	4.4	3	8.6	PHILLIPS KS		98			91
2	2.5	2	3.5	8*	11.0	POTTAWATOMIE KS	40	214	341	96	96
2	3.3	2	4.7	4	6.7	PRATT KS	41	44	103	78	81
		3	10.9	2	9.1	RAWLINS KS		-17			92
11	4.0	12	4.2	14	4.7	RENO KS	7	11	18	44	52
2	3.5	3	4.8	2	5.6	REPUBLIC KS	38	18	64	67	69
3	3.8	3	4.5	4	6.5	RICE KS	16	45	69	69	79
5	4.2	5	3.7	8	5.3	RILEY KS	-11	43	28	50	64
1	2.2	1	2.0			ROOKS KS	-11				
1	2.8	1	2.3	3	8.7	RUSH KS	-19	285	210	91	92
2	3.1	2	3.2	3	4.3	RUSSELL KS	3	36	41	57	45
8	4.4	13	6.3	12	5.7	SALINE KS	43	-10	29	51	69
		1	4.5	1	4.2	SCOTT KS		-8			42
61	5.3	65	4.9	87	6.1	SEDGWICK KS	-7	22	14	42	74
4	7.6	3	3.6	6	8.5	SEWARD KS	-53	140	13	41	91
26	5.1	31	5.2	30	4.6	SHAWNEE KS	1	-10	-9	28	52
		1	4.6			SHERIDAN KS					
1	2.3	2	7.9			SHERMAN KS	248				
3	5.9	1	3.5	1	1.7	SMITH KS	-42	-52	-72	02	13
3	7.2	2	6.3	2	3.7	STAFFORD KS	-12	-41	-48	09	34
1	8.0			1	8.9	STANTON KS			11	40	92
				1	4.0	STEVENS KS					37
3	2.8	10	8.2	6	4.2	SUMNER KS	198	-49	52	62	42
3	10.0	1	3.4	4*	16.3	TREGO KS	-66	375	63	67	99
1	2.0			3	7.1	WABAUNSEE KS			248	92	84
		2*	19.6	1	5.9	WALLACE KS		-70			73
3	3.9	2	4.2			WASHINGTON KS	7				
		2	13.9	3*	20.6	WICHITA KS		48			99
		4	5.7	2	2.3	WILSON KS		-60			18
1	2.0					WOODSON KS					
32	4.4	33	4.6	37	5.8	WYANDOTTE KS	5	25	32	53	71
456	3.4	516	3.8	750	5.0	KENTUCKY KY	10	33	47		
				3	4.5	ADAIR KY					49
1	1.4	2	2.7	5	6.7	ALLEN KY	90	146	368	96	81
1	2.1	6*	14.8	2	4.1	ANDERSON KY	606	-72	94	75	40
3	6.4	2	4.7	1	2.5	BALLARD KY	-25	-48	-61	04	19
4	3.2	3	2.2	10	6.5	BARREN KY	-33	199	99	77	79
3	6.7	2	5.4	1	2.1	BATH KY	-19	-61	-69	03	16
3	1.9	8	5.5	11	7.8	BELL KY	193	42	315	95	88
5	6.9	9	7.9	3	1.8	BOONE KY	14	-77	-73	02	14

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		2	2.4	3	3.7	BOURBON KY		54			33
7	2.7	12	5.0	13	5.1	BOYD KY	85	1	86	73	60
3	2.9	3	3.4	4	4.1	BOYLE KY	15	22	40	57	40
4	8.4	2	4.8	3	7.6	BRACKEN KY	-42	57	-9	28	87
3	4.2	5	7.3	4	6.5	BREATHITT KY	72	-10	55	63	80
2	2.7	1	1.3	2	2.5	BRECKINRIDGE KY	-51	87	-9	28	20
		2	2.4	5	4.9	BULLITT KY		100			56
		2	4.8	3	4.5	BUTLER KY		-6			48
1	1.6	2	3.0	3	4.2	CALDWELL KY	90	39	163	87	42
2	2.0	4	3.7	6	4.2	CALLOWAY KY	84	12	107	79	42
19	4.6	11	2.6	10	2.5	CAMPBELL KY	-43	-3	-45	10	20
		2	9.0	2	9.2	CARLISLE KY		3			93
1	2.7	3	7.0			CARROLL KY	166				
3	3.3	8	8.0	9	7.8	CARTER KY	139	-2	134	84	83
		3	4.1	2	3.0	CASEY KY		-26			25
5	2.6	6	3.5	7	3.9	CHRISTIAN KY	36	12	52	62	37
2	2.3	3	3.3	6	5.0	CLARK KY	44	54	121	81	59
1	1.3			11*	13.1	CLAY KY			940	99	98
1	1.4	1	2.0	5	9.9	CLINTON KY	42	390	594	98	94
		1	2.3	6*	14.0	CRITTENDEN KY		505			98
1	2.3			2	5.8	CUMBERLAND KY			147	85	71
8	3.0	10	3.2	12	3.4	DAVIESS KY	4	7	11	40	29
		3	7.6	4	8.2	EDMONSON KY		8			90
1	3.6					ELLIOTT KY					
3	4.8	2	3.2	3	5.4	ESTILL KY	-34	69	12	41	65
20	4.1	24	4.1	35	5.0	FAYETTE KY	1	22	23	48	59
3	5.2	3	5.6	1	2.0	FLEMING KY	7	-64	-61	04	15
5	3.0	5	2.8	9	4.5	FLOYD KY	-7	61	50	61	48
6	4.7	1	.7	11	6.6	FRANKLIN KY	-86	888	40	57	80
1	1.7	3	7.0	2	3.4	FULTON KY	317	-52	101	77	29
3*	11.6			2	8.9	GALLATIN KY			-23	19	92
2	4.2	2	4.4			GARRARD KY	4				
1	2.4	4	7.6	3	4.8	GRANT KY	219	-37	101	77	54
9	5.6	8	4.8	14	8.4	GRAVES KY	-14	74	50	61	91
1	1.3			5	5.1	GRAYSON KY			294	94	59
3	4.8	1	2.2	2	4.0	GREEN KY	-55	84	-17	23	38
4	2.9	6	4.0	3	1.7	GREENUP KY	40	-57	-40	12	13
				2	5.7	HANCOCK KY					70
2	1.0	7	2.7	8	2.8	HARDIN KY	165	5	180	88	22
8	2.8	7	3.5	9	5.0	HARLAN KY	24	42	75	71	58
		3	4.1	2	2.4	HARRISON KY		-42			18
2	3.0	1	1.6	4	5.8	HART KY	-47	260	91	75	71
3	2.2	3	1.9	6	3.7	HENDERSON KY	-15	93	65	68	34
4	7.9	1	1.8	5	8.2	HENRY KY	-78	359	3	35	90
				2	5.9	HICKMAN KY					73
6	3.3	4	2.1	10	5.3	HOPKINS KY	-37	151	58	65	63
3	5.8	4	7.5	5	9.2	JACKSON KY	31	22	59	65	93
90	3.9	114	4.5	160*	6.1	JEFFERSON KY	14	37	56	64	75
2	3.0			2	1.8	JESSAMINE KY			-40	12	13
5	4.9	2	2.0	7	6.4	JOHNSON KY	-58	214	31	52	78
36*	6.6	24	4.2	32	5.5	KENTON KY	-37	31	-17	23	67
5	6.4	6	9.5	4	5.9	KNOTT KY	47	-37	-8	29	73
4	3.1	6	5.5	5	4.1	KNOX KY	77	-26	31	52	39
				3	5.0	LARUE KY					59
3	3.0	6	4.8	3	1.9	LAUREL KY	59	-60	-37	13	14
3	4.7	2	3.6	4	6.0	LAWRENCE KY	-24	70	29	51	74
2	6.2	3	7.7	1	2.7	LEE KY	25	-65	-57	06	21
1	1.9	1	2.3			LESLIE KY	23				
5	3.5	6	4.7	7	5.9	LETCHER KY	33	26	67	69	72
3	4.1	1	1.6	4	6.1	LEWIS KY	-62	288	49	60	74
2	2.5	2	2.4	3	3.7	LINCOLN KY	-6	56	47	60	33
2	5.2	1	3.4	1	3.0	LIVINGSTON KY	-35	-14	-44	10	24
4	4.2	3	2.8	3	2.7	LOGAN KY	-33	-3	-35	14	21
1	1.9	1	3.6	1	2.4	LYON KY	89	-32	28	50	19
10	4.3	7	2.7	16	6.1	MC CRACKEN KY	-37	125	41	57	74
1	1.9	2	4.1	5	7.3	MC CREARY KY	122	77	294	94	86
1	1.9	1	2.4	4	7.7	MC LEAN KY	28	214	304	94	87
2	1.7	3	1.9	11	5.9	MADISON KY	15	208	253	93	72
1	2.2	2	4.5	3	5.6	MAGOFFIN KY	107	24	158	86	68
2	3.6	3	3.9	4	5.7	MARION KY	10	46	61	66	70
2	2.7	1	1.1	5	4.5	MARSHALL KY	-62	330	65	68	49
2	2.3	4	4.8	6	7.4	MASON KY	102	56	216	91	86
3	5.7	2	4.3	1	.6	MEADE KY	-25	-87	-90	00	09
1	2.5			2	10.5	MENIFEE KY			317	95	95
3	4.6	4	5.3			MERCER KY	16				
1	2.1	1	2.1	1	1.7	METCALFE KY	-1	-20	-21	21	13
1	1.7	1	1.8	4	7.1	MONROE KY	11	238	331	95	84
4	7.1	6*	9.6	4	5.8	MONTGOMERY KY	36	-40	-18	23	71
2	3.8	1	1.6	3	5.4	MORGAN KY	-57	234	43	58	66
3	2.4	3	2.1	12	7.7	MUHLENBERG KY	-10	257	222	91	87
1	.9	5	5.6	9	8.8	NELSON KY	522	57	876	99	92
				2	5.0	NICHOLAS KY					57
2	2.1	3	3.2	3	2.7	OHIO KY	50	-16	26	49	21
2	3.1	2	3.6	3	4.9	OLDHAM KY	15	35	55	64	56
1	1.5			3	7.1	OWEN KY			360	96	84
		1	3.4	1	4.6	OWSLEY KY		36			50
3	6.5			4	7.3	PENDLETON KY			12	41	65
5	2.7	8	6.1	13*	9.5	PERRY KY	125	55	248	92	93
5	1.0	7	2.7	10	3.3	PIKE KY	163	23	225	91	28
				2	4.2	POWELL KY					42
7	4.1	10	5.5	11	5.5	PULASKI KY	33	0	33	53	67
				3	4.0	ROCKCASTLE KY					39
3	5.6	2	3.6	2	2.8	ROWAN KY	-36	-22	-50	08	22
3	5.1	4	7.5	1	1.9	RUSSELL KY	46	-75	-63	04	14
5	7.2	5	6.6	3	4.0	SCOTT KY	-9	-39	-45	10	38
5	5.8	3	3.8	4	4.0	SHELBY KY	-35	7	-30	16	39
2	3.8	3	5.6	7*	12.7	SIMPSON KY	49	125	236	92	98
1	3.8			4*	14.5	SPENCER KY			285	94	98
2	2.9	3	3.8	3	3.3	TAYLOR KY	29	-13	12	41	28
		2	3.8	2	4.1	TODD KY		9			40

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2	5.3	4	10.8	2	4.4	TRIGG	KY	107	-59	-16	23	47
		1	3.9	1	3.1	TRIMBLE	KY		-22			25
3	5.2	3	4.8	3	4.7	UNION	KY	-7	-2	-9	28	53
9	4.7	8	3.8	10	4.2	WARREN	KY	-20	10	-11	26	41
5*	9.6	2	3.8			WASHINGTON	KY	-60				
2	2.5	2	3.0	4	4.8	WAYNE	KY	18	62	90	74	54
		4	5.8	4	5.6	WEBSTER	KY		-4			68
5	3.8	6	4.8	9	6.9	WHITLEY	KY	24	45	80	72	83
		1	4.1	2	6.1	WOLFE	KY		49			74
3	5.7	1	1.5	3	5.0	WOODFORD	KY	-73	225	-12	26	58
335	3.6	481	4.4	529	4.3	LOUISIANA	LA	21	-3	17		
2	.9	5	2.5	7	3.3	ACADIA	LA	191	30	280	94	27
2	2.6	3	4.3	10*	12.8	ALLEN	LA	67	197	395	97	98
2	2.1	2	3.0	4	3.3	ASCENSION	LA	41	11	56	64	28
4	8.4	2	3.9	1	1.7	ASSUMPTION	LA	-54	-57	-80	01	13
5	3.9	7	5.1	5	3.1	AVOYELLES	LA	30	-40	-22	20	25
4	6.2	3	3.8	5	4.7	BEAUREGARD	LA	-39	24	-24	19	52
1	1.8	5	9.6	4	8.5	BIENVILLE	LA	430	-12	369	96	91
6	5.2	5	3.0	11	5.7	BOSSIER	LA	-42	89	11	40	70
30	5.5	40	5.7	34	4.6	CADDO	LA	4	-19	-16	24	51
15	3.9	16	3.1	31	5.6	CALCASIEU	LA	-21	79	42	57	68
3	9.4	2	6.3			CALDWELL	LA	-34				
1	3.4	2	4.8			CAMERON	LA	40				
		2	5.3	4	8.1	CATAHOULA	LA		54			90
2	3.1	4	11.6	3	6.7	CLAIBORNE	LA	268	-42	112	80	81
		2	3.3	3	4.5	CONCORDIA	LA		36			48
				2	2.8	DE SOTO	LA					22
22	3.8	24	3.4	51	5.7	EAST BATON ROUGE	LA	-9	66	51	61	70
2	6.8	1	3.6	1	3.6	EAST CARROLL	LA	-46	-2	-47	09	31
3	4.7	2	3.0			EAST FELICIANA	LA	-35				
		3	2.3	2	1.5	EVANGELINE	LA		-36			12
2	2.2	4	4.9	2	2.5	FRANKLIN	LA	117	-50	9	39	19
4	7.0	1	2.1	1	1.1	GRANT	LA	-71	-48	-85	00	10
7	5.2	7	4.0	9	4.6	IBERIA	LA	-25	16	-13	25	50
3	4.3	4	5.3	4	5.1	IBERVILLE	LA	23	-3	19	45	61
1	1.8	4	6.7	1	1.8	JACKSON	LA	270	-73	0	33	13
27	5.5	47	5.9	39	4.4	JEFFERSON	LA	8	-26	-20	21	46
1	1.4	4	3.4	8	6.8	JEFFERSON DAVIS	LA	144	98	382	97	82
9	4.7	17	5.4	12	4.1	LAFAYETTE	LA	16	-25	-13	25	39
3	2.0	11	4.8	14	5.4	LAFOURCHE	LA	142	14	176	88	66
1	1.4	6*	9.8	1	1.4	LA SALLE	LA	601	-85	2	34	11
2	2.8	6	7.6	8	8.4	LINCOLN	LA	175	10	203	90	91
1	1.2	6	5.0	7	4.3	LIVINGSTON	LA	300	-14	245	92	44
2	5.6			3	9.7	MADISON	LA			74	70	94
3	3.6	8*	8.3	4	3.8	MOREHOUSE	LA	130	-54	7	37	35
5	4.9	5	5.2	5	4.6	NATCHITOCHES	LA	5	-11	-6	30	51
60	3.0	66	3.6	61	3.9	ORLEANS	LA	20	9	31	53	37
9	2.9	16	4.4	15	3.7	OUACHITA	LA	50	-15	27	50	34
3	5.7	3	3.7	2	2.1	PLAQUEMINES	LA	-35	-42	-62	04	16
		5	9.3	3	4.5	POINTE COUPEE	LA		-51			50
8	2.5	18	4.9	20	4.6	RAPIDES	LA	96	-6	84	73	51
1	3.3	2	6.6			RED RIVER	LA	101				
5	6.5			2	2.3	RICHLAND	LA			-65	03	17
1	1.1	3	3.8	2	2.6	SABINE	LA	240	-31	136	84	20
2	2.1	3	1.4	9	3.6	ST BERNARD	LA	-33	147	67	69	31
		1	1.7	4	4.2	ST CHARLES	LA		151			42
		1	4.6			ST HELENA	LA					
2	5.7			2	5.1	ST JAMES	LA			-12	26	60
		2	3.7	1	1.6	ST JOHN THE BAPT	LA		-57			12
12	5.4	17*	7.5	10	4.2	ST LANDRY	LA	38	-44	-23	20	41
3	4.7	6	5.9	4	4.2	ST MARTIN	LA	25	-28	-10	27	42
5	4.4	8	5.2	8	5.2	ST MARY	LA	20	0	20	46	63
6	6.0	9	5.1	13	4.3	ST TAMMANY	LA	-14	-17	-29	17	44
7	4.5	8	3.9	10	4.4	TANGIPAHOA	LA	-12	13	-1	33	47
1	5.4			3*	11.1	TENSAS	LA			107	79	96
9	4.8	8	3.2	10	3.9	TERREBONNE	LA	-34	21	-19	22	36
3	4.6	5	7.5	3	3.9	UNION	LA	65	-48	-15	24	36
5	3.2	9	5.3	5	2.5	VERMILION	LA	65	-52	-21	21	20
3	3.7	2	1.8	1	.8	VERNON	LA	-53	-55	-79	01	10
4	2.8	9	6.5	6	4.0	WASHINGTON	LA	134	-38	44	58	38
5	4.2	9	6.4	7	4.5	WEBSTER	LA	52	-30	6	36	48
		4*	11.0	2	4.1	WEST BATON ROUGE	LA		-63			40
1	1.9	2	3.8	2	3.1	WEST CARROLL	LA	96	-17	63	67	26
1	6.1	1	5.7	3	15.1	WEST FELICIANA	LA	-6	166	149	85	98
4	6.9	4	6.3	5	7.4	WINN	LA	-10	18	7	38	86
156	3.3	208	4.3	242	4.8	MAINE	ME	30	10	43		
9	2.0	20	4.7	20	4.4	ANDROSCOGGIN	ME	134	-7	117	81	46
7	1.6	6	1.4	9	2.2	AROOSTOOK	ME	-16	59	34	54	17
36	4.1	42	4.6	68*	7.1	CUMBERLAND	ME	12	55	73	70	84
3	3.0	5	4.8	4	3.2	FRANKLIN	ME	62	-33	8	38	27
7	4.0	5	2.6	10	5.2	HANCOCK	ME	-37	103	28	51	61
15	3.3	21	4.6	27	5.4	KENNEBEC	ME	40	18	65	68	66
9	5.4	7	4.1	7	4.1	KNOX	ME	-24	-1	-25	19	40
2	1.9	8	7.4	12*	8.8	LINCOLN	ME	282	20	356	96	92
5	2.2	10	4.4	6	2.5	OXFORD	ME	101	-43	15	42	19
23	4.2	23	3.9	26	4.5	PENOBSCOT	ME	-9	16	6	36	49
4	4.4	3	3.1	1	1.0	PISCATAQUIS	ME	-30	-68	-78	01	10
6	5.4	3	2.6	3	2.3	SAGADAHOC	ME	-52	-11	-57	06	17
7	3.7	13	6.7	15	7.0	SOMERSET	ME	80	5	89	74	83
3	2.6	6	5.1	5	4.4	WALDO	ME	93	-14	67	69	47
4	2.6	10	5.8	9	5.6	WASHINGTON	ME	119	-4	110	79	68
16	3.2	26	4.9	20	3.3	YORK	ME	53	-33	3	35	28
375	3.4	533	4.1	697	4.7	MARYLAND	MD	21	15	39		
9	2.1	14	3.3	18	4.1	ALLEGANY	MD	55	22	89	74	39

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
21	3.1	32	3.6	50	4.1	ANNE ARUNDEL MD	14	14	29	51	39
53	3.2	105	4.5	130	4.5	BALTIMORE MD	39	1	41	57	49
		2	3.6	3	3.5	CALVERT MD		-5			30
6	7.0	4	4.6	5	5.8	CAROLINE MD	-35	27	-17	23	71
6	2.4	11	3.8	9	2.3	CARROLL MD	55	-38	-3	32	18
9	4.8	8	3.7	9	3.7	CECIL MD	-23	-1	-24	19	33
		8	7.9	8	3.7	CHARLES MD		-53			34
2	1.7	4	3.9	8	6.9	DORCHESTER MD	128	76	300	94	83
3	1.0	6	1.7	18	4.5	FREDERICK MD	69	163	346	96	48
1	1.0	5	4.7	6	5.1	GARRETT MD	363	8	400	97	60
14	5.6	14	3.6	20	3.8	HARFORD MD	-35	4	-33	16	35
4	2.8	4	2.0	12	4.6	HOWARD MD	-29	129	63	67	50
		3	4.3	1	1.2	KENT MD		-73			10
41	4.1	96	6.1	129	6.0	MONTGOMERY MD	48	-3	44	58	73
34	3.0	67	4.8	94	5.6	PRINCE GEORGE'S MD	60	17	87	74	68
1	1.7	2	2.7	2	1.7	QUEEN ANNE'S MD	56	-36	-1	33	13
3	3.3	7	5.4	9	4.8	ST MARY'S MD	65	-11	47	59	55
3	4.7	2	3.1	7	9.6	SOMERSET MD	-35	213	102	78	93
4	5.0	4	4.5	8	6.7	TALBOT MD	-9	47	35	54	81
8	1.9	13	2.8	21	4.1	WASHINGTON MD	48	48	120	81	41
7	4.1	5	2.4	11	4.7	WICOMICO MD	-43	97	13	41	52
6	7.2	3	3.3	4	3.6	WORCESTER MD	-54	9	-50	08	32
140	3.8	114	3.8	115	4.8	BALTIMORE CITY MD	-2	29	26	50	55
955	3.9	1055	4.1	1143	4.3	MASSACHUSETTS MA	6	5	12		
12	4.4	21	4.8	35	4.4	BARNSTABLE MA	11	-10	-1	33	46
28	4.1	26	3.6	26	3.5	BERKSHIRE MA	-14	-1	-15	24	30
61	3.0	49	2.5	91	4.1	BRISTOL MA	-19	66	35	54	40
4*	15.1	1	3.0	3	6.4	DUKES MA	-80	115	-57	05	78
88	3.2	127	4.3	137	4.5	ESSEX MA	35	4	41	57	48
7	2.5	15	5.5	13	4.1	FRANKLIN MA	120	-25	65	68	40
73	3.7	78	3.7	101	4.8	HAMPDEN MA	-1	30	29	51	55
12	2.4	16	3.2	27	4.8	HAMPSHIRE MA	32	49	96	76	54
218	3.9	261	4.4	285	4.7	MIDDLESEX MA	12	7	20	46	52
1	5.1			4*	20.7	NANTUCKET MA			310	95	99
84	3.7	130	5.0	135	4.7	NORFOLK MA	34	-6	27	50	53
37	3.4	56	4.2	58	3.6	PLYMOUTH MA	23	-14	6	36	32
207*	5.0	167	4.9	108	3.8	SUFFOLK MA	-2	-22	-24	19	35
123	4.2	108	3.5	120	3.8	WORCESTER MA	-15	7	-9	28	34
1346	4.1	1654*	4.7	1853	5.1	MICHIGAN MI	15	8	24		
2	6.0	1	3.2	4	8.1	ALCONA MI	-46	151	36	55	89
		1	1.7	3	5.2	ALGER MI		209			62
8	3.2	10	3.5	8	2.4	ALLEGAN MI	10	-32	-26	18	19
6	4.8	6	4.5	5	3.5	ALPENA MI	-8	-23	-29	17	30
4	8.8	4	5.8	3	3.6	ANTRIM MI	-34	-37	-59	05	32
2	4.0	2	4.1	4	5.5	ARENAC MI	3	33	37	55	67
1	2.2			2	4.1	BARAGA MI			68	74	39
1	.7	16*	9.5	12	5.7	BARRY MI	1186	-39	679	99	70
24	5.1	31	6.4	19	3.6	BAY MI	26	-43	-28	17	32
		2	6.0	6*	13.4	BENZIE MI		123			98
25	4.2	23	3.4	25	3.6	BERRIEN MI	-20	8	-14	25	32
3	1.8	6	3.5	7	3.6	BRANCH MI	96	3	101	77	32
27	4.2	31	5.1	32	5.2	CALHOUN MI	22	1	24	48	61
7	4.5	8	4.3	12	5.8	CASS MI	-4	36	30	52	71
2	3.2	3	3.5	4	4.4	CHARLEVOIX MI	10	28	40	57	47
5	6.1	3	3.3	9*	9.7	CHEBOYGAN MI	-46	196	59	65	94
5	3.3	5	3.5	7	4.5	CHIPPEWA MI	4	29	34	54	48
1	1.8	6	7.8	6	6.4	CLARE MI	323	-17	250	93	78
12*	7.5	8	4.3	13	5.9	CLINTON MI	-44	39	-21	21	72
2	8.4	2	6.5	4	11.3	CRAWFORD MI	-23	73	34	53	96
7	4.4	9	4.8	9	4.7	DELTA MI	7	-3	5	36	52
4	2.9	8	5.6	7	4.5	DICKINSON MI	92	-20	53	63	49
7	3.2	18	6.8	18	5.6	EATON MI	113	-17	77	71	68
2	2.5	5	6.2	9*	8.9	EMMET MI	143	43	249	92	92
47	3.2	75	4.7	95	6.0	GENESEE MI	45	27	85	73	73
		1	1.6	2	1.8	GLADWIN MI		11			14
3	2.0	4	4.2	8	7.5	GOGEBIC MI	112	79	279	94	87
7	4.4	9	5.0	8	3.6	GRAND TRAVERSE MI	12	-27	-18	23	32
6	3.5	4	2.4	7	4.0	GRATIOT MI	-30	64	15	43	38
10	5.8	4	2.4	7	3.6	HILLSDALE MI	-59	48	-39	12	31
9	5.0	9	4.1	5	2.2	HOUGHTON MI	-17	-47	-56	06	16
8	4.3	6	3.5	4	1.9	HURON MI	-17	-46	-55	06	14
41	5.0	38	4.1	44	4.9	INGHAM MI	-18	21	-2	32	57
4	2.3	6	2.8	9	4.3	IONIA MI	26	51	90	74	44
2	2.5	8	7.7	9	6.4	IOSCO MI	203	-17	152	86	78
1	.7	5	5.5	2	2.0	IRON MI	669	-63	183	89	15
3	2.4	6	4.0	11	6.8	ISABELLA MI	69	70	187	89	81
22	3.7	27	4.3	23	3.6	JACKSON MI	14	-14	-2	32	33
10	1.5	33	4.4	49	6.3	KALAMAZOO MI	201	41	326	95	77
1	4.8			4	7.8	KALKASKA MI			60	66	88
57	3.6	75	4.5	100	5.7	KENT MI	23	27	57	64	70
1	5.5			1	10.7	KEWEENAW MI			94	75	95
		1	2.3	1	2.0	LAKE MI		-13			15
4	1.9	8	3.7	5	2.1	LAPEER MI	99	-43	13	41	16
3	6.4	5	9.2	4	5.5	LEELANAU MI	42	-40	-14	25	67
18	5.5	20	5.5	18	4.8	LENAWEE MI	-1	-12	-13	26	55
11	6.6	10	4.6	18	5.2	LIVINGSTON MI	-29	13	-20	21	62
1	2.4			4	10.7	LUCE MI			341	96	95
2	4.4	1	2.0	1	2.4	MACKINAC MI	-54	21	-45	10	19
59	4.2	91	4.4	138	5.4	MACOMB MI	4	23	28	51	65
2	2.3	1	1.0	5	4.3	MANISTEE MI	-55	325	90	74	44
8	3.0	9	3.3	12	4.3	MARQUETTE MI	10	30	43	58	43
4	3.3	7	5.8	13*	9.8	MASON MI	73	69	194	89	94
2	2.4	5	4.6	8	5.8	MECOSTA MI	92	27	143	85	71
8	6.0	5	4.2	7	4.9	MENOMINEE MI	-30	17	-18	22	57
7	3.6	12	6.0	10	3.7	MIDLAND MI	66	-39	1	34	34
4*	13.5	2	5.5			MISSAUKEE MI	-59				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
11	2.5	22	4.9	21	4.0	MONROE MI	96	-18	61	66	39
5	2.6	7	3.6	9	4.3	MONTCALM MI	36	21	66	68	45
3*	11.8	3	9.5	4	7.5	MONTMORENCY MI	-19	-21	-37	14	86
31	5.2	36	5.8	39	6.1	MUSKEGON MI	11	5	17	44	75
4	3.7	4	4.1	11	6.5	NEWAYGO MI	12	59	78	72	79
85	3.7	150	4.5	230*	5.6	OAKLAND MI	23	24	53	63	69
2	2.5	3	3.5	4	4.2	OCEANA MI	42	22	73	70	43
2	4.0	5	8.8	6	6.0	OGEMAW MI	119	-31	50	61	74
2	2.7	1	2.0	4	6.1	ONTONAGON MI	-24	198	128	82	74
1	1.4	2	2.9	7	8.1	OSCEOLA MI	100	183	466	98	89
1	4.6	1	4.9	3	7.8	OSCODA MI	7	59	71	70	88
2	5.3	2	3.7	1	1.7	OTSEGO MI	-31	-54	-68	03	13
19	4.5	32*	6.3	25	4.2	OTTAWA MI	38	-33	-7	30	43
3	5.1			4	4.8	PRESQUE ISLE MI			-6	30	55
1	2.4	2	4.3	4	6.5	ROSCOMMON MI	79	51	169	87	80
32	4.2	43	5.2	41	4.7	SAGINAW MI	23	-9	11	40	53
14	2.9	23	4.3	28	4.7	ST CLAIR MI	48	9	61	66	52
3	1.6	16*	7.2	9	3.6	ST JOSEPH MI	361	-50	132	83	52
7	3.9	7	4.0	10	5.0	SANILAC MI	2	26	29	51	59
1	2.0	4	8.4	2	4.3	SCHOOLCRAFT MI	320	-49	113	80	44
4	1.9	13	5.1	21*	7.7	SHIAWASSEE MI	163	50	295	94	87
5	2.9	10	4.2	10	4.1	TUSCOLA MI	47	-2	44	58	41
12	5.2	12	5.1	12	4.6	VAN BUREN MI	-3	-9	-11	26	51
17	3.2	30	3.9	39	4.9	WASHTENAW MI	22	27	55	64	57
554*	4.8	525*	5.0	442	5.1	WAYNE MI	4	2	6	36	60
3	3.3	6	6.6	7	6.1	WEXFORD MI	100	-8	84	73	75
661	4.1	866*	5.0	946	5.2	MINNESOTA MN	24	4	28		
6	7.9	4	5.6	1	1.6	AITKIN MN	-29	-71	-80	01	12
3	1.3	19	4.7	27	5.5	ANOKA MN	265	16	324	95	67
4	3.1	13*	10.0	13*	9.9	BECKER MN	219	-1	217	91	94
3	2.6	7	6.0	2	1.6	BELTRAMI MN	130	-74	-39	12	12
5	6.2	5	5.4	2	2.0	BENTON MN	-13	-63	-67	03	15
3	5.9	1	1.8	4	7.7	BIG STONE MN	-69	319	30	52	87
10	4.7	16*	7.4	11	5.0	BLUE EARTH MN	57	-32	7	37	58
3	2.2	1	.6	3	2.0	BROWN MN	-72	217	-10	27	15
9	6.3	10	6.9	6	4.2	CARLTON MN	10	-40	-33	15	42
4	3.3	7	6.7	5	3.5	CARVER MN	105	-49	5	36	30
6	6.4	5	4.9	8	6.5	CASS MN	-24	33	1	34	79
1	1.2	4	4.4	2	2.1	CHIPPEWA MN	279	-52	83	73	16
4	5.4	2	1.9	6	5.0	CHISAGO MN	-66	167	-8	29	58
9	5.3	12	6.6	11	5.7	CLAY MN	24	-14	7	37	70
1	1.7	3	5.0	1	3.2	CLEARWATER MN	199	-35	95	76	27
5	5.8	4	4.8	7	9.7	COTTONWOOD MN	-17	101	68	69	94
6	3.5	8	4.6	13	6.2	CROW WING MN	29	35	75	71	76
7	2.5	14	3.2	18	3.0	DAKOTA MN	43	-8	31	52	24
1	1.5	3	4.1	2	3.3	DODGE MN	169	-19	117	80	28
8	6.9	4	3.3	6	3.9	DOUGLAS MN	-52	20	-43	10	37
10*	7.5	11*	9.1	4	3.4	FARIBAULT MN	22	-63	-55	06	29
4	3.6	7	6.5	8	5.5	FILLMORE MN	82	-15	54	63	67
11	5.8	6	3.1	7	3.8	FREEBORN MN	-47	22	-35	14	34
12	6.3	12	6.0	13	6.7	GOODHUE MN	-4	11	6	37	81
1	2.6	1	1.6			GRANT MN	-36				
163	4.4	212*	5.3	243*	6.2	HENNEPIN MN	22	15	41	57	76
2	2.3	8*	9.6	4	4.3	HOUSTON MN	312	-55	85	73	44
1	1.8	1	1.0	7	9.6	HUBBARD MN	-43	818	428	97	93
2	2.9	4	5.2	5	5.8	ISANTI MN	77	12	99	77	71
1	.5	11	5.8	10	4.8	ITASCA MN	1111	-17	900	99	55
3	3.4	4	4.5	3	3.5	JACKSON MN	34	-21	6	36	31
2	3.6	4	7.8	2	3.5	KANABEC MN	118	-55	-2	32	30
9	5.4	5	3.0	10	5.5	KANDIYOHI MN	-44	83	2	34	67
2	3.9	2	5.0	1	1.5	KITTSON MN	29	-70	-61	04	12
3	3.4	2	2.4	3	3.0	KOOCHICHING MN	-30	25	-12	26	24
3	4.0	4	5.0			LAC QUI PARLE MN	25				
1	1.7	2	4.5	5	8.6	LAKE MN	159	91	396	97	91
1	4.3	1	4.3	1	6.1	LAKE OF THE WOODS MN	0	43	44	58	75
		3	2.7	5	3.7	LE SUEUR MN		37			33
		4	7.7	1	2.1	LINCOLN MN		-73			16
5	4.9	5	4.2	7	5.9	LYON MN	-14	41	21	46	72
9	7.2	5	4.1	7	4.4	MC LEOD MN	-42	5	-39	12	46
2	5.9			1	2.4	MAHNOMEN MN			-59	05	19
3	3.9	4	4.8	6	8.3	MARSHALL MN	23	71	110	79	90
5	3.9	2	1.3	4	3.4	MARTIN MN	-67	165	-12	26	29
5	4.7	5	4.7	2	1.9	MEEKER MN	0	-61	-60	05	14
5	6.6	5	6.5	6	7.2	MILLE LACS MN	-2	11	8	39	85
1	.7	5	3.9	14*	9.6	MORRISON MN	422	146	1184	99	93
5	2.5	10	4.3	10	4.6	MOWER MN	76	6	86	73	51
5	7.3	3	4.0	3	4.3	MURRAY MN	-44	6	-41	11	44
3	2.5	3	2.6	6	5.4	NICOLLET MN	2	109	113	80	64
3	2.4	3	2.7	9	7.4	NOBLES MN	11	180	211	91	86
3	4.3			5	6.7	NORMAN MN			59	65	81
14	5.5	18	6.1	10	3.1	OLMSTED MN	12	-49	-43	10	25
4	1.4	16	5.6	21	6.0	OTTER TAIL MN	297	7	324	95	73
3	4.5	4	5.7	7	11.3	PENNINGTON MN	29	98	155	86	96
5	4.8	6	7.4	6	4.8	PINE MN	56	-35	2	34	56
5	7.4	5	7.4	3	4.7	PIPESTONE MN	1	-37	-36	14	52
11	5.8	11	5.6	12	6.3	POLK MN	-5	13	8	38	77
2	4.1	1	2.8	3	3.6	POPE MN	-33	29	-13	25	32
84	4.5	124*	6.3	105	5.4	RAMSEY MN	38	-14	18	45	64
2	5.7	3	9.5			RED LAKE MN	66				
5	4.3	2	1.7	6	5.4	REDWOOD MN	-61	221	25	49	66
7	5.3	4	3.1	7	6.3	RENVILLE MN	-42	104	17	44	77
7	3.7	11	5.8	7	3.6	RICE MN	56	-38	-3	32	32
2	3.4	6*	9.5	4	6.8	ROCK MN	181	-28	102	78	82
1	1.2	1	1.5	4	6.0	ROSEAU MN	31	298	420	97	74
52	4.4	63	5.3	66	5.9	ST LOUIS MN	20	11	33	53	72
		6	4.6	7	4.9	SCOTT MN		7			57
5	9.0	2	3.0	6	5.4	SHERBURNE MN	-67	81	-40	11	64
1	1.2	4	4.1	7	7.0	SIBLEY MN	249	72	499	98	83

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WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
11	3.2	12	2.8	18	4.2	STEARNS MN	-13	51	32	53	43
2	1.6	12*	9.5	6	4.4	STEELE MN	493	-54	173	88	46
4	6.6	2	3.7	3	5.5	STEVENS MN	-44	48	-17	23	66
1	1.2	2	2.2	2	2.3	SWIFT MN	90	4	97	76	18
3	2.3	6	5.3	6	4.9	TODD MN	131	-7	115	80	57
3	6.9					TRAVERSE MN					
3	3.0	6	6.4	6	6.1	WABASHA MN	118	-6	106	78	75
		1	1.9	2	2.9	WADENA MN		52			23
1	.9	3	3.5	6	7.8	WASECA MN	277	121	733	99	88
14	6.9	15	4.1	17	4.5	WASHINGTON MN	-40	9	-35	14	48
2	2.6	5	7.1	5	6.9	WATONWAN MN	176	-2	170	87	83
5*	8.8			2	4.9	WILKIN MN			-44	10	57
7	3.5	5	2.3	16	7.3	WINONA MN	-33	212	110	79	85
10	6.4	6	3.3	9	4.0	WRIGHT MN	-49	21	-38	13	37
2	2.1	8*	9.8	7	8.5	YELLOW MEDICINE MN	369	-13	307	95	91
259	4.4	329*	5.1	420*	5.7	MISSISSIPPI MS	16	11	29		
1	.7	4	4.0	9*	9.5	ADAMS MS	440	140	1194	99	93
4	3.6	6	4.9	13*	9.5	ALCORN MS	37	93	165	87	93
3	7.4	1	2.6			AMITE MS	-65				
3	4.7	5	6.6	6	8.3	ATTALA MS	41	25	76	71	90
2	7.8	1	3.8			BENTON MS	-52				
8*	10.8	3	3.6	5	5.8	BOLIVAR MS	-67	61	-47	09	71
2	3.0	3	4.3	4	5.7	CALHOUN MS	44	33	92	75	70
1	3.7	2	6.3	2	7.7	CARROLL MS	70	22	107	79	87
2	3.8	4	7.1	2	3.0	CHICKASAW MS	89	-58	-21	21	24
1	2.7	3	7.7			CHOCTAW MS	184				
1	6.6	3*	20.8	1	6.4	CLAIBORNE MS	215	-69	-4	31	78
2	3.5	3	6.8	8*	15.7	CLARKE MS	92	132	345	96	99
3	7.6	1	2.1	1	1.9	CLAY MS	-72	-14	-76	02	14
5	7.5	5	7.4	4	6.4	COAHOMA MS	-2	-13	-14	24	79
7*	9.7	5	7.4	6	9.1	COPIAH MS	-24	24	-6	30	92
1	2.7	3	6.3	3	5.9	COVINGTON MS	137	-6	123	82	73
1	2.4	3	4.0	6	4.3	DE SOTO MS	71	5	79	72	43
4	2.2	12	6.9	13	6.9	FORREST MS	210	-1	206	90	82
1	3.1	2	8.2	1	2.6	FRANKLIN MS	165	-68	-17	23	20
2	4.1	4	8.4	6	10.4	GEORGE MS	103	23	150	86	95
		6*	19.9	1	2.7	GREENE MS		-86			21
				5	8.2	GRENADA MS					90
1	1.6			2	2.1	HANCOCK MS			29	51	16
10	2.8	17	3.8	26	4.8	HARRISON MS	34	26	69	69	54
22	5.7	33*	6.0	42	7.0	HINDS MS	5	16	23	47	83
2	4.6	2	4.1	4	12.3	HOLMES MS	-11	198	166	87	97
3	10.5			2	7.1	HUMPHREYS MS			-32	16	84
3	4.7	2	2.5	3	3.1	ITAWAMBA MS	-47	22	-35	14	25
8	5.0	12	4.8	20	6.5	JACKSON MS	-2	33	30	52	79
1	2.3	1	2.2	3	7.0	JASPER MS	-6	220	201	90	83
				1	6.5	JEFFERSON MS					79
1	2.4	4*	11.7	4	10.1	JEFFERSON DAVIS MS	380	-14	314	95	94
5	2.4	11	5.0	10	4.6	JONES MS	112	-8	95	76	51
		1	5.1	1	3.2	KEMPER MS		-37			27
3	5.6	2	3.2	4	6.0	LAFAYETTE MS	-42	83	7	37	73
3	4.4	2	3.3	6	7.7	LAMAR MS	-25	132	73	70	87
6	2.3	11	5.1	8	3.0	LAUDERDALE MS	118	-42	27	50	24
2	4.9	2	5.8	2	4.6	LAWRENCE MS	17	-20	-7	30	51
7*	11.3	2	3.5	6	9.0	LEAKE MS	-69	161	-20	21	92
8	6.0	2	1.2	10	5.2	LEE MS	-79	326	-13	25	62
2	3.2	3	3.8	7	7.7	LEFLORE MS	22	99	142	84	87
2	2.5	8*	8.7	6	5.6	LINCOLN MS	245	-35	123	82	69
5	5.5	8	7.0	6	4.5	LOWNDES MS	28	-36	-19	22	48
		3	5.8	5	7.9	MADISON MS		37			89
3	3.9	4	5.1	13*	15.2	MARION MS	33	197	295	94	98
1	2.2	3	7.5	4	6.9	MARSHALL MS	244	-9	214	91	82
4	4.2	4	3.8	4	3.0	MONROE MS	-9	-21	-28	17	25
2	4.7	2	5.2	3	8.1	MONTGOMERY MS	12	54	73	70	89
6	6.7	5	6.0	7	8.0	NESHOBA MS	-11	32	18	45	89
1	1.4	2	2.8	2	3.2	NEWTON MS	105	14	135	84	27
2	7.7	1	3.3	4*	14.8	NOXUBEE MS	-58	354	92	75	98
3	6.8	3	5.2	3	4.4	OKTIBBEHA MS	-23	-16	-36	14	46
4	6.4	4	5.7	6	7.9	PANOLA MS	-11	39	24	48	89
4	5.3	5	5.1	4	3.5	PEARL RIVER MS	-5	-30	-34	15	31
		1	3.5			PERRY MS					
5	4.8	7	7.1	1	.9	PIKE MS	47	-87	-81	00	10
4	5.2	7*	8.9	5	4.8	PONTOTOC MS	72	-46	-8	29	54
6	7.2	3	3.4	3	3.4	PRENTISS MS	-53	-1	-53	07	28
1	2.8	2	5.1	4*	12.7	QUITMAN MS	84	151	361	96	98
5	6.1	3	2.5	9	4.7	RANKIN MS	-58	87	-22	20	53
3	5.0	1	1.3	8*	10.1	SCOTT MS	-73	655	102	78	95
				5*	31.0	SHARKEY MS					99
5	7.8	9*	11.9	5	7.0	SIMPSON MS	52	-41	-10	27	83
1	1.5	5	7.9	3	4.8	SMITH MS	438	-39	228	91	55
3*	11.5			3	9.7	STONE MS			-16	24	94
3	4.0	1	1.5	3	4.2	SUNFLOWER MS	-61	173	6	36	43
2	5.0	6*	13.5	2	4.8	TALLAHATCHIE MS	167	-64	-4	31	55
2	5.8			5	9.3	TATE MS			61	66	93
3	4.5	6	9.1	5	5.8	TIPPAH MS	100	-36	27	50	71
4	6.0	4	5.1	1	.9	TISHOMINGO MS	-15	-82	-84	00	10
1	6.1	1	5.5	1	6.5	TUNICA MS	-10	17	5	36	79
2	2.5	5	6.0	4	3.9	UNION MS	137	-36	52	62	36
3	7.6	3	7.4			WALTHALL MS	-3				
7	6.4	5	4.3	6	4.8	WARREN MS	-33	12	-25	19	55
1	1.4	9	6.6	6	3.9	WASHINGTON MS	378	-41	184	89	37
2	4.3	1	2.0			WAYNE MS	-53				
4	9.3	2	3.7			WEBSTER MS	-60				
6*	9.7	5	8.2	7*	10.9	WINSTON MS	-15	32	12	41	96
4	11.7	3	8.9	3	6.7	YALOBUSHA MS	-24	-24	-42	10	81
4	6.5	2	3.7	7*	9.7	YAZOO MS	-43	162	49	60	93

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
728	3.7	811	3.9	1068	4.9	MISSOURI MO	6	25	33		
8*	6.0	5	5.0	5	5.0	ADAIR MO	-38	-1	-38	13	58
3	5.1	3	4.8	1	1.2	ANDREW MO	-6	-76	-77	01	10
2	3.3	1	2.1	2	4.2	ATCHISON MO	-37	104	29	51	43
6	5.1	6	4.6	2	1.6	AUDRAIN MO	-8	-66	-69	03	12
1	1.0	6	5.6	8	7.5	BARRY MO	478	32	664	99	86
2	2.4	1	.9	1	1.0	BARTON MO	-62	7	-59	05	10
2	1.9	1	1.6	4	4.1	BATES MO	-16	162	121	81	40
		3	6.5	4	7.1	BENTON MO		9			84
3	5.5			2	3.0	BOLLINGER MO			-46	09	24
8	4.6	4	1.7	10	3.9	BOONE MO	-63	131	-15	24	35
15	3.0	21	4.8	30	6.7	BUCHANAN MO	63	39	126	82	81
7	3.9	3	1.8	5	2.5	BUTLER MO	-54	41	-35	14	19
		2	5.6	2	2.4	CALDWELL MO		-57			19
2	1.6	3	2.5	7	4.7	CALLAWAY MO	54	92	196	89	53
2	5.4	4	5.6	6	5.8	CAMDEN MO	4	3	7	38	71
3	1.5	6	2.6	10	3.9	CAPE GIRARDEAU MO	72	51	160	86	36
8*	9.3	2	2.9	8*	11.0	CARROLL MO	-69	260	18	45	96
1	3.5	1	5.0			CARTER MO	44				
2	1.7	9	5.8	14	7.1	CASS MO	243	22	316	95	83
2	3.2	1	2.2	6	11.4	CEDAR MO	-32	424	257	93	97
2	2.8	5	6.5			CHARITON MO	134				
3	4.7	8*	11.6	4	4.5	CHRISTIAN MO	148	-61	-4	31	48
2	3.6	3	4.9	4	8.8	CLARK MO	36	60	144	85	92
9	2.7	22	5.8	25	4.3	CLAY MO	115	-26	58	65	45
3	4.3	4	7.5	5	6.6	CLINTON MO	74	-13	52	62	60
2	1.1	6	3.2	11	4.9	COLE MO	182	55	339	96	57
2	2.1	1	1.1	3	4.3	COOPER MO	-49	297	102	78	44
5	7.2	2	3.2	5	4.5	CRAWFORD MO	-55	42	-37	13	50
2	3.3	3	7.5	4	8.3	DADE MO	125	11	148	85	90
3	4.6	2	2.8	3	4.4	DALLAS MO	-41	61	-5	31	47
3	4.8	1	1.1	4	10.6	DAVIESS MO	-78	901	123	81	95
		3	6.6	1	2.0	DE KALB MO		-70			15
2	3.6	3	4.9	3	4.7	DENT MO	36	-3	31	52	53
3	5.0	1	2.7			DOUGLAS MO	-46				
7	3.4	6	3.5	4	2.0	DUNKLIN MO	4	-42	-39	12	15
10	5.0	9	3.9	13	4.2	FRANKLIN MO	-23	8	-17	23	42
3	4.1			2	1.9	GASCONADE MO			-55	06	14
3	4.7	3	5.2	3	6.9	GENTRY MO	12	31	47	59	82
22	3.8	21	3.2	50	6.6	GREENE MO	-15	105	75	71	80
2	2.8	4	4.5	5	6.9	GRUNDY MO	60	54	146	85	82
1	1.2	4	5.5	7*	12.1	HARRISON MO	349	119	881	99	97
6	5.6	6	4.3	6	5.8	HENRY MO	-24	35	3	34	71
2	6.4	2	4.2	2	3.1	HICKORY MO	-35	-25	-51	08	26
1	2.1			2	3.6	HOLT MO			72	70	31
2	3.2			1	1.2	HOWARD MO			-61	04	11
3	2.4	4	2.8	7	5.7	HOWELL MO	17	99	132	83	69
2	3.5			2	3.8	IRON MO			10	39	34
111	4.3	124	4.7	126	5.1	JACKSON MO	9	8	17	44	60
12	3.1	13	3.3	21	5.2	JASPER MO	7	60	71	70	62
4	1.8	10	2.7	30	6.0	JEFFERSON MO	53	121	238	92	73
5	4.2	3	2.8	1	.8	JOHNSON MO	-32	-73	-82	00	10
1	2.9	2	5.0	3	6.5	KNOX MO	74	31	128	82	80
3	3.1	3	3.6	8	6.9	LACLEDE MO	16	90	121	81	82
6	4.6	5	3.4	6	3.7	LAFAYETTE MO	-26	10	-19	22	34
2	1.7	5	4.1	8	5.4	LAWRENCE MO	140	31	214	91	65
3	6.3	1	2.3	8*	14.5	LEWIS MO	-64	536	129	83	98
2	2.8	3	3.6	4	3.6	LINCOLN MO	28	1	28	50	31
6	8.1	4	4.2	9*	10.4	LINN MO	-48	147	29	51	95
2	2.6	1	.9	4	4.8	LIVINGSTON MO	-66	448	87	74	55
3	5.6	2	2.6	4	5.6	MC DONALD MO	-53	111	0	33	68
4	4.1	5	5.9	6	6.9	MACON MO	44	16	68	69	83
3	5.4	1	2.2	2	3.3	MADISON MO	-60	49	-40	12	27
4*	9.2			1	2.2	MARIES MO			-76	02	17
8	5.2	3	2.1	8	5.4	MARION MO	-60	159	5	36	66
				1	2.2	MERCER MO					16
		4	5.0	5	4.8	MILLER MO		-5			54
1	1.2	4	5.5	5	7.1	MISSISSIPPI MO	331	33	474	98	84
1	1.7	1	3.7	4	6.0	MONITEAU MO	112	64	247	92	73
2	3.5	3	4.7	4	6.5	MONROE MO	34	39	87	74	79
3	5.1	2	3.6	6	9.2	MONTGOMERY MO	-29	156	81	72	93
1	1.9			4	5.9	MORGAN MO			201	90	72
3	1.4	5	4.5	5	5.4	NEW MADRID MO	233	20	299	94	66
2	1.5	6	3.7	6	3.2	NEWTON MO	147	-13	115	80	27
3	2.1	4	4.1	6	5.4	NODAWAY MO	96	32	159	86	65
2	3.4	2	3.5	3	4.5	OREGON MO	3	29	33	53	49
2	3.3	2	3.2	3	5.0	OSAGE MO	-3	55	50	61	58
				1	3.1	OZARK MO					26
6	4.5	2	1.5	4	4.5	PEMISCOT MO	-66	193	-1	33	48
2	2.8	2	3.5	7	7.9	PERRY MO	26	127	185	89	89
3	1.6	10	6.2	9	5.0	PETTIS MO	287	-19	212	91	58
4	3.8	4	3.2	2	1.3	PHELPS MO	-15	-61	-67	03	11
4	5.8	2	2.5	4	5.7	PIKE MO	-56	125	-1	33	70
4	3.7	3	2.2	7	4.8	PLATTE MO	-41	115	27	50	54
4	4.7	3	3.2	2	1.8	POLK MO	-32	-43	-61	04	14
2	3.0	2	1.1	3	2.2	PULASKI MO	-62	99	-24	19	17
1	1.7	2	3.8	4	8.5	PUTNAM MO	126	125	407	97	91
4	10.9	1	2.0	2	5.0	RALLS MO	-82	153	-54	06	58
9	7.1	9	7.1	6	4.8	RANDOLPH MO	0	-32	-32	16	55
4	4.2	1	1.0	3	2.8	RAY MO	-75	170	-33	15	22
1	5.2	2	5.1	3	8.9	REYNOLDS MO	-1	74	73	70	92
		2	4.1	3	5.2	RIPLEY MO		25			62
5	2.8	10	2.9	25	5.6	ST CHARLES MO	4	91	98	76	68
2	4.8	3	8.8	2	2.7	ST CLAIR MO	82	-69	-44	10	21
1	1.7	6*	9.6	3	4.7	STE GENEVIEVE MO	458	-52	170	87	52
4	2.4	8	4.6	7	3.5	ST FRANCOIS MO	92	-24	47	59	31
109	4.3	176	4.8	206	5.0	ST LOUIS COUNTY MO	12	3	15	43	58
2	1.4	5	3.6	6	5.0	SALINE MO	169	36	265	93	57

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1	3.1	2	10.3	3	7.4	SCHUYLER MO	227	-28	136	84	86
3	7.0	2	5.1	1	1.9	SCOTLAND MO	-28	-62	-73	02	15
3	2.0	1	.6	7	4.3	SCOTT MO	-71	608	109	79	43
1	2.3	1	2.7	4	8.7	SHANNON MO	16	228	280	94	91
2	3.8	1	1.6	2	4.7	SHELBY MO	-57	183	23	47	52
6	4.0	6	5.1	9	6.3	STODDARD MO	28	24	59	65	77
2	4.3	1	3.0	5	4.5	STONE MO	-30	50	5	36	49
		3	4.9			SULLIVAN MO					
		1	1.2	10	9.7	TANEY MO		697			94
5	5.2	7	9.5	6	6.1	TEXAS MO	81	-36	16	43	75
2	1.8	3	2.1	5	5.1	VERNON MO	16	140	177	88	60
2	5.0			2	2.6	WARREN MO			-47	09	20
4	5.2			5	7.6	WASHINGTON MO			46	59	87
1	2.2	3	6.7	7*	10.6	WAYNE MO	206	59	388	97	95
4	5.6	1	.9	4	3.9	WEBSTER MO	-84	333	-30	16	37
				2	7.7	WORTH MO					87
1	1.2	1	1.2	4	5.0	WRIGHT MO	-3	326	314	95	58
139	4.2	102	4.0	79	4.4	ST LOUIS CITY MO	-5	12	6	37	47
108	3.2	112	3.4	177	5.2	MONTANA MT	5	52	59		
2	4.4			3	6.7	BEAVERHEAD MT			51	61	81
1	2.8			2	7.8	BIG HORN MT			176	88	88
1	1.9			1	3.2	BLAINE MT			66	68	26
1	5.7					BROADWATER MT					
2	4.3	2	4.4	1	1.5	CARBON MT	2	-66	-65	04	12
		1	8.2			CARTER MT					
7	2.3	8	2.5	18	5.3	CASCADE MT	10	111	132	83	63
3	6.9	1	2.6	1	2.7	CHOUTEAU MT	-63	5	-61	04	21
3	4.0			6	9.7	CUSTER MT			143	85	94
1	3.9			2	12.1	DANIELS MT			214	91	97
2	3.9	2	3.7			DAWSON MT	-5				
5	4.3	5	4.7	3	4.2	DEER LODGE MT	8	-11	-4	31	42
1	6.2	3*	15.4	1	4.5	FALLON MT	147	-71	-28	17	48
4	5.1	3	4.4	3	4.5	FERGUS MT	-15	3	-12	26	49
7	3.6	8	4.7	16	7.1	FLATHEAD MT	31	52	99	77	84
1	1.0	4	3.0	9	5.7	GALLATIN MT	192	92	459	98	70
1	2.5	1	2.6	5*	16.0	GLACIER MT	6	511	549	98	99
1	17.6			1	17.1	GOLDEN VALLEY MT			-3	32	99
3*	14.9	1	4.7			GRANITE MT	-69				
2	2.3	1	1.6	3	4.3	HILL MT	-30	174	90	74	45
1	4.2	1	4.1	1	2.8	JEFFERSON MT	-3	-32	-34	15	22
		2	12.3			JUDITH BASIN MT					
3	4.8	5	6.4	8*	10.6	LAKE MT	32	67	119	81	95
9	7.3	5	3.3	10	6.1	LEWIS AND CLARK MT	-55	86	-17	23	75
				2*	15.7	LIBERTY MT					99
3	4.0	1	1.1	1	1.2	LINCOLN MT	-74	10	-71	02	10
		1	6.3			MC CONE MT					
1	2.8	2	6.0	4*	13.4	MADISON MT	117	124	386	97	98
		1	6.6			MEAGHER MT					
				1	6.2	MINERAL MT					76
6	3.1	9	4.0	12	4.4	MISSOULA MT	30	10	43	58	46
1	4.5	1	4.4	2	9.0	MUSSELSHELL MT	-1	102	99	77	92
2	3.6	4	5.5	3	4.5	PARK#MT	53	-17	27	50	50
1	3.1	2	6.6			PHILLIPS MT	116				
		1	3.2	1	3.0	PONDERA MT		-6			25
				1	2.8	POWELL MT					22
1	1.8	2	2.3	6	6.2	RAVALLI MT	30	165	243	92	76
2	4.5	1	1.9	4	8.3	RICHLAND MT	-57	329	87	73	90
3	7.8	2	5.5	4	8.3	SANDERS MT	-30	52	7	37	90
2	4.6	4*	11.7	1	2.5	SHERIDAN MT	154	-79	-46	09	19
8	3.3	8	3.4	8	3.5	SILVER BOW MT	1	3	4	35	30
				1	3.4	STILLWATER MT					29
1	5.1	1	4.6			SWEET GRASS MT	-10				
1	2.5	1	4.1	1	3.1	TETON MT	63	-25	22	47	25
3	7.0	2	4.6	3	13.2	TOOLE MT	-33	165	90	74	98
		1	17.5	2*	36.8	TREASURE MT		110			99
1	1.0	2	3.6	6*	12.0	VALLEY MT	277	235	1163	99	97
1	7.2	2*	29.0			WIBAUX MT	302				
10	3.0	11	2.8	20	5.0	YELLOWSTONE MT	-8	78	63	67	57
318*	4.6	323	4.6	374	5.2	NEBRASKA NB	1	13	14		
3	2.0	7	4.6	7	4.6	ADAMS NB	134	0	134	83	50
3	5.2	3	5.8	2	4.7	ANTELOPE NB	13	-19	-9	28	53
		1	12.9			BLAINE NB					
2	3.6	1	1.7	3	6.6	BOONE NB	-52	284	86	73	80
2	3.3	2	3.4	1	1.3	BOX BUTTE NB	1	-60	-60	05	11
		2	7.7	1	3.1	BOYD NB		-60			25
2	9.1	2	8.1	1	4.6	BROWN NB	-11	-44	-50	08	50
9	6.5	6	4.2	9	5.9	BUFFALO NB	-36	41	-9	28	73
3	5.2	4	6.9	1	1.4	BURT NB	32	-80	-73	02	11
		2	3.1	2	3.0	BUTLER NB		-5			24
3	3.1	4	4.4	1	.8	CASS NB	42	-82	-74	02	10
		4	6.5	5	7.8	CEDAR NB		20			88
1	4.6					CHASE NB					
1	2.2	3	8.2	1	2.4	CHERRY NB	268	-71	6	37	18
5	7.5	4	5.5	7*	13.6	CHEYENNE NB	-27	147	80	72	98
2	4.4	1	1.8	3	5.2	CLAY NB	-58	182	18	45	62
3	4.9	7*	11.5	1	3.2	COLFAX NB	133	-72	-35	15	27
7*	10.7	8*	12.8	1	1.6	CUMING NB	20	-87	-85	00	12
3	3.4	4	4.6	1	1.0	CUSTER NB	34	-79	-71	02	10
		3	5.7	4	6.3	DAKOTA NB		11			77
2	3.4			3	6.0	DAWES NB			75	71	73
4	4.1	5	5.2	3	2.8	DAWSON NB	27	-47	-32	16	22
1	3.8			1	7.3	DEUEL NB			93	75	85
3	5.8	1	1.7			DIXON NB	-71				
6	3.7	2	1.1	6	3.6	DODGE NB	-70	222	-4	31	32
72	4.9	86	5.6	97*	6.3	DOUGLAS NB	12	13	27	50	77
		1	5.4	2	10.9	DUNDY NB		100			96

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1	1.8	5*	11.6	2	4.2	FILLMORE	NB	528	-64	126	82	42
2	6.0	3	9.4	1	3.9	FRANKLIN	NB	58	-59	-35	14	36
		2	6.7			FRONTIER	NB					
		1	1.5	1	1.5	FURNAS	NB		-2			12
6	4.6	7	4.7	10	7.3	GAGE	NB	3	55	60	65	85
2	9.6	3*	16.4	2*	28.5	GARDEN	NB	71	74	197	90	99
		1	5.9	2	15.3	GARFIELD	NB		160			98
1	6.1	1	5.8	2	15.5	GOSPER	NB	-5	167	152	86	98
		1*	15.1			GPANT	NB					
1	2.9			1	3.3	GREELEY	NB			15	43	28
8	4.7	8	4.2	11	5.4	HALL	NB	-10	28	15	43	64
3	5.5	3	6.2	2	4.4	HAMILTON	NB	13	-29	-20	21	46
5*	16.3	1	4.4	3	15.0	HAPLAN	NB	-73	239	-8	29	98
				1*	140.3	HAYES	NB					99
1	3.4					HITCHCOCK	NB					
3	3.8	5	7.8	3	4.0	HOLT	NB	106	-48	7	37	38
1*	15.7			2*	34.8	HOOKER	NB			122	81	99
1	2.5	1	2.9	1	2.4	HOWAPD	NB	17	-19	-5	31	18
3	4.4	5	8.8	2	2.4	JEFFEPSON	NB	102	-73	-45	09	19
3	7.8	2	4.9	3	10.4	JOHNSON	NB	-37	112	33	53	95
		2	5.6	2	5.9	KEARNEY	NB		5			72
		4	8.4	3	6.4	KEITH	NB		-24			78
2	6.0	2	6.5	2	7.4	KIMBALL	NB	9	13	23	48	86
4	6.0	1	1.6	6	7.1	KNOX	NB	-73	330	17	44	84
34	5.4	25	3.7	45	6.2	LANCASTER	NB	-32	69	15	42	76
8	5.4	9	6.2	13	8.1	LINCOLN	NB	15	31	50	61	89
				1*	30.3	LOUP	NB					99
6	4.2	3	1.9	6	4.2	MADISON	NB	-54	117	0	33	42
2	4.2	3	6.0	1	2.5	MEPRICK	NB	43	-62	-46	09	17
3	7.6	1	2.6	2	7.1	MOPRILL	NB	-66	174	-7	30	84
3	7.9	1	2.5			NANCE	NB	-69				
2	3.9			2	4.3	NEMAHA	NB			9	39	44
2	4.1	2	5.4	2	4.6	NUCKOLLS	NB	33	-15	14	42	51
5	5.2			4	4.3	OTOE	NB			-17	23	44
		1	2.3			PAWNEE	NB					
				1	7.2	PEPKINS	NB					85
3	5.8	1	2.3	5	11.4	PHELPS	NB	-61	395	95	76	96
		3	6.9	2	4.0	PIEPCE	NB		-42			38
4	3.5	2	1.6	7	5.2	PLATTE	NB	-53	221	50	61	63
2	4.8			1	3.5	POLK	NB			-26	18	31
1	1.6	4	5.8	4	6.1	RED WILLOW	NB	258	5	275	93	75
7*	9.3	5	6.6	2	2.3	RICHAPDSON	NB	-29	-65	-75	02	18
		2*	11.5			POCK	NB					
6	7.3			3	3.3	SALINE	NB			-54	06	28
4	3.6	7	3.6	8	6.1	SARPY	NB	0	69	69	69	74
7	6.8	3	3.1	2	1.8	SAUNDEPS	NB	-55	-42	-74	02	13
8	5.5	9	5.8	11	6.1	SCOTTS BLUFF	NB	5	5	11	40	75
6*	8.1	2	2.5	2	2.4	SEWAPD	NB	-69	-4	-70	03	18
2	4.6	2	6.2	2	5.6	SHEPIDAN	NB	34	-10	21	46	68
5*	15.6	2	6.7	3	12.5	SHEPMAN	NB	-57	86	-20	21	97
2*	12.4			1	6.9	SIOUX	NB			-45	10	82
1	3.3	1	2.8	1	2.7	STANTON	NB	-14	-4	-17	23	21
2	3.7	2	5.1	4	8.1	THAYER	NB	39	58	120	81	89
1*	12.5					THOMAS	NB					
2	6.2	2	6.4	2	8.4	THURSTON	NB	2	32	34	54	90
1	2.6	2	7.1	2	5.4	VALLEY	NB	178	-24	111	80	65
2	3.2	2	3.7	2	2.9	WASHINGTON	NB	15	-20	-8	29	23
1	2.0	1	1.8	1	2.6	WAYNE	NB	-11	44	28	50	20
1	2.3	3	9.2	1	2.7	WEBSTER	NB	295	-71	15	43	21
1	1.5	2	2.5	6	8.3	YORK	NB	70	227	456	98	90
28	2.6	59	3.4	123	4.4	NEVADA	NV	32	29	71		
1	3.4	3	6.4	2	2.8	CHURCHILL	NV	87	-57	-19	22	22
7	1.8	25	2.9	62	4.1	CLARK	NV	62	43	131	83	40
1	5.1	1	2.2	2	4.4	DOUGLAS	NV	-57	97	-14	24	47
3	4.2	1	1.5	2	2.6	ELKO	NV	-65	71	-40	12	20
		1	11.8	1	26.8	EUPEKA	NV		127			99
				4	11.2	HUMBOLDT	NV					96
1	4.3			1	4.9	LINCOLN	NV			15	42	57
1	4.6			3	5.3	LYON	NV			14	42	63
				1	3.7	MINERAL	NV					33
		1	2.8	1	2.1	NYE	NV		-25			16
1	3.9	2	9.2	2	10.7	PERSHING	NV	133	16	171	87	95
11	3.2	21	4.3	33	4.6	WASHOE	NV	36	7	46	59	51
2	3.3	1	2.8	2	4.1	WHITE PINE	NV	-15	45	23	48	40
		3	5.2	7	5.6	ORMSBY-CARSON CITY	NV		8			68
113	3.9	108	3.3	160	4.2	NEW HAMPSHIRE	NH	-15	26	8		
7	4.7	14*	8.8	12	6.5	BELKNAP	NH	87	-26	38	56	80
7	7.6	1	.8	4	2.8	CARROLL	NH	-89	248	-63	04	22
6	2.7	10	4.2	12	4.3	CHESHIPE	NH	52	4	59	65	45
6	3.1	5	2.7	8	4.6	COOS	NH	-11	70	51	61	51
16*	6.6	7	2.6	16	5.7	GPAFTON	NH	-61	119	-14	25	69
22	2.6	27	2.8	36	3.3	HILLSBOPOUGH	NH	11	16	28	50	28
12	3.4	12	3.2	23	5.4	MEPPIMACK	NH	-7	68	57	64	65
24	5.8	19	3.9	24	3.4	ROCKINGHAM	NH	-33	-14	-42	10	29
9	3.4	9	3.0	18	5.4	STPAFFORD	NH	-13	84	59	65	66
4	2.7	4	2.8	7	3.9	SULLIVAN	NH	1	42	42	58	37
1143*	4.3	1332	4.4	1605	5.0	NEW JERSEY	NJ	2	14	16		
33	4.9	33	4.3	32	4.0	ATLANTIC	NJ	-12	-9	-19	22	37
168*	5.1	214	5.4	239	5.4	BERGEN	NJ	5	1	6	37	66
24	3.3	50	5.1	51	4.0	BURLINGTON	NJ	55	-22	20	46	38
67	4.1	69	3.8	79	4.1	CAMDEN	NJ	-6	7	1	34	40
8	3.9	17	6.6	15	3.4	CAPE MAY	NJ	69	-49	-14	25	29
18	4.3	20	4.0	21	4.2	CUMBERLAND	NJ	-8	7	-2	32	43
190	4.5	179	4.7	184*	5.9	ESSEX	NJ	5	25	31	52	72

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
17	3.4	36	5.6	29	4.1	GLOUCESTER	NJ	64	-28	19	45	39
145	4.4	114	3.7	142	5.5	HUDSON	NJ	-17	50	25	49	67
6	2.6	10	3.0	23	6.0	HUNTERDON	NJ	15	99	129	83	74
49	4.3	57	4.5	66	5.2	MERCER	NJ	4	15	20	46	62
47	2.8	95	4.2	133	5.3	MIDDLESEX	NJ	53	25	91	75	63
55	4.1	74	4.3	93	4.5	MONMOUTH	NJ	5	4	9	39	48
46	4.2	58	4.0	85	4.9	MORRIS	NJ	-5	22	16	43	57
16	4.4	28	3.3	64	3.9	OCEAN	NJ	-26	19	-12	26	36
91	4.8	94	4.5	93	4.6	PASSAIC	NJ	-5	1	-4	31	50
12	5.0	8	3.1	20	7.8	SALEM	NJ	-38	152	57	64	88
28	4.9	34	4.5	39	4.1	SOMERSET	NJ	-9	-9	-17	23	40
8	4.1	14	5.0	19	5.1	SUSSEX	NJ	22	1	24	48	59
100	4.5	110	4.2	163*	6.5	UNION	NJ	-6	54	46	59	80
13	4.4	16	5.1	15	3.8	WARREN	NJ	17	-25	-13	25	35
97	3.0	122	3.2	181	4.3	NEW MEXICO	NM	5	35	42		
38	5.1	39	3.6	64	4.7	BERNALILLO	NM	-30	30	-8	28	53
1	.3	8	3.6	10	4.7	CHAVES	NM	932	31	1250	99	53
1	1.5	2	2.9	4	7.6	COLFAX	NM	96	165	419	97	87
3	2.2	3	2.4	7	4.6	CURRY	NM	10	91	111	79	50
2	12.7					DE BACA	NM					
4	2.5	7	3.1	8	3.1	DONA ANA	NM	21	0	21	46	25
7	3.4	9	4.1	6	3.1	EDDY	NM	21	-24	-7	29	26
1	1.2	2	2.4	4	3.9	GRANT	NM	102	64	231	92	37
1	1.8	3*	12.5			GUADALUPE	NM	611				
		1	10.2			HARDING	NM					
1	4.4			1	3.9	HIDALGO	NM			-12	26	37
5	2.8	8	3.7	7	3.3	LEA	NM	33	-12	16	43	27
1	2.4	1	2.9	2	4.2	LINCOLN	NM	19	46	74	70	43
1	.9	3	5.0	4	5.6	LOS ALAMOS	NM	449	12	517	98	68
1	1.5	1	2.1	2	2.2	LUNA	NM	34	5	40	57	16
5	9.7			5	7.4	MC KINLEY	NM			-24	19	26
1	2.4					MORA	NM					
1	.4	8	6.0	6	6.2	OTERO	NM	1406	2	1439	99	76
		4	6.9	3	5.2	QUAY	NM		-26			61
2	2.3	1	1.2	4	5.6	RIO ARRIBA	NM	-48	356	137	84	68
1	1.4	5	7.0	2	2.8	ROOSEVELT	NM	393	-61	93	75	21
		2	3.9	2	2.2	SANDOVAL	NM		-43			17
3	4.6	3	1.2	7	3.6	SAN JUAN	NM	-74	198	-22	20	31
2	1.8	3	2.6	3	3.1	SAN MIGUEL	NM	44	20	73	70	25
5	3.0	2	1.1	14	6.2	SANTA FE	NM	-64	472	105	78	76
1	3.0			3	7.7	SIERRA	NM			155	86	87
2	5.0	2	5.0	3	8.2	SOCORRO	NM	-2	66	63	67	90
1	1.7	4	5.9	3	4.9	TAOS	NM	239	-18	179	88	56
3	7.2			1	4.5	TORRANCE	NM			-37	13	49
1	2.6			1	4.6	UNION	NM			75	71	51
2	2.4	1	.7	5	3.2	VALENCIA	NM	-72	373	34	54	27
3305*	4.2	3675	4.5	3433	4.4	NEW YORK	NY	7	-2	6		
46	3.6	61	4.4	50	3.7	ALBANY	NY	21	-16	2	34	34
8	3.6	9	4.2	9	3.8	ALLEGANY	NY	18	-10	7	37	35
391*	5.4	263	4.2	208	4.3	BRONX	NY	-23	3	-21	21	45
32	3.2	33	3.1	36	3.4	BROOME	NY	-2	9	7	38	29
15	3.6	13	3.3	22	5.6	CATTARAUGUS	NY	-8	67	54	63	68
11	3.0	11	2.9	20	5.3	CAYUGA	NY	-1	80	78	72	63
28	3.8	28	3.7	35	4.7	CHAUTAUQUA	NY	-3	28	25	49	53
17	3.6	27	5.6	29	6.3	CHEMUNG	NY	59	12	78	71	77
4	2.0	10	4.5	8	3.5	CHENANGO	NY	128	-23	75	71	30
6	2.0	11	3.4	14	4.5	CLINTON	NY	74	31	129	83	49
8	2.9	11	3.9	9	3.1	COLUMBIA	NY	33	-21	5	36	25
5	2.6	8	4.0	3	1.6	CORTLAND	NY	50	-60	-40	11	12
6	2.6	9	3.8	7	3.1	DELAWARE	NY	46	-19	19	45	25
29	3.6	52	5.5	27	2.5	DUTCHESS	NY	51	-54	-31	16	20
188	3.9	222	4.4	207	4.3	ERIE	NY	13	-3	9	39	43
6	3.2	15*	8.1	8	4.3	ESSEX	NY	151	-46	34	54	45
5	2.1	5	2.3	6	2.8	FRANKLIN	NY	8	22	32	53	23
10	3.5	6	2.2	9	3.2	FULTON	NY	-37	46	-9	28	26
7	3.0	5	1.8	11	4.0	GENESEE	NY	-39	119	33	53	38
6	3.5	5	2.7	6	2.8	GREENE	NY	-21	3	-19	22	22
1	3.8			2	6.0	HAMILTON	NY			60	65	74
12	3.4	10	2.9	13	3.7	HERKIMER	NY	-16	29	8	38	33
13	2.8	17	4.0	26	6.2	JEFFERSON	NY	44	55	123	82	77
639*	4.9	430	3.7	411	4.5	KINGS(BROOKLYN)	NY	-24	20	-8	29	49
3	2.6	2	1.9	11*	9.3	LEWIS	NY	-28	399	257	93	93
4	1.9	10	4.2	10	4.2	LIVINGSTON	NY	122	0	122	81	43
12	4.9	13	4.8	11	4.0	MADISON	NY	-2	-17	-19	22	37
99	3.6	144	4.8	137	4.5	MONROE	NY	36	-6	28	50	50
15	4.4	5	1.6	13	4.3	MONTGOMERY	NY	-63	162	-3	32	43
218*	4.8	291	4.7	302	4.7	NASSAU	NY	-3	1	-2	32	53
470*	5.6	639*	8.5	277	5.0	NEW YORK(MANHATTAN)	NY	52	-41	-10	27	59
35	3.2	34	3.0	57	5.2	NIAGARA	NY	-7	75	63	67	62
31	2.6	38	2.9	43	3.4	ONEIDA	NY	13	17	32	53	30
62	3.2	78	3.8	102	5.0	ONONDAGA	NY	19	31	56	64	58
15	4.4	16	4.4	10	2.5	ONTARIO	NY	0	-42	-42	11	20
29	3.4	44	4.5	45	4.1	ORANGE	NY	30	-7	20	46	41
4	2.3	6	3.8	7	3.9	ORLEANS	NY	60	4	66	68	36
23	5.6	9	2.1	23	4.7	OSWEGO	NY	-63	127	-16	24	53
8	3.0	11	4.4	13	4.5	OTSEGO	NY	48	3	52	62	49
7	4.7	9	3.8	19	6.5	PUTNAM	NY	-19	70	37	55	79
328	3.7	417	4.3	406	4.5	QUEENS	NY	16	5	22	47	49
20	2.9	37	5.1	26	3.7	RENSSELAER	NY	78	-28	28	50	33
51	4.9	36	3.0	59	4.3	RICHMOND	NY	-38	41	-12	26	44
15	2.9	32	4.9	51	5.3	ROCKLAND	NY	67	7	79	72	63
6	1.1	15	2.9	17	3.4	ST LAWRENCE	NY	167	16	210	91	30
15	3.7	14	2.9	37	6.1	SARATOGA	NY	-22	112	65	68	74
28	3.4	36	4.4	24	3.1	SCHENECTADY	NY	30	-30	-9	28	25
3	2.5	4	3.3	5	3.4	SCHOHARIE	NY	33	3	37	55	29
		4	4.9	7	7.7	SCHUYLER	NY		59			87

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
6	3.8	6	3.3	5	2.9	SENECA	NY	-13	-11	-22	20	23
18	3.7	17	3.3	23	4.8	STEUBEN	NY	-11	46	29	51	54
67	2.8	163	4.4	212	4.4	SUFFOLK	NY	56	0	56	64	46
6	2.3	11	4.0	15	4.8	SULLIVAN	NY	71	20	106	78	54
4	3.0	5	2.5	4	1.9	TIOGA	NY	-15	-27	-38	13	14
10	4.0	14	5.3	17	6.3	TOMPKINS	NY	31	20	57	64	77
19	3.5	23	3.7	33	4.7	ULSTER	NY	6	27	35	54	53
5	2.1	7	2.8	7	2.8	WARREN	NY	36	-1	34	54	22
8	3.3	9	3.6	12	4.7	WASHINGTON	NY	11	30	44	58	52
6	2.5	16	4.5	10	2.8	WAYNE	NY	84	-38	15	42	22
153	4.2	188	4.8	193	4.8	WESTCHESTER	NY	12	1	13	41	54
5	2.6	8	4.5	10	5.4	WYOMING	NY	74	22	111	80	66
2	2.1	3	3.1	4	4.4	YATES	NY	49	39	107	79	46
595	4.2	761	4.6	963	4.9	NORTH CAROLINA	NC	11	7	18		
11	4.0	21	5.9	23	6.1	ALAMANCE	NC	48	3	53	62	75
3	4.6	1	1.5	3	2.8	ALEXANDER	NC	-66	80	-39	12	22
		4	10.5	4	7.8	ALLEGHANY	NC		-25			88
6*	9.2	4	6.1	8*	9.7	ANSON	NC	-34	60	6	36	94
1	.9	3	3.2	3	3.0	ASHE	NC	258	-8	229	92	24
		1	1.7	4	6.1	AVERY	NC		258			75
9*	8.3	3	2.7	11	8.3	BEAUFORT	NC	-68	211	1	33	90
3	5.9	2	3.7			BERTIE	NC	-38				
1	1.5	1	1.2	2	2.2	BLADEN	NC	-19	75	41	57	16
2	3.8	4	5.5	3	2.8	BRUNSWICK	NC	44	-50	-28	17	21
18	3.3	23	3.7	50*	7.1	BUNCOMBE	NC	11	93	114	80	83
6	2.6	4	1.7	13	4.1	BURKE	NC	-33	136	57	64	41
17*	7.4	14	4.8	18	5.0	CABARRUS	NC	-35	4	-33	15	58
9	5.8	15	7.2	11	4.0	CALDWELL	NC	24	-45	-31	16	38
2	12.4	1	5.9			CAMDEN	NC	-53				
5	4.8	6	4.5	3	1.6	CARTERET	NC	-7	-64	-66	03	12
2	4.0	1	1.9	4	7.8	CASWELL	NC	-52	306	94	75	88
10	3.5	22*	6.9	17	4.1	CATAWBA	NC	97	-40	18	45	41
6	7.2	5	5.4	4	3.3	CHATHAM	NC	-25	-39	-55	06	28
2	2.5	3	4.0	6	7.3	CHEROKEE	NC	57	83	189	89	85
1	2.2	1	2.8	2	4.7	CHOWAN	NC	30	68	118	81	53
1	3.7			2	5.3	CLAY	NC			45	59	64
15*	6.4	14	5.6	13	4.3	CLEVELAND	NC	-11	-24	-33	15	44
8	5.1	6	4.2	10	6.0	COLUMBUS	NC	-17	43	19	45	74
7	4.2	6	3.4	8	5.0	CRAVEN	NC	-20	48	18	44	58
9	2.1	13	2.7	26	5.7	CUMBERLAND	NC	33	109	179	88	70
3*	11.2	1	3.2	1	2.8	CURRITUCK	NC	-72	-11	-75	02	23
2	6.8	2	7.1	5	10.4	DARE	NC	4	46	52	62	95
14	6.0	14	3.9	23	5.0	DAVIDSON	NC	-35	27	-18	23	58
1	1.7	4	4.9	4	4.0	DAVIE	NC	192	-19	137	84	37
5	4.8	3	2.3	6	4.4	DUPLIN	NC	-52	93	-8	29	47
21*	6.7	18	4.9	15	3.9	DURHAM	NC	-26	-22	-42	11	36
2	1.4	7	5.8	8	5.5	EDGECOMBE	NC	320	-6	296	94	67
26	4.9	33	5.4	52	7.2	FORSYTH	NC	11	34	48	60	85
2	2.3	2	2.6	3	4.0	FRANKLIN	NC	16	51	75	71	38
22	5.1	38*	7.2	33	5.5	GASTON	NC	42	-24	8	38	66
2	7.9	3*	12.1	1	3.9	GATES	NC	53	-67	-50	08	37
		3	9.9			GRAHAM	NC					
1	1.0	5	5.3	1	1.5	GRANVILLE	NC	416	-73	42	57	12
		2	4.5	2	4.0	GREENE	NC		-12			38
37	5.1	42	4.4	47	4.3	GUILFORD	NC	-13	-3	-15	24	45
5	3.7	6	4.3	6	4.1	HALIFAX	NC	17	-5	11	40	40
5	2.9	12	6.9	8	4.2	HARNETT	NC	140	-40	45	59	42
10	5.4	10	5.0	5	2.2	HAYWOOD	NC	-7	-55	-58	05	17
7	4.6	14	7.4	14	4.8	HENDERSON	NC	59	-35	4	35	55
		3	5.8	3	5.3	HERTFORD	NC		-10			63
2	6.8	1	2.6	2	5.8	HOKE	NC	-62	125	-15	24	71
		2	12.0			HYDE	NC					
7	2.8	10	3.7	15	4.4	IREDELL	NC	33	18	58	65	46
3	3.9	4	4.5	3	3.5	JACKSON	NC	16	-21	-8	29	31
8	3.8	11	5.0	9	3.6	JOHNSTON	NC	29	-28	-7	30	31
		2	6.5			JONES	NC					
6	6.6	4	3.8	2	1.6	LEE	NC	-42	-59	-76	02	12
9	7.6	4	2.4	6	3.7	LENOIR	NC	-68	51	-52	07	33
1	.8	5	3.9	6	4.0	LINCOLN	NC	366	4	385	97	39
3	3.2	5	3.9	7	4.8	MC DOWELL	NC	22	22	49	60	54
2	2.8	5	6.0	4	3.9	MACON	NC	110	-34	39	56	37
2	2.0			6	7.0	MADISON	NC			249	93	83
5	7.3	4	5.9	3	4.6	MARTIN	NC	-19	-22	-37	13	51
33	4.6	59	5.9	65	5.5	MECKLENBURG	NC	29	-7	21	46	67
3	5.2	5	6.9	5	6.2	MITCHELL	NC	32	-11	18	44	76
1	1.5	5	7.0	4	4.9	MONTGOMERY	NC	377	-30	234	92	57
4	3.4	8	5.7	6	2.9	MOORE	NC	69	-48	-12	26	23
2	1.3	8	4.6	12	5.7	NASH	NC	246	24	329	95	69
7	3.4	11	4.6	12	3.6	NEW HANOVER	NC	36	-21	8	38	32
		2	3.6	3	5.5	NORTHAMPTON	NC		51			67
7	4.7	7	4.9	13	6.3	ONSLOW	NC	3	30	34	54	77
4	3.6	9	6.8	4	2.3	ORANGE	NC	89	-66	-36	14	18
				2	6.6	PAMLICO	NC					80
4	6.1	2	2.5	6	7.0	PASQUOTANK	NC	-60	184	15	42	83
3	6.6	6*	11.8	1	1.4	PENDER	NC	80	-88	-79	01	11
		1	3.4	1	2.7	PERQUIMANS	NC		-21			21
2	2.9	3	3.2	5	5.0	PERSON	NC	10	59	75	71	59
4	2.8	8	4.4	10	5.8	PITT	NC	56	34	109	79	72
1	2.1	2	3.4			POLK	NC	66				
10	3.9	10	3.6	15	4.1	RANDOLPH	NC	-9	13	3	34	39
7	5.4	2	1.4	9	5.6	RICHMOND	NC	-74	307	4	35	68
7	3.9	7	4.6	8	4.2	ROBESON	NC	18	-9	8	38	42
14	5.5	14	4.9	19	6.1	ROCKINGHAM	NC	-9	24	13	41	75
10	3.0	15	4.1	26	6.1	ROWAN	NC	38	49	106	78	75
9	5.0	4	2.0	12	5.3	RUTHERFORD	NC	-59	161	7	37	64
5	3.7	6	4.1	8	4.9	SAMPSON	NC	13	18	33	53	56
3	5.3	3	5.7	8*	10.1	SCOTLAND	NC	7	77	91	74	95
10	6.5	13	7.4	13	5.8	STANLY	NC	14	-21	-10	28	71

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
5	5.6	3	3.0	12*	10.0	STOKES	NC	-46	229	79	72	94
2	.8	5	2.4	12	4.5	SURRY	NC	199	88	462	98	50
		4*	11.8	5*	12.5	SWAIN	NC		6			97
4	6.3	2	2.8	1	1.3	TRANSYLVANIA	NC	-55	-55	-80	01	11
5	3.6	17*	9.4	18*	8.1	UNION	NC	164	-14	127	82	89
6	7.1	4	4.5	6	6.4	VANCE	NC	-37	43	-9	28	78
20	3.9	28	4.7	45	5.5	WAKE	NC	20	16	39	56	66
1	2.4	1	2.4	3	6.8	WARREN	NC	3	178	188	89	81
1	2.7	2	4.9	2	6.0	WASHINGTON	NC	79	23	120	81	73
4	4.3	5	6.1	4	3.5	WATAUGA	NC	41	-43	-20	21	30
5	2.9	8	3.6	10	4.1	WAYNE	NC	24	15	42	57	41
13*	7.1	6	3.3	10	4.0	WILKES	NC	-53	20	-43	10	38
6	4.0	4	2.5	6	3.4	WILSON	NC	-38	36	-15	24	29
2	1.8	4	3.7	11	8.4	YADKIN	NC	105	128	367	96	90
4	4.5	1	1.7	3	4.0	YANCEY	NC	-62	134	-11	27	38
112	3.6	147	4.8	152	4.9	NORTH DAKOTA	ND	32	2	35		
1	4.2	3*	16.5	2	11.2	ADAMS	ND	293	-32	169	87	96
1	1.1	7	7.7	5	5.9	BARNES	ND	594	-23	432	97	72
1	2.1			1	4.2	BENSON	ND			100	77	42
		1	12.3			BILLINGS	ND					
1	1.5	1	1.8	4	7.9	BOTTINEAU	ND	21	341	433	97	88
3	9.4	1	3.4	3	9.1	BURKE	ND	-63	165	-3	32	93
6	4.5	5	3.2	12	6.2	BURLEIGH	ND	-28	95	39	56	76
10	3.1	15	4.7	19	5.7	CASS	ND	51	23	85	73	70
1	1.6	2	3.9	6*	11.4	CAVALIER	ND	140	191	598	98	97
4	8.8	3	8.1	6*	15.9	DICKEY	ND	-8	97	81	72	99
2	6.3					DIVIDE	ND					
				1	4.4	DUNN	ND					47
1	3.7	1	3.4	1	4.2	EDDY	ND	-9	26	15	43	43
1	5.3	1	3.4			FOSTER	ND	-36				
1	5.9	1	7.3	1	6.8	GOLDEN VALLEY	ND	24	-6	16	43	82
8	4.2	11	4.8	10	4.2	GRAND FORKS	ND	14	-12	1	33	43
2	4.7	1	3.2			GRANT	ND	-31				
		3	10.8	1	3.5	HETTINGER	ND		-68			30
1	3.0	1	3.4			KIDDER	ND	14				
2	4.1	3	6.8	4	9.7	LA MOURE	ND	64	42	134	83	93
2	5.9					LOGAN	ND					
4	6.0			2	3.1	MC HENRY	ND			-49	08	25
2	5.7	2	5.7			MC INTOSH	ND	0				
1	3.3	1	3.4	1	2.8	MC KENZIE	ND	3	-16	-14	25	22
5	6.3	4	5.7	4	6.3	MC LEAN	ND	-9	10	0	33	77
1	3.4	3	9.3	2	4.5	MERCER	ND	178	-51	35	54	49
5	6.6	6	5.6	3	3.0	MORTON	ND	-15	-47	-55	06	24
		2	5.1	1	1.8	MOUNTRAIL	ND		-64			13
1	2.0	3	8.6	1	3.0	NELSON	ND	336	-65	51	62	24
1	7.6	1	10.0	1	8.1	OLIVER	ND	33	-20	7	38	89
2	3.5	4	5.2	4	6.5	PEMBINA	ND	50	25	88	74	80
1	2.9	3	8.8	2	6.6	PIERCE	ND	201	-25	125	82	80
3	4.1	2	3.3	3	3.8	RAMSEY	ND	-18	12	-8	29	34
		4	9.2	1	3.2	RANSOM	ND		-65			27
1	2.7	1	3.0	1	3.3	RENVILLE	ND	12	9	23	47	27
4	4.1	5	4.2	4	4.3	RICHLAND	ND	2	4	6	37	46
1	3.5	3	9.2	1	2.9	ROLETTE	ND	162	-69	-18	22	23
1	2.3	1	2.5			SARGENT	ND	10				
		2	9.0	3*	17.8	SHERIDAN	ND		97			99
2	3.0	4	4.4	6	5.8	STARK	ND	46	32	92	75	71
2	7.3			2	11.0	STEELE	ND			52	62	96
3	2.4	4	3.1	4	3.4	STUTSMAN	ND	26	10	39	56	29
1	2.4	3	14.5	1	3.2	TOWNER	ND	514	-78	35	54	26
1	1.5	5	7.1	1	1.9	TRAILL	ND	375	-74	24	48	14
7	6.9	9*	9.9	7	7.4	WALSH	ND	44	-25	8	38	86
6	3.4	7	3.8	12	5.7	WARD	ND	13	50	69	69	69
4	7.7	4	8.2	3	6.0	WELLS	ND	7	-27	-22	20	73
5	5.0	4	4.0	6	6.3	WILLIAMS	ND	-20	55	24	49	77
1745*	4.2	1999	4.5	2286	5.0	OHIO	OH	7	11	18		
3	2.7	5	4.9	4	3.2	ADAMS	OH	83	-35	19	45	26
19	4.2	19	4.0	19	4.0	ALLEN	OH	-5	1	-5	31	39
6	3.3	11	5.8	10	4.8	ASHLAND	OH	75	-17	45	59	54
19	4.4	23	5.0	20	4.0	ASHTABULA	OH	15	-20	-8	29	39
11	5.4	10	4.9	4	1.8	ATHENS	OH	-9	-62	-66	03	14
8	4.6	7	4.0	8	4.1	AUGLAIZE	OH	-14	4	-11	26	41
13	3.0	13	2.9	30	6.8	BELMONT	OH	-5	134	122	81	81
6	4.9	8	6.5	7	5.0	BROWN	OH	34	-23	3	35	59
40	5.3	49	5.9	40	3.9	BUTLER	OH	12	-34	-26	18	37
1	1.5	2	1.9	6	5.1	CARROLL	OH	27	174	248	92	61
2	1.6	7	5.2	8	5.2	CHAMPAIGN	OH	225	0	226	91	62
26	4.7	29	4.8	33	5.2	CLARK	OH	3	8	11	40	62
6	1.8	21	5.8	20	4.3	CLERMONT	OH	231	-27	143	84	44
4	3.0	2	1.4	9	6.2	CLINTON	OH	-54	344	103	78	76
17	3.3	16	2.9	27	4.9	COLUMBIANA	OH	-12	67	47	60	57
6	3.5	6	3.6	7	3.9	COSHOCTON	OH	4	9	14	42	37
12	5.8	6	2.9	14	5.7	CRAWFORD	OH	-50	95	-2	32	69
324*	4.7	338	4.8	348	5.3	CUYAHOGA	OH	2	10	12	41	63
4	1.6	12	5.2	15	5.9	DARKE	OH	218	14	264	93	73
7	5.0	6	4.0	6	3.6	DEFIANCE	OH	-19	-10	-28	17	32
8	5.1	7	4.0	12	5.6	DELAWARE	OH	-22	41	10	39	68
15	4.8	18	5.5	22	6.3	ERIE	OH	14	14	30	51	77
8	2.9	12	3.8	21	5.7	FAIRFIELD	OH	32	48	95	76	69
1	.9	7	5.7	2	1.4	FAYETTE	OH	529	-75	59	65	11
115	4.6	127	4.4	157	5.3	FRANKLIN	OH	-4	20	15	43	63
5	3.7	9	6.1	5	3.1	FULTON	OH	67	-49	-15	24	26
5	3.9	1	.8	6	4.3	GALLIA	OH	-80	462	12	40	45
5	3.0	12	5.2	22*	7.5	GEAUGA	OH	71	44	147	85	87
7	2.4	9	2.6	32	6.4	GREENE	OH	9	144	166	87	78
7	3.7	11	5.1	9	4.6	GUERNSEY	OH	37	-10	24	48	50
172*	5.0	158	4.4	187	5.4	HAMILTON	OH	-11	22	9	39	65

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
6	2.9	15	5.6	3	1.1	HANCOCK OH	92	-80	-63	04	10
6	4.0	2	1.5	6	4.1	HARDIN OH	-63	179	3	34	40
4	4.4	1	1.0	9*	9.9	HARRISON OH	-78	903	124	82	94
6	5.0	5	4.3	4	3.1	HENRY OH	-15	-27	-38	13	25
6	4.1	3	2.0	1	.5	HIGHLAND OH	-51	-75	-87	00	09
1	.9	8	7.7	2	1.9	HOCKING OH	746	-75	111	80	15
5	5.5	7	7.3	2	1.8	HOLMES OH	34	-75	-66	03	14
12	5.6	10	4.6	21*	8.8	HURON OH	-18	89	55	64	92
4	2.7	5	3.8	6	4.0	JACKSON OH	42	5	49	60	38
14	3.0	16	3.4	21	4.6	JEFFERSON OH	14	34	52	62	50
10	5.2	9	4.4	9	4.3	KNOX OH	-15	-3	-18	22	44
25	5.6	38	5.5	47	5.1	LAKE OH	-2	-8	-10	27	60
9	3.6	12	4.5	14	5.1	LAWRENCE OH	27	12	42	57	60
14	3.6	21	4.5	23	4.3	LICKING OH	25	-3	22	47	45
3	1.6	6	3.5	6	3.4	LOGAN OH	124	-4	115	80	29
28	3.2	49	5.1	65	6.2	LORAIN OH	61	21	94	75	76
85	4.1	120*	5.7	123*	6.2	LUCAS OH	40	8	52	62	76
4	3.2	7	5.9	2	1.6	MADISON OH	81	-73	-51	08	12
68*	5.3	72	5.3	60	4.5	MAHONING OH	1	-16	-15	24	48
12	4.5	5	1.5	18	6.5	MARION OH	-67	331	43	58	79
12	4.8	10	3.2	22	5.6	MEDINA OH	-34	78	17	43	69
4	3.7	4	3.0	6	5.7	MEIGS OH	-21	93	53	63	70
10	6.9	5	3.2	10	6.2	MERCER OH	-53	92	-10	27	76
10	3.1	18	4.9	17	4.6	MIAMI OH	59	-7	48	60	50
2	2.2	2	2.8	3	3.2	MONROE OH	24	17	46	59	27
80	4.0	92	4.0	115	5.0	MONTGOMERY OH	-1	27	26	49	59
		2	3.5	2	2.9	MORGAN OH		-16			23
3	3.5	2	2.1	3	2.7	MORROW OH	-40	50	-22	20	21
10	2.7	10	2.7	18	4.9	MUSKINGUM OH	1	81	83	73	56
1	1.8	2	3.0			NOBLE OH	72				
8	5.2	11	6.3	10	5.4	OTTAWA OH	21	-15	3	34	64
4	5.8	3	3.2	7	7.6	PAULDING OH	-45	138	31	52	87
6	3.7	4	2.8	3	2.3	PERRY OH	-24	-19	-39	12	17
5	3.6	7	4.4	6	2.9	PICKAWAY OH	23	-35	-20	21	23
2	2.5	1	1.2	5	4.7	PIKE OH	-52	283	86	73	53
11	3.4	17	3.9	26	5.4	PORTAGE OH	13	41	59	65	65
3	2.1	6	3.6	6	3.2	PREBLE OH	73	-11	55	64	27
8	5.4	4	2.7	10	7.1	PUTNAM OH	-50	162	30	52	84
20	4.0	17	3.2	35	6.1	RICHLAND OH	-20	93	54	63	75
12	4.7	13	4.3	6	1.9	ROSS OH	-9	-54	-59	05	15
6	2.5	15	5.5	17	6.1	SANDUSKY OH	123	10	147	85	74
17	4.3	16	4.1	11	2.6	SCIOTO OH	-5	-35	-39	12	21
6	2.2	9	3.1	15	5.4	SENECA OH	36	78	143	85	66
7	4.5	10	6.2	9	5.0	SHELBY OH	37	-19	12	40	59
61	4.0	84	5.2	97	5.8	STARK OH	29	12	44	58	71
116*	5.2	126	5.3	114	4.9	SUMMIT OH	2	-8	-6	30	56
40	4.5	47	4.7	45	4.1	TRUMBULL OH	6	-12	-7	30	41
18	4.8	16	4.2	18	4.5	TUSCARAWAS OH	-13	7	-7	30	49
6	5.9	8	7.2	5	3.8	UNION OH	23	-47	-35	14	35
7	5.0	9	6.4	11	7.8	VAN WERT OH	29	21	56	64	88
2	4.0	1	2.3	1	2.1	VINTON OH	-41	-13	-49	08	15
9	4.0	10	3.2	15	4.1	WARREN OH	-20	29	3	35	40
8	3.4	12	4.6	14	5.2	WASHINGTON OH	37	12	53	63	62
9	2.8	19	5.3	22	5.4	WAYNE OH	86	2	90	74	64
4	2.7	3	1.9	9	5.5	WILLIAMS OH	-30	186	100	77	67
12	3.9	9	2.5	18	4.6	WOOD OH	-35	84	19	46	51
2	1.8	3	3.1	3	2.9	WYANDOT OH	71	-6	60	66	23
416	4.0	469	4.2	653*	5.3	OKLAHOMA OK	6	26	33		
1	1.9	1	2.1	7*	11.7	ADAIR OK	11	460	523	98	97
1	2.4	1	2.3	1	1.6	ALFALFA OK	-1	-32	-33	15	12
		2	4.1	1	1.6	ATOKA OK		-62			12
1	2.8	2	5.2	2	4.6	BEAVER OK	87	-12	64	67	50
5	5.0	7	8.8	3	2.3	BECKHAM OK	75	-74	-54	06	17
2	3.2	3	5.3	2	2.3	BLAINE OK	66	-57	-29	17	17
2	1.5	5	4.1	6	4.1	BRYAN OK	177	0	175	88	41
2	1.4	7	5.6	5	3.8	CADDO OK	305	-32	176	88	35
4	3.3	5	3.8	13	7.2	CANADIAN OK	13	89	114	80	84
13*	7.5	6	3.0	13	6.5	CARTER OK	-60	119	-13	25	80
		3	4.4	6	6.2	CHEROKEE OK		41			77
2	2.6	4	7.5	6	8.4	CHOCTAW OK	184	12	219	91	90
				1	4.7	CIMARRON OK					53
8	4.3	5	2.1	13	3.3	CLEVELAND OK	-52	58	-25	19	28
1	2.4	1	3.7	2	9.0	COAL OK	58	143	284	94	92
10	3.9	10	3.8	14	4.1	COMANCHE OK	-2	6	3	35	39
4	9.2	3	6.7	4	9.0	COTTON OK	-27	35	-1	32	92
2	2.6	8*	10.7			CRAIG OK	308				
8	3.9	9	4.7	15	6.4	CREEK OK	19	39	65	68	79
4	4.1	3	2.8	8	7.7	CUSTER OK	-31	171	86	73	87
1	1.6	1	1.6	2	1.8	DELAWARE OK	3	12	15	42	14
1	2.4	2	6.5	1	4.4	DEWEY OK	177	-33	85	73	46
		3	8.2	3	12.5	ELLIS OK		53			97
11	4.4	10	3.8	11	3.8	GARFIELD OK	-12	0	-13	25	35
7	4.8	5	3.2	8	5.4	GARVIN OK	-33	68	13	41	64
6	3.5	4	2.4	5	2.8	GRADY OK	-31	16	-20	21	22
3	5.7	1	1.9	1	3.5	GRANT OK	-66	78	-39	12	30
2	5.9	4	6.0	3	8.1	GREER OK	1	35	37	55	90
3	7.7	1	4.4	2	12.6	HARMON OK	-42	185	65	68	98
		3	10.4	3	12.0	HARPER OK		15			97
2	3.3	5	11.7	4	7.2	HASKELL OK	258	-39	120	81	84
6	7.6	3	3.3	2	2.0	HUGHES OK	-57	-40	-74	02	15
4	3.9	3	2.8	3	2.6	JACKSON OK	-28	-8	-34	15	20
4	7.0	1	3.1	2	5.3	JEFFERSON OK	-56	68	-25	18	63
1	2.9	3	9.2	5	12.6	JOHNSTON OK	214	37	328	95	97
9	3.7	12	4.8	13	5.2	KAY OK	28	8	39	56	62
2	3.2	3	6.1	5	7.6	KINGFISHER OK	88	24	133	83	87
		5	5.9	9*	10.0	KIOWA OK		70			94
				1	2.2	LATIMER OK					17
7	5.0	6	4.6	12	6.9	LE FLORE OK	-7	50	39	56	83

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
3	2.7	4	4.3	6	4.5	LINCOLN OK	59	5	67	68	49
3	3.3	4	5.1	3	2.6	LOGAN OK	54	-49	-22	20	20
2	7.2			2	6.7	LOVE OK			-6	30	81
3	4.3	1	1.3	2	2.2	MC CLAIN OK	-69	68	-48	08	17
6	6.4	6	5.3	6	4.3	MC CURTAIN OK	-16	-19	-32	16	45
3	5.6	1	1.6	5	4.9	MC INTOSH OK	-72	213	-11	26	57
3	6.4	2	7.0			MAJOR OK	9				
2	5.0	4	8.9	3	3.8	MARSHALL OK	77	-57	-24	19	35
4	4.0	5	4.6	10	6.9	MAYES OK	15	50	73	70	83
1	1.9	4	7.7	3	4.6	MURRAY OK	312	-40	148	85	51
14	5.5	13	5.4	13	5.0	MUSKOGEE OK	-2	-7	-9	28	58
2	3.4			1	1.4	NOBLE OK			-59	05	11
2	3.6	2	4.0	4	7.2	NOWATA OK	11	82	101	77	85
3	6.1	2	5.6	3	4.7	OKFUSKEE OK	-7	-16	-22	20	53
75	4.7	96	4.7	154*	7.2	OKLAHOMA OK	1	53	54	63	85
6	3.5	4	2.2	6	3.2	OKMULGEE OK	-38	47	-9	28	27
8	5.2	1	.6	10	7.1	OSAGE OK	-89	1112	36	55	84
4	2.5	2	1.4	9	6.0	OTTAWA OK	-45	340	141	84	73
4	6.0	3	6.5	6	7.2	PAWNEE OK	8	11	20	46	85
6	3.7	5	2.9	9	4.3	PAYNE OK	-21	49	18	45	45
6	3.6	5	2.8	5	2.2	PITTSBURG OK	-22	-20	-38	13	17
3	2.4	8	6.1	9	6.5	PONTOTOC OK	160	6	176	88	79
6	3.1	7	3.3	11	5.0	POTTAWATOMIE OK	6	54	63	67	59
4	7.1			1	1.5	PUSHMATAHA OK			-79	01	12
1	2.6	1	2.9	1	4.6	ROGER MILLS OK	14	59	82	72	51
5	4.9	9	7.4	7	4.5	ROGERS OK	51	-39	-9	28	49
4	2.4	4	3.2	5	3.6	SEMINOLE OK	30	15	50	61	32
4	4.5	4	4.7	8	7.0	SEQUOYAH OK	4	49	54	63	83
4	2.2	12	6.9	10	5.1	STEPHENS OK	216	-25	135	84	61
2	3.0	4	5.1	5	6.1	TEXAS OK	72	19	105	78	76
1	1.4	3	4.8	3	4.1	TILLMAN OK	249	-15	196	89	41
70*	5.8	74	4.7	86	5.2	TULSA OK	-20	11	-11	27	62
1	1.1	3	3.4	7	5.4	WAGONER OK	201	59	377	96	65
5	3.0	6	2.9	13	6.3	WASHINGTON OK	-5	122	110	79	78
2	2.3	6	7.9	3	4.4	WASHITA OK	247	-44	94	75	47
2	2.8	1	2.1			WOODS OK	-26				
3	3.7	3	3.4	7	8.4	WOODWARD OK	-7	145	129	83	91
414*	4.9	519*	5.4	596*	5.3	OREGON OR	10	-2	8		
2	2.2	5	5.9	3	3.6	BAKER OR	173	-40	64	67	31
7	4.8	17*	9.6	9	4.1	BENTON OR	99	-57	-15	24	41
24	4.6	39	5.8	52	5.6	CLACKAMAS OR	28	-4	23	48	69
6	3.9	3	2.0	8	4.3	CLATSOP OR	-49	116	10	39	45
7	5.8	10	7.2	4	2.3	COLUMBIA OR	23	-68	-60	05	18
11	4.2	13	4.6	14	4.9	COOS OR	9	7	17	44	56
2	3.4	2	3.9	3	4.6	CROOK OR	16	17	37	55	51
3	5.7	2	2.4	3	2.2	CURRY OR	-57	-8	-61	04	17
5	4.6	13*	8.7	11	4.5	DESCHUTES OR	89	-48	-1	33	49
15	4.9	21	6.0	12	2.9	DOUGLAS OR	22	-52	-42	11	23
1	7.4			2*	19.8	GILLIAM OR			166	87	99
4	9.3			5*	11.0	GRANT OR			19	45	96
2	5.7	3	7.6	2	4.8	HARNEY OR	33	-37	-17	23	54
3	3.9	5	7.1	4	5.5	HOOD RIVER OR	60	-23	39	56	66
17	4.9	11	2.4	25	4.4	JACKSON OR	-51	84	-11	27	46
		1	2.6	5*	10.5	JEFFERSON OR		307			95
5	3.4	7	3.6	18	7.1	JOSEPHINE OR	6	96	108	79	84
7	2.9	9	3.6	13	5.1	KLAMATH OR	21	45	75	71	61
2	4.5	3	7.5	1	2.4	LAKE OR	64	-68	-47	09	18
39	5.8	42	5.0	57	5.3	LANE OR	-13	7	-7	29	64
6	4.3	6	4.0	14	7.1	LINCOLN OR	-7	75	63	67	84
7	2.3	16	5.1	28*	6.9	LINN OR	120	37	201	90	83
5	4.2	2	1.7	3	2.4	MALHEUR OR	-59	38	-44	10	18
28	4.9	48*	7.1	45	5.1	MARION OR	45	-28	4	35	61
		2	6.6	3	9.6	MORROW OR		45			93
155*	6.1	173*	6.4	156*	6.0	MULTNOMAH OR	6	-7	-2	32	73
2	1.5	5	3.2	11	5.9	POLK OR	122	81	302	94	72
				1	7.0	SHERMAN OR					83
6	6.2	5	4.7	2	2.0	TILLAMOOK OR	-25	-58	-68	03	15
8	3.8	11	4.8	12	4.7	UMATILLA OR	27	-3	23	48	52
3	3.2	5	5.2	2	1.9	UNION OR	64	-64	-41	11	14
3	10.1	1	2.7			WALLOWA OR	-74				
4	4.0	3	2.8	8	7.8	WASCO OR	-30	177	95	76	88
14	3.6	20	3.6	51	6.3	WASHINGTON OR	1	74	76	71	77
		1	6.1			WHEELER OR					
11	6.4	15*	8.2	9	4.2	YAMHILL OR	29	-49	-34	15	42
1845	3.5	2126	3.9	2316	4.2	PENNSYLVANIA PA	11	6	18		
5	2.4	5	2.0	12	4.0	ADAMS PA	-18	100	63	67	38
280	3.6	296	3.9	303	4.1	ALLEGHENY PA	7	5	13	41	41
10	2.6	22	5.4	9	2.0	ARMSTRONG PA	105	-63	-24	19	15
29	3.1	30	3.0	52	5.1	BEAVER PA	-5	71	62	66	60
7	3.5	7	3.3	13	5.9	BEDFORD PA	-4	78	70	70	72
68	4.9	85*	5.7	86	5.3	BERKS PA	16	-8	8	38	63
13	1.9	18	2.5	35	5.1	BLAIR PA	34	103	172	88	60
14	5.7	11	4.2	11	3.8	BRADFORD PA	-25	-9	-32	16	35
33	3.1	68	4.8	89	4.7	BUCKS PA	53	-1	51	61	53
17	3.5	17	2.9	29	4.5	BUTLER PA	-19	58	28	50	49
32	3.1	19	2.0	39	4.2	CAMBRIA PA	-34	105	36	55	42
				5*	15.0	CAMERON PA					98
8	2.9	12	4.0	8	3.0	CARBON PA	39	-24	5	36	25
4	1.1	10	2.7	15	4.3	CENTRE PA	155	59	307	94	45
33	3.8	39	3.8	42	3.2	CHESTER PA	-1	-15	-16	24	27
8	4.5	5	2.7	2	1.0	CLARION PA	-41	-61	-77	01	10
10	2.3	19	4.7	20	4.8	CLEARFIELD PA	105	2	109	79	55
6	3.4	7	3.8	8	4.3	CLINTON PA	12	12	26	49	44
9	3.4	11	4.0	9	3.0	COLUMBIA PA	17	-25	-12	26	24
6	1.5	17	4.3	15	3.6	CRAWFORD PA	189	-16	144	85	32
22	4.5	23	3.5	29	3.9	CUMBERLAND PA	-21	9	-14	25	35

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
											%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
30	2.9	58	5.8	35	3.4	DAUPHIN	PA	96	-42	15	42	29
86	3.8	132	5.0	123	4.7	DELAWARE	PA	32	-7	23	47	52
5	2.7	5	2.6	5	2.5	ELK	PA	-6	-2	-8	29	20
44	3.7	52	4.3	54	4.4	ERIE	PA	17	1	18	45	46
23	2.6	33	4.2	30	3.7	FAYETTE	PA	63	-12	43	58	33
		2	6.4	1	1.9	FOREST	PA		-69			15
12	3.0	19	4.3	15	3.0	FRANKLIN	PA	42	-30	-1	33	24
1	1.4			1	1.9	FULTON	PA			39	56	14
7	3.8	8	3.8	11	5.5	GREENE	PA	-1	46	44	58	67
10	4.9	8	4.2	10	5.2	HUNTINGDON	PA	-14	24	6	36	62
8	2.0	10	2.8	7	1.7	INDIANA	PA	36	-37	-15	24	13
9	3.6	5	2.2	6	2.3	JEFFERSON	PA	-40	5	-37	13	17
4	4.5	3	3.7	6	6.9	JUNIATA	PA	-18	88	53	63	82
43	3.3	41	3.2	47	3.7	LACKAWANNA	PA	-4	16	11	40	33
46	3.8	55	3.9	73	4.7	LANCASTER	PA	3	20	24	48	54
29	5.4	24	4.5	26	4.7	LAWRENCE	PA	-17	5	-13	25	53
10	2.2	19	3.9	19	3.7	LEBANON	PA	78	-5	68	69	34
33	3.0	47	3.7	49	3.6	LEHIGH	PA	26	-3	23	47	32
57	2.9	64	3.3	69	3.6	LUZERNE	PA	15	8	24	48	31
19	3.6	26	4.8	34	5.9	LYCOMING	PA	31	24	62	66	72
9	3.1	9	3.3	14	5.0	MC KEAN	PA	4	54	60	66	58
14	2.3	17	2.7	22	3.6	MERCER	PA	16	33	54	63	31
5	2.2	4	1.8	12	5.3	MIFFLIN	PA	-21	199	135	84	63
5	2.6	8	3.7	16	5.6	MONROE	PA	43	53	118	81	68
94	4.3	99	3.7	136	4.5	MONTGOMERY	PA	-15	22	4	35	48
4	4.3			3	3.5	MONTOUR	PA			-19	22	30
33	3.4	47	4.7	50	4.5	NORTHAMPTON	PA	38	-5	31	52	48
11	1.9	22	3.8	14	2.4	NORTHUMBERLAND	PA	102	-37	26	50	18
5	3.8	6	4.4	7	4.4	PERRY	PA	15	0	15	43	47
376*	4.5	345	4.5	280	4.4	PHILADELPHIA	PA	1	-3	-1	33	47
				4	4.2	PIKE	PA					42
2	2.3	6	7.5	6	7.8	POTTER	PA	227	4	241	92	88
27	2.8	41	4.4	36	3.8	SCHUYLKILL	PA	54	-14	33	53	34
4	3.5	2	1.6	7	4.6	SNYDER	PA	-55	191	31	52	51
15	3.7	9	2.2	16	3.9	SOMERSET	PA	-41	79	5	36	36
1	2.4	2	6.3			SULLIVAN	PA	160				
4	2.3	5	2.9	5	3.1	SUSQUEHANNA	PA	27	8	37	55	26
16*	8.9	7	3.6	8	4.1	TIOGA	PA	-60	13	-54	06	40
2	1.5	5	4.3	5	3.9	UNION	PA	181	-11	150	86	36
13	4.2	10	3.0	10	3.2	VENANGO	PA	-27	6	-23	20	27
7	3.1	8	3.2	10	4.1	WARREN	PA	2	28	31	52	40
25	2.4	41	3.9	57	5.3	WASHINGTON	PA	60	37	119	81	63
3	1.8			7	3.6	WAYNE	PA			107	79	33
44	2.5	54	2.9	86	4.4	WESTMORELAND	PA	14	51	72	70	46
3	3.7	2	2.2	2	2.1	WYOMING	PA	-41	-6	-44	10	16
33	3.1	45	3.6	51	3.6	YORK	PA	17	0	17	44	32
134	3.3	216	5.0	240	5.3	RHODE ISLAND	RI	50	6	60		
7	4.0	7	3.9	15	6.8	BRISTOL	RI	-1	74	72	70	82
17	4.0	30	5.3	46	6.6	KENT	RI	33	23	63	67	80
6	2.0	17	5.4	24	6.6	NEWPORT	RI	165	23	226	91	80
98	3.4	147	5.1	138	4.8	PROVIDENCE	RI	48	-4	41	57	55
6	2.7	15	5.3	17	4.9	WASHINGTON	RI	95	-8	80	72	56
261	4.1	341	4.6	487*	5.5	SOUTH CAROLINA	SC	13	20	36		
		3	4.9	5	7.2	ABBEVILLE	SC		46			85
8	4.1	16	5.6	8	2.1	AIKEN	SC	36	-62	-48	08	16
1	6.5			1	3.8	ALLENDALE	SC			-41	11	35
17	4.6	16	4.2	36*	7.5	ANDERSON	SC	-8	79	65	68	87
2	5.9	2	5.5	1	1.8	BAMBERG	SC	-7	-67	-69	03	14
1	1.8	2	5.2	3	5.5	BARNWELL	SC	190	4	203	90	66
3	5.3	3	3.2	9	6.2	BEAUFORT	SC	-40	94	17	44	76
1	1.0	2	1.9	11	6.8	BERKELEY	SC	95	264	609	98	81
2	8.9					CALHOUN	SC					
17	2.7	23	4.3	37	6.0	CHARLESTON	SC	55	41	119	81	73
8	6.9	7	5.7	7	4.5	CHEROKEE	SC	-17	-21	-35	14	49
2	2.2	3	3.1	5	6.1	CHESTER	SC	41	96	177	88	75
6	6.6	5	5.0	7	5.9	CHESTERFIELD	SC	-25	17	-11	26	72
				4	7.7	CLARENDON	SC					87
1	1.2	2	2.7	4	5.0	COLLETON	SC	127	85	320	95	59
5	4.1	4	3.4	4	2.2	DARLINGTON	SC	-18	-34	-46	09	17
2	3.0	5	7.0	2	2.5	DILLON	SC	137	-64	-16	24	20
3	4.7	5	5.5	7	5.9	DORCHESTER	SC	17	7	25	49	72
3	9.5	4*	10.1	3	7.4	EDGEFIELD	SC	6	-27	-22	20	86
1	2.3	4	9.5	1	2.5	FAIRFIELD	SC	318	-74	9	39	19
6	2.7	5	2.5	10	3.7	FLORENCE	SC	-8	47	35	54	33
2	2.6	7*	9.4	7	8.6	GEORGETOWN	SC	262	-8	231	92	91
37	5.5	53*	6.3	63	6.5	GREENVILLE	SC	15	3	18	44	79
3	2.2	8	4.8	8	4.2	GREENWOOD	SC	120	-13	92	75	42
1	2.0					HAMPTON	SC					
6	2.9	12	5.3	17	5.3	HORRY	SC	85	2	88	74	64
		1	4.0			JASPER	SC					
4	5.0	3	3.0	13*	10.7	KERSHAW	SC	-40	260	115	80	95
6	6.5	5	4.0	6	3.7	LANCASTER	SC	-38	-9	-44	10	33
7	4.8	5	3.0	5	2.8	LAURENS	SC	-39	-6	-42	10	22
2	5.1			4	11.2	LEE	SC			118	81	96
8	4.4	6	2.2	13	3.3	LEXINGTON	SC	-51	50	-27	18	27
		2	13.7			MC CORMICK	SC					
3	4.7	1	1.8	4	5.7	MARION	SC	-62	218	22	47	69
3	4.6	1	1.9	2	3.5	MARLBORO	SC	-59	85	-24	19	30
2	2.3	4	4.3	8	7.8	NEWBERRY	SC	89	81	242	92	88
5	2.7	13*	8.2	17*	9.9	OCONEE	SC	207	22	274	93	94
4	3.0	7	5.1	10	6.3	ORANGEBURG	SC	72	22	109	79	77
6	3.9	10	4.4	17	6.7	PICKENS	SC	15	51	73	70	81
24	4.7	29	5.1	42	6.3	RICHLAND	SC	8	24	35	54	77
1	2.3	2	4.3	7*	12.6	SALUDA	SC	83	195	441	97	98
23	4.0	36	5.8	41	5.7	SPARTANBURG	SC	46	-3	42	57	69
3	2.5	7	5.6	10	5.3	SUMTER	SC	44	46	111	60	64

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
6	5.6	6	6.3	4	3.4	UNION SC	12	-46	-39	12	30
4	6.9	1	1.2	2	3.0	WILLIAMSBURG SC	-82	145	-57	06	24
12	5.1	11	4.0	22	6.7	YORK SC	-23	70	32	53	81
121	3.6	158	4.8	129	3.9	SOUTH DAKOTA SD	34	-18	9		
		1	4.5	2	7.1	AURORA SD		58			84
5	4.8	9*	8.2	5	5.3	BEADLE SD	73	-36	11	40	63
1	5.3			1	7.6	BENNETT SD			43	58	87
1	1.9	3	6.3	4	7.0	BON HOMME SD	229	10	263	93	83
1	1.1	9*	10.1	2	1.7	BROOKINGS SD	793	-83	54	63	13
11	6.8	17*	10.0	6	3.5	BROWN SD	48	-65	-48	09	30
1	2.9	2	6.9			BRULE SD	138				
		2*	44.2			BUFFALO SD					
1	2.4	5*	11.1			BUTTE SD	365				
2	3.8	2	3.9	2	4.0	CHARLES MIX SD	1	4	5	36	39
		2	4.9			CLARK SD					
		1	2.2	3	7.2	CLAY SD		232			85
4	4.1	3	2.6	1	.9	CODINGTON SD	-36	-64	-77	01	10
1	4.4	2	11.7	1	8.6	CORSON SD	169	-27	97	76	91
1	3.3	2	6.5			CUSTER SD	96				
3	3.4	6	7.3	8	10.2	DAVISON SD	114	40	201	90	95
3	4.8	3	4.3	5	8.4	DAY SD	-10	95	76	71	91
1	2.0	4*	10.5	2	7.2	DEUEL SD	431	-32	263	93	85
1	6.6					DEWEY SD					
3	9.2	2	6.2			EDMUNDS SD	-33				
		3	4.1	1	1.6	FALL RIVER SD		-60			12
				1	5.1	FAULK SD					61
3	5.4	2	3.6	2	4.5	GRANT SD	-34	25	-17	23	49
		4	10.2	1	2.2	GREGORY SD		-78			17
				2	13.3	HAAKON SD					98
		3	7.9			HAMLIN SD					
1	2.7			2	7.2	HAND SD			169	87	84
		1	4.1	1	6.2	HANSON SD		52			76
		1	7.7			HARDING SD					
4	9.3	2	3.9	2	3.6	HUGHES SD	-58	-7	-61	05	32
1	2.9			5	8.6	HUTCHINSON SD			200	90	91
2*	14.4	1	5.9	1	6.0	HYDE SD	-59	1	-58	05	73
2*	16.6	1	8.3			JACKSON SD	-50				
		1	4.8			JERAULD SD					
1	1.5	1	2.4	1	1.8	KINGSBURY SD	58	-23	22	47	13
2	3.2	2	3.0			LAKE SD	-6				
5	6.2	4	5.5	3	3.8	LAWRENCE SD	-10	-31	-38	13	35
1	1.2	2	3.4	1	1.3	LINCOLN SD	195	-61	16	43	11
1	4.3	1	4.6			LYMAN SD	6				
5*	10.3	3	6.5			MC COOK SD	-37				
4*	11.7					MC PHERSON SD					
2	4.6			1	2.8	MARSHALL SD			-39	12	22
4	5.8	1	1.7	2	2.7	MEADE SD	-70	58	-53	07	21
1	3.0	2	6.3	3*	27.9	MINER SD	111	344	838	99	99
10	2.5	19	4.8	22	4.8	MINNEHAHA SD	91	0	90	74	54
		1	2.1	4	8.5	MOODY SD		302			91
8	4.4	8	2.9	17	6.8	PENNINGTON SD	-33	132	56	64	82
2	5.3	2	9.7			PERKINS SD	82				
1	3.9			1	5.0	POTTER SD			30	52	59
4	5.4	1	1.3	3	4.2	ROBERTS SD	-76	218	-23	20	41
2	6.9			2	12.4	SANBORN SD			78	72	97
1	1.3	5	8.6	2	3.7	SPINK SD	556	-57	181	89	33
				1	9.7	STANLEY SD					93
1	7.0					SULLY SD					
2	5.0	1	2.5	1	2.1	TRIPP SD	-51	-16	-58	05	16
6*	9.7	2	3.0			TURNER SD	-69				
		1	3.4	2	3.3	UNION SD		-3			27
		4	10.3	1	1.9	WALWORTH SD		-81			14
5	5.6	4	4.5	1	1.1	YANKTON SD	-20	-75	-80	01	10
				1	18.8	ZIEBACH SD					99
609*	4.5	741*	5.0	1021*	6.0	TENNESSEE TN	10	20	32		
9	3.6	15	5.1	14	4.4	ANDERSON TN	42	-12	25	49	47
2	2.1	8	7.1	6	5.2	BEDFORD TN	240	-27	149	86	62
3	5.5	1	1.9	2	2.5	BENTON TN	-65	31	-54	06	19
		5*	13.7	3	7.0	BLEDSOE TN		-49			83
11	4.3	14	4.8	17	5.0	BLOUNT TN	10	5	15	43	58
6	3.7	6	3.2	18	7.4	BRADLEY TN	-14	133	101	77	86
5	3.2	5	4.0	6	4.0	CAMPBELL TN	26	-1	25	49	38
		4	9.7	1	1.7	CANNON TN		-83			13
6	5.2	2	2.0	9	6.4	CARROLL TN	-62	218	21	46	78
7	3.2	16*	7.9	20*	8.4	CARTER TN	150	7	167	87	91
1	2.5	5	9.5	5	7.1	CHEATHAM TN	282	-25	188	89	84
2	4.4	4	9.1	5	9.8	CHESTER TN	106	8	123	82	94
4	3.8	3	3.3	2	1.9	CLAIBORNE TN	-12	-44	-51	08	14
		1	3.1	1	3.3	CLAY TN		9			28
3	3.3	5	4.5	6	5.0	COCKE TN	38	11	53	62	58
4	4.0	11*	7.4	10	6.1	COFFEE TN	88	-18	54	63	75
4	6.1	4	6.3	7*	10.2	CROCKETT TN	3	62	68	69	95
1	1.1	6	6.4	2	1.7	CUMBERLAND TN	467	-74	46	59	13
55	4.0	61	4.0	97	6.0	DAVIDSON TN	0	48	48	60	73
1	2.9	3	6.7	7*	12.4	DECATUR TN	129	84	322	95	97
4	7.7	4	7.5	1	1.4	DE KALB TN	-4	-81	-81	00	11
3	3.4	5	5.3	9	7.2	DICKSON TN	57	37	115	80	85
8	5.8	9	6.8	9	6.5	DYER TN	17	-4	12	40	80
2	5.1	4	9.8	4	6.6	FAYETTE TN	92	-33	29	51	80
2	3.9	2	3.8	6	8.3	FENTRESS TN	-3	119	112	80	90
4	3.2	5	4.1	6	4.6	FRANKLIN TN	31	13	47	60	51
13*	6.8	11	5.4	17*	8.1	GIBSON TN	-21	51	19	45	89
5	5.1	5	4.7	4	4.1	GILES TN	-8	-14	-21	21	39
2	3.7	2	3.2	5	6.5	GRAINGER TN	-12	100	76	71	79
8	4.6	11	5.4	8	3.3	GREENE TN	18	-39	-28	17	28
2	3.1	2	4.1	3	5.1	GRUNDY TN	30	26	63	67	61

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WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
6	5.7	6	4.1	8	4.1	HAMBLEN TN	-29	1	-27	17	41
53*	6.4	44	4.7	65	6.5	HAMILTON TN	-26	38	1	34	79
1	2.3	2	6.3			HANCOCK TN	177				
5	6.7	7*	8.8	6	7.9	HARDEMAN TN	30	-10	18	44	88
4	5.2	3	3.4	6	6.1	HARDIN TN	-35	78	17	44	75
6	4.8	4	2.8	11	5.9	HAWKINS TN	-43	115	23	48	73
3	6.4	3	5.9	5	10.1	HAYWOOD TN	-8	70	56	64	94
2	2.7	2	2.5	4	4.4	HENDERSON TN	-8	74	60	66	46
5	4.4	8	7.7	6	4.1	HENRY TN	76	-47	-6	30	41
3	5.6			9*	13.9	HICKMAN TN			150	86	98
4	7.0	5	8.1	6	7.8	HUMPHREYS TN	16	-3	12	41	88
		3	5.9	4	8.0	JACKSON TN		35			89
6	7.1	4	3.8	3	2.4	JEFFERSON TN	-47	-37	-67	03	18
4	7.3	4	7.2	7*	10.9	JOHNSON TN	-2	53	49	61	96
49	5.0	70*	6.2	79*	6.4	KNOX TN	22	5	28	50	78
4*	9.6	3	9.0	2	5.4	LAKE TN	-6	-40	-44	10	64
2	3.0	7*	9.5	4	4.9	LAUDERDALE TN	217	-49	62	66	56
6	4.4	13*	9.5	12	7.7	LAWRENCE TN	115	-19	74	71	88
1	3.4	3	9.3	1	2.6	LEWIS TN	173	-72	-23	19	20
2	2.0	4	3.5	7	5.7	LINCOLN TN	75	63	186	89	70
4	3.8	7	5.9	8	5.7	LOUDON TN	55	-3	49	61	70
8	5.7	10	6.2	7	3.8	MC MINN TN	10	-39	-33	15	35
3	3.1	6	6.6	4	4.1	MC NAIRY TN	114	-38	33	53	40
1	1.6	4	5.3	8*	11.5	MACON TN	256	100	612	98	97
13	6.7	4	1.8	10	3.9	MADISON TN	-73	120	-42	11	37
4	4.4	5	5.2	5	5.1	MARION TN	20	-3	16	43	60
5	6.7	1	1.2	1	.9	MARSHALL TN	-83	-24	-87	00	10
11*	6.9	7	3.9	19*	9.5	MAURY TN	-43	144	39	56	93
				1	3.1	MEIGS TN					26
4	3.8	1	.9	7	6.1	MONROE TN	-76	557	60	66	75
9	6.2	9	5.2	16	6.8	MONTGOMERY TN	-16	31	10	39	82
		1	4.4	1	4.3	MOORE TN		-3			45
4	4.3	2	2.9	2	2.6	MORGAN TN	-33	-11	-41	11	20
3	2.2	9	6.4	12	8.0	OBION TN	195	26	272	93	69
5	6.8	1	1.4	4	4.7	OVERTON TN	-79	231	-31	16	52
1	3.6			1	3.7	PERRY TN			1	33	33
1	4.8			3	12.5	PICKETT TN			160	86	97
2	2.8	2	3.4	5	7.9	POLK TN	21	130	179	88	88
8	5.6	7	4.6	9	4.8	PUTNAM TN	-19	6	-14	25	55
2	3.0	5	6.7	6	6.1	RHEA TN	123	-9	103	78	74
6	3.5	4	2.2	12	5.7	ROANE TN	-37	158	63	67	69
6	5.4	3	2.3	11	7.6	ROBERTSON TN	-58	234	42	57	87
3	1.6	8	3.7	19	7.0	RUTHERFORD TN	135	86	339	96	83
1	1.1	6	8.4	3	3.7	SCOTT TN	671	-56	243	92	34
1	4.1	1	3.4			SEQUATCHIE TN	-17				
6	5.8	8	6.1	9	5.3	SEVIER TN	4	-14	-10	27	63
86*	5.4	100	5.6	144*	7.5	SHELBY TN	4	34	39	56	86
1	1.5	1	1.4	3	3.7	SMITH TN	-9	163	139	84	33
2	4.7	1	1.9	2	3.4	STEWART TN	-60	77	-28	17	29
15	2.9	27	5.1	41	6.7	SULLIVAN TN	76	30	129	83	81
6	4.0	13	6.2	16	5.5	SUMNER TN	55	-12	36	55	67
6	6.5	3	4.5	7	7.0	TIPTON TN	-30	53	7	38	83
2	9.3	2	9.7	2	7.1	TROUSDALE TN	3	-27	-24	19	84
4	5.8	3	4.2	3	3.6	UNICOI TN	-28	-14	-38	13	32
		1	5.8	1	4.5	VAN BUREN TN		-21			49
6	5.6	6	5.2	7	4.7	WARREN TN	-7	-9	-15	24	53
11	3.4	14	4.3	30*	7.9	WASHINGTON TN	24	84	129	83	88
2	3.1	2	3.7	1	1.6	WAYNE TN	21	-56	-47	09	12
3	2.4	8	7.0	6	4.0	WEAKLEY TN	195	-43	68	69	37
3	4.4			3	3.2	WHITE TN			-27	18	26
3	3.1	9	7.9	8	4.3	WILLIAMSON TN	155	-46	39	56	44
5	4.0	6	4.3	9	4.5	WILSON TN	6	4	11	40	48
1308	3.7	1868	4.5	2349	4.9	TEXAS TX	23	10	35		
3	2.4	6	4.4	6	4.2	ANDERSON TX	82	-5	72	70	41
		1	2.5	1	1.6	ANDREWS TX		-38			12
3	1.9	6	3.2	11	4.9	ANGELINA TX	68	55	161	87	57
		2	4.7	2	3.7	ARANSAS TX		-21			34
		1	2.6	1	3.3	ARCHER TX		25			28
1	7.3			1	6.5	ARMSTRONG TX			-11	27	80
2	2.4	3	3.1	4	4.7	ATASCOSA TX	30	50	95	76	52
		1	1.3	2	2.6	AUSTIN TX		102			20
2	6.5	3	6.4	1	2.8	BAILEY TX	-2	-56	-57	06	22
1	4.9			2	4.5	BANDERA TX			-7	29	49
2	2.7	5	6.1	5	6.4	BASTROP TX	121	5	132	83	78
2	6.9	1	3.0	3	10.5	BAYLOR TX	-57	256	52	62	95
4	4.5	2	2.3	8	8.6	BEE TX	-50	278	89	74	91
20	5.9	15	3.7	22	4.5	BELL TX	-37	19	-25	19	48
81	3.2	119	4.1	152	4.8	BEXAR TX	29	16	49	60	54
		3*	17.4	1	4.8	BLANCO TX		-72			55
1	1.9	3	6.9	2	3.0	BOSQUE TX	256	-57	54	63	24
13	5.5	11	4.3	13	4.5	BOWIE TX	-20	3	-18	22	48
8	3.1	11	2.7	22	4.4	BRAZORIA TX	-14	66	43	58	47
4	3.4	9	5.6	11	6.0	BRAZOS TX	66	8	79	72	74
		2	7.1	3	10.1	BREWSTER TX		41			94
		1	2.8	2	5.3	BROOKS TX		87			63
8	6.9	11*	10.1	7	4.1	BROWN TX	47	-60	-41	11	40
1	2.1	1	1.9	1	2.3	BURLESON TX	-8	17	7	37	17
1	1.8	3	5.2	5	4.9	BURNET TX	183	-6	167	87	57
3	4.1	4	4.9	4	4.3	CALDWELL TX	18	-11	5	36	45
2	3.6	7*	8.8	4	5.3	CALHOUN TX	141	-40	46	59	64
		1	1.3	4	8.3	CALLAHAN TX		529			90
12	2.1	24	4.0	28	4.0	CAMERON TX	90	1	91	75	38
2	6.6	1	8.0			CAMP TX	21				
4*	10.0	2	6.0			CARSON TX	-41				
7	7.9	4	4.0	5	4.0	CASS TX	-49	-1	-49	08	37
		1	6.9	3	8.4	CASTRO TX		23			91
3	8.3	5*	10.0	1	1.6	CHAMBERS TX	20	-84	-81	01	12
3	1.9	8	6.0	12	7.4	CHEROKEE TX	212	25	290	94	86

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1	2.2	1	1.9	3	6.4	CHILDPESS TX	-15	242	190	69	78
1	1.9	2	4.3	2	3.9	CLAY TX	122	-9	102	77	36
1	2.1			2	8.1	COCHPAN TX			278	93	89
		1	5.8			COKE TX					
3	3.7	5	6.6	5	7.2	COLEMAN TX	76	9	93	75	84
8	3.9	11	4.6	17	4.4	COLLIN TX	18	-6	11	40	46
		1	2.4	2	6.4	COLLINGSWOPTH TX		166			78
6	7.6	1	1.2	2	3.1	COLORADO TX	-84	159	-59	05	25
1	1.1	7	6.4	7	4.2	COMAL TX	497	-34	291	94	42
2	3.2	4	6.5	4	6.0	COMANCHE TX	104	-7	90	74	74
2	2.1	1	.9	7	5.4	COOKE TX	-56	477	156	86	64
		4	4.2	5	4.2	CORYELL TX		1			42
1	4.4	1	6.1	1	8.5	COTTLE TX	37	39	92	75	91
2	42.1					CRANE TX					
				1	6.9	CROCKETT TX					82
2	4.8			2	4.4	CROSBY TX			-9	28	47
				1	8.2	CULBERSON TX					90
3	7.2	2	5.9			DALLAM TX	-19				
145	4.8	206	5.0	250	5.5	DALLAS TX	3	11	14	42	67
		2	2.7	2	2.8	DAWSON TX		2			22
1	3.9	3	4.6	5	6.1	DEAF SMITH TX	18	34	58	65	75
3	10.9	1	2.1	2	5.1	DELTA TX	-81	140	-54	07	60
6	2.9	16	6.8	13	3.6	DENTON TX	131	-47	21	46	31
3	3.0	4	3.9	3	3.9	DE WITT TX	30	0	30	52	36
1	3.5			2	7.2	DICKENS TX			104	78	84
		3	7.5	1	2.5	DIMMIT TX		-67			19
		4*	13.9	1	5.2	DONLEY TX		-62			62
1	1.4	1	1.4	1	1.3	DUVAL TX	2	-10	-9	28	11
6	4.5	6	6.1	8	6.9	EASTLAND TX	36	12	53	62	82
7	2.6	15	4.7	21	5.3	ECTOR TX	79	12	101	77	63
2*	15.4					EDWARDS TX					
6	3.2	7	4.0	14	6.5	ELLIS TX	23	64	101	77	79
28	3.0	61	5.2	61	5.1	EL PASO TX	74	-1	72	70	61
1	1.2	7	7.8	5	4.4	ERATH TX	557	-43	273	93	47
4	4.7	4	4.4	2	2.3	FALLS TX	-7	-47	-51	08	18
6	6.4	3	2.8	5	3.9	FANNIN TX	-57	40	-40	12	36
1	1.2	4	4.5	7	6.1	FAYETTE TX	277	36	415	97	75
1	2.0	1	2.8	1	2.4	FISHER TX	37	-16	16	43	18
1	2.0	1	1.9			FLOYD TX	-7				
1	5.8					FOARD TX					
3	2.5	12	6.8	8	3.0	FORT BEND TX	172	-56	19	45	24
1	2.5			1	4.0	FRANKLIN TX			62	66	39
3	6.4	2	4.3	4	6.8	FREESTONE TX	-34	60	6	37	82
2	4.0	1	2.0	3	6.2	FRIO TX	-48	204	57	64	76
2	3.9	6*	10.0	2	3.6	GAINES TX	158	-64	-8	29	31
12	2.6	33	5.9	50*	7.3	GALVESTON TX	124	24	177	88	85
1	3.0					GARZA TX					
2	4.1	1	2.0	3	3.7	GILLESPIE TX	-52	88	-9	28	34
1	3.0			2	7.6	GOLIAD TX			151	86	87
6	6.7	2	2.8	4	5.8	GONZALES TX	-58	107	-13	25	71
		9	5.9	10	7.2	GRAY TX		21			84
11	3.2	14	3.9	18	4.4	GRAYSON TX	20	12	35	54	46
9	3.5	5	1.7	27*	8.2	GREGG TX	-51	376	134	83	90
		3	5.5	5	10.9	GRIMES TX		98			96
2	1.5	4	3.0	3	2.0	GUADALUPE TX	96	-33	31	52	15
6	3.7	8	5.0	8	5.6	HALE TX	36	12	52	62	69
4	8.3	1	2.5	1	2.1	HALL TX	-69	-18	-75	02	15
6*	12.4	4	7.6	2	2.4	HAMILTON TX	-39	-69	-81	00	18
		3	9.2			HANSFORD TX					
		3	6.3	2	3.8	HARDEMAN TX		-39			35
3	3.3	4	3.5	9	6.4	HARDIN TX	6	84	95	76	78
148	3.9	227	4.5	334	5.4	HARRIS TX	15	20	39	56	65
7	5.8	7	5.4	7	4.4	HARRISON TX	-6	-18	-23	19	47
				1	5.2	HARTLEY TX					62
2	4.1	1	1.5	2	5.0	HASKELL TX	-62	225	23	47	58
		6	6.5	8	7.5	HAYS TX		16			87
7	7.5	6	5.1	5	2.2	HENDERSON TX	-32	-58	-71	02	16
15	2.3	18	2.4	31	3.7	HIDALGO TX	2	54	57	65	33
5	4.0	5	4.4	7	5.7	HILL TX	12	29	45	59	70
3	2.7	2	1.7	6	7.0	HOCKLEY TX	-37	306	156	86	83
2	6.8	1	3.5	4	6.9	HOOD TX	-49	99	1	34	82
5	4.6	4	3.6	5	4.2	HOPKINS TX	-21	18	-7	30	43
4	5.4	1	1.1	6	6.5	HOUSTON TX	-79	483	22	47	80
4	2.8	8	4.4	9	5.4	HOWARD TX	56	23	92	75	65
		1	13.2	1	8.1	HUDSPETH TX		-39			89
5	2.8	11	5.7	18*	7.6	HUNT TX	103	35	174	88	87
7	4.9	8	5.4	8	5.6	HUTCHINSON TX	12	3	14	42	68
1	15.0					IRION TX					
1	2.3	3	6.1	1	3.4	JACK TX	169	-44	52	62	30
1	1.4			2	3.0	JACKSON TX			119	81	24
6	7.7	3	3.4	7	5.6	JASPER TX	-56	67	-27	18	68
36	4.6	45	5.1	65*	7.3	JEFFERSON TX	10	43	58	65	85
1	7.0	1	6.1			JIM HOGG TX	-13				
7	5.0	9	6.1	4	2.8	JIM WELLS TX	22	-53	-43	10	23
10	6.1	6	2.9	11	4.1	JOHNSON TX	-52	41	-33	15	40
1	.9	2	2.0	4	4.3	JONES TX	121	111	367	96	44
2	2.6	3	5.6	1	1.7	KARNES TX	115	-70	-35	14	13
3	2.7	6	4.6	4	2.3	KAUFMAN TX	72	-50	-13	25	18
2	6.9	2	4.8	1	2.2	KENDALL TX	-30	-55	-69	03	16
5	5.5	3	3.3	5	3.2	KERR TX	-39	-4	-41	11	27
3	3.6	5	4.6	5	5.6	KIMBERG TX	27	20	52	62	68
1	2.6			2	5.2	KNOX TX			100	77	62
8	4.8	10	6.9	12	7.2	LAMAR TX	45	5	51	62	85
5	8.5	8	8.6	4	4.0	LAMB TX	1	-53	-53	07	39
2	4.3	5	8.7	4	8.6	LAMPASAS TX	102	-1	100	77	91
		1	3.0	1	3.2	LA SALLE TX		5			26
5	4.6	6	5.3	3	2.5	LAVACA TX	17	-53	-45	09	20
1	2.3			1	1.9	LEE TX			-18	23	14
1	2.7	2	5.5	2	3.1	LEON TX	102	-43	15	42	25
8	7.4	9	7.4	12	7.1	LIBERTY TX	-1	-4	-4	31	84

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WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
4	5.5	3	3.3	2	3.6	LIMESTONE TX	-39	9	-34	15	32
4*	11.1	1	2.9	1	2.2	LIVE OAK TX	-74	-24	-80	01	17
		3	8.6	2	2.7	LLANO TX		-69			21
19	3.6	37	5.8	29	4.2	LUBBOCK TX	63	-28	17	44	42
1	2.1	2	3.8	3	8.4	LYNN TX	80	122	299	94	90
3	5.4	1	2.2	2	3.0	MC CULLOCH TX	-59	34	-45	09	24
24	4.1	36	5.8	28	4.2	MC LENNAN TX	40	-28	1	33	41
				2*	32.0	MC MULLEN TX					99
1	2.4	2	5.3			MADISON TX	119				
		1	5.6			MARTIN TX					
1	4.2	1	8.6	2	11.7	MASON TX	107	35	180	88	97
5	5.7	4	3.8	4	3.1	MATAGORDA TX	-33	-19	-45	09	26
1	1.4			1	1.2	MAVERICK TX			-14	25	11
2	2.2	5	5.3	8	8.2	MEDINA TX	148	54	282	94	90
1	5.8					MENARD TX					
4	1.9	10	4.2	15	4.6	MIDLAND TX	116	10	138	84	51
4	3.9	6	5.0	2	2.3	MILAM TX	29	-55	-41	11	17
1	2.2	2	5.2	1	2.3	MILLS TX	139	-55	8	38	18
3	5.0	4	8.5	1	3.4	MITCHELL TX	71	-60	-33	15	29
3	2.9	4	4.9	7	6.6	MONTAGUE TX	68	34	124	82	60
1	1.0			9	2.8	MONTGOMERY TX			177	88	21
4	10.4	2	2.7	4	6.4	MOORE TX	-74	142	-38	13	78
2	4.4	4	8.3	2	3.5	MORRIS TX	90	-58	-21	21	30
		1	5.2	2	15.4	MOTLEY TX		196			98
2	1.8	7	6.1	8	5.0	NACOGDOCHES TX	230	-18	172	87	58
2	1.4	8	6.3	8	5.9	NAVARRO TX	353	-7	321	95	72
		2	4.4	2	4.7	NEWTON TX		8			53
5	5.1	2	2.4	6	6.3	NOLAN TX	-52	157	24	48	77
26	3.2	31	3.6	51	5.5	NUECES TX	13	53	73	70	67
1	3.4	2	4.4	2	4.3	OCHILTREE TX	31	-3	28	50	45
1	9.8					OLDHAM TX					
7	3.0	19*	8.7	16	5.0	ORANGE TX	195	-43	68	69	58
3	3.0	3	3.1	5	4.5	PALO PINTO TX	1	46	47	60	48
2	3.4	1	1.3	4	4.6	PANOLA TX	-61	241	34	54	50
7	5.5	6	4.2	10	5.4	PARKER TX	-24	27	-3	32	64
		2	4.2	2	4.8	PARMER TX		14			55
1	1.6	1	2.1	1	1.9	PECOS TX	31	-10	17	44	14
3	5.1	3	5.4	3	3.0	POLK TX	7	-44	-40	11	25
12	2.2	21	4.8	19	4.8	POTTER TX	116	-1	114	80	55
				1	4.7	PRESIDIO TX					53
				2	8.0	RAINS TX					89
2	1.8	8	5.4	14	5.8	RANDALL TX	196	7	215	91	71
1	5.6	1	10.1	1	5.4	REAGAN TX	80	-47	-4	31	65
3	4.6	2	2.3	7	10.0	RED RIVER TX	-51	341	116	80	94
2	3.6	5	8.0	2	4.0	REEVES TX	124	-50	12	40	38
2	6.2	4	9.5			REFUGIO TX	53				
				1	17.7	ROBERTS TX					99
1	1.4	2	3.8	1	1.4	ROBERTSON TX	173	-63	2	34	11
2	7.7	1	3.3	1	1.8	ROCKWALL TX	-57	-45	-76	02	14
2	2.5	7*	8.6			RUNNELS TX	242				
11*	7.7	2	1.6	9	5.2	RUSK TX	-80	233	-32	16	63
2	5.4	4*	11.8	2	3.4	SABINE TX	118	-71	-37	13	29
2	6.6	1	2.9	1	1.5	SAN AUGUSTINE TX	-56	-47	-77	01	12
		1	5.9	2	4.1	SAN JACINTO TX		-31			41
2	.8	4	2.2	16	7.5	SAN PATRICIO TX	166	247	822	99	86
		1	1.5			SAN SABA TX					
		1	6.8	2	19.8	SCHLEICHER TX		190			99
3	2.9	3	4.2	5	6.0	SCURRY TX	45	45	110	79	74
7	7.0	5	7.9	5	5.4	SHELBY TX	13	-31	-22	20	66
				1	6.4	SHERMAN TX					78
11	3.7	25*	7.4	24	5.9	SMITH TX	97	-20	58	65	72
1	4.7	2	19.8	2	11.7	SOMERVELL TX	320	-41	147	85	97
2	2.9	1	1.3	3	3.2	STARR TX	-54	138	11	40	26
2	3.5	2	3.1	2	3.9	STEPHENS TX	-11	28	13	41	37
				2	16.2	STONEWALL TX					99
5*	11.5	1	2.0	3	6.9	SWISHER TX	-82	240	-40	11	82
93*	5.1	133*	5.6	161	5.6	TARRANT TX	9	1	10	39	69
11	3.2	18	4.4	27	6.6	TAYLOR TX	36	49	103	78	80
		1	9.7			TERRELL TX					
2	2.8	3	4.0	5	7.3	TERRY TX	45	82	164	87	86
				1	11.4	THROCKMORTON TX					96
1	1.3	6	7.2	11*	11.9	TITUS TX	464	65	830	99	97
16	6.0	11	3.7	15	4.4	TOM GREEN TX	-39	20	-27	18	47
21	2.9	45	5.2	54	4.8	TRAVIS TX	84	-9	67	68	54
				3	8.3	TRINITY TX					90
2	5.7	3	5.8	2	2.2	TYLER TX	1	-62	-62	04	17
4	5.0	7	7.9	3	2.4	UPSHUR TX	59	-70	-52	07	18
3	4.1	2	2.5	3	3.2	UVALDE TX	-38	26	-22	20	26
2	2.7	4	3.1	1	.7	VAL VERDE TX	14	-78	-75	02	09
3	2.4	4	3.4	12	7.8	VAN ZANDT TX	40	129	221	91	88
4	1.9	10	4.6	11	4.6	VICTORIA TX	139	0	139	84	51
3	3.9	2	2.7	2	2.4	WALKER TX	-32	-10	-38	13	19
3	9.8	1	2.8	3	6.1	WALLER TX	-72	119	-38	13	74
1	1.0	2	3.3	1	1.7	WARD TX	221	-45	67	69	13
2	2.5	1	1.5	4	4.7	WASHINGTON TX	-40	215	88	74	53
7	3.0	7	2.4	7	2.3	WEBB TX	-20	-3	-22	20	18
2	1.1	8	5.5	11	7.0	WHARTON TX	385	27	517	98	83
1	2.0	1	1.6	3	8.2	WHEELER TX	-19	402	307	95	90
20	4.5	22	4.3	16	3.3	WICHITA TX	-4	-23	-26	18	28
4	5.1	5	6.7	2	2.6	WILBARGER TX	31	-61	-49	08	20
3	3.0	2	2.1	3	4.6	WILLACY TX	-30	116	50	61	50
4	2.2	7	4.0	7	3.0	WILLIAMSON TX	81	-24	37	55	25
2	3.1	2	3.0	1	1.8	WILSON TX	-5	-37	-41	11	14
4	6.5	1	1.5	2	3.9	WINKLER TX	-76	155	-39	12	37
4	4.4	6	5.5	9	8.0	WISE TX	25	45	81	72	89
6	6.1	10*	8.5	7	5.5	WOOD TX	39	-35	-10	27	67
		1	2.6	1	2.7	YOAKUM TX		1			21
7	7.5	4	5.6	6	6.9	YOUNG TX	-25	23	-8	29	82
1	4.8			2	5.0	ZAPATA TX			4	35	57
1	2.1	2	4.1	1	1.6	ZAVALA TX	92	-60	-24	19	12

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154	4.4	175	4.4	176	3.7	UTAH UT	1	-17	-17		
1	4.1	1	4.7	4*	19.8	BEAVER UT	13	324	381	96	99
8*	8.2	1	1.0	7	5.4	BOX ELDER UT	-87	420	-34	15	65
3	1.8	10	6.8	8	4.4	CACHE UT	270	-35	139	84	47
1	1.1	1	1.0	5	6.1	CARBON UT	-9	491	439	97	74
10	4.8	11	4.6	13	3.1	DAVIS UT	-3	-34	-36	14	25
2	4.6	2	7.6	1	2.8	DUCHESNE UT	63	-63	-40	12	22
2	7.8	3	10.0	1	3.2	EMERY UT	28	-68	-59	05	26
1	3.9	2	10.8			GARFIELD UT	182				
2	9.9			2	4.8	GRAND UT			-52	07	54
		1	2.6	2	3.1	IRON UT		21			26
2	8.6	1	4.8	1	4.1	JUAB UT	-44	-15	-52	07	41
1	2.7	4	13.3	1	2.5	MILLARD UT	396	-81	-7	30	20
67	4.6	82	4.7	72	3.5	SALT LAKE UT	2	-25	-24	19	30
		1	5.8			SAN JUAN UT					
6*	9.2	4	6.4	1	1.7	SANPETE UT	-31	-74	-82	00	13
1	2.2			3	3.9	SEVIER UT			78	71	36
2	6.4	1	3.5	1	2.3	SUMMIT UT	-45	-33	-63	04	18
2	3.0	1	.9	6	6.2	TOOELE UT	-71	612	106	79	76
		3	6.6	2	3.4	UINTAH UT		-49			29
13	3.1	25	5.9	23	4.3	UTAH UT	90	-27	40	56	45
2	5.3	1	4.4	1	3.5	WASATCH UT	-17	-20	-34	15	30
1	2.1	3	5.2	3	2.8	WASHINGTON UT	150	-46	34	54	22
2*	18.4					WAYNE UT					
25*	5.6	17	3.3	19	3.4	WEBER UT	-41	3	-40	12	29
81	4.2	78	4.0	95	4.4	VERMONT VT	-5	10	4		
4	4.1	5	4.9	2	1.9	ADDISON VT	19	-62	-55	06	14
5	3.7	6	4.3	5	3.5	BENNINGTON VT	16	-18	-5	31	30
4	3.1	6	5.0	6	4.8	CALEDONIA VT	60	-4	53	63	55
11	3.4	15	4.4	15	3.6	CHITTENDEN VT	30	-18	7	37	32
				2	5.9	ESSEX VT					73
5	3.3	4	2.8	10	6.2	FRANKLIN VT	-17	126	86	73	76
				1	7.4	GRAND ISLE VT					86
1	1.3	2	3.3	6	9.7	LAMOILLE VT	154	189	633	99	93
6	6.6	4	4.7	2	2.0	ORANGE VT	-29	-59	-70	03	15
5	5.4			4	4.2	ORLEANS VT			-23	20	42
10	4.3	13	5.6	11	4.0	RUTLAND VT	30	-29	-7	30	38
12	5.4	4	1.8	14	6.1	WASHINGTON VT	-66	228	12	41	74
11*	7.0	9	5.6	2	1.2	WINDHAM VT	-21	-79	-84	00	10
7	3.4	10	4.4	15	5.9	WINDSOR VT	28	34	72	70	72
455	3.5	631	4.1	825	4.6	VIRGINIA VA	17	12	32		
2	1.7	5	4.6	5	4.7	ACCOMACK VA	176	1	178	88	52
10	4.7	10	3.7	14	5.0	ALBEMARLE#VA	-21	34	6	36	58
3	2.2	7	5.5	9	7.5	ALLEGHANY#VA	155	37	249	92	87
1	5.2			3	13.1	AMELIA VA			154	86	98
1	1.5	8*	9.3	8	8.0	AMHERST VA	519	-13	435	97	89
				2	4.6	APPOMATTOX VA					51
29	4.5	35	4.8	44	6.1	ARLINGTON#VA	6	29	37	55	75
15	4.8	12	3.7	14	3.4	AUGUSTA#VA	-22	-10	-30	17	29
1	4.0	1	4.6	1	3.0	BATH VA	13	-34	-26	18	24
12	2.9	19	4.0	28	5.1	BEDFORD#VA	38	30	79	72	61
		2	6.4			BLAND VA					
2	2.6	2	2.3	2	2.2	BOTETOURT VA	-12	-5	-17	23	17
1	2.3	2	5.4			BRUNSWICK VA	131				
3	1.2	4	2.6	6	3.7	BUCHANAN VA	111	45	206	90	34
1	2.8	1	4.3	1	2.0	BUCKINGHAM VA	51	-52	-28	17	15
1	2.8			3	7.5	CAROLINE VA			163	87	86
7	3.2	6	2.7	11	4.5	CARROLL#VA	-16	67	40	57	49
		1	17.3			CHARLES CITY VA					
1	2.5	1	2.0	6*	12.6	CHARLOTTE VA	-18	524	411	97	97
38	4.1	48	4.7	60	5.4	CHESTERFIELD#VA	16	15	33	53	66
2	7.1	2	6.0	5*	11.2	CLARKE VA	-15	84	56	64	96
		1	6.5	1	6.9	CRAIG VA		5			82
1	1.7	5	7.5	3	4.3	CULPEPER VA	348	-43	155	86	44
3	2.1	1	1.2	3	3.6	DICKENSON VA	-45	199	66	68	31
6	2.7	8	3.0	9	3.0	DINWIDDIE#VA	12	1	12	41	24
3*	14.0	1	5.3	2	5.0	ESSEX VA	-62	-5	-64	04	59
29	2.6	68	3.8	114	5.8	FAIRFAX#VA	49	53	128	82	72
2	2.5	7	7.5	5	3.9	FAUQUIER VA	207	-48	60	66	37
3	6.0	5	8.8	4	7.3	FLOYD VA	48	-17	22	47	85
				1	3.0	FLUVANNA VA					24
2	2.0	8	6.9	5	3.3	FRANKLIN VA	241	-52	64	67	28
7	4.6	3	1.6	7	3.3	FREDERICK#VA	-66	111	-28	17	28
5	6.6	2	2.6	3	3.1	GILES VA	-61	19	-53	07	25
1	2.0	2	3.8	1	1.3	GLOUCESTER VA	88	-66	-37	14	11
		1	3.6	1	2.3	GOOCHLAND VA		-37			17
2	8.3			1	3.4	GREENE VA			-59	05	29
1	4.2			3	8.0	GREENSVILLE#VA			92	75	89
5	4.6	9	7.5	10	7.8	HALIFAX#VA	63	4	69	69	88
2	2.4	2	2.1	9	4.8	HANOVER VA	-15	135	99	76	55
12	3.8	26	4.8	32	4.4	HENRICO VA	24	-9	14	42	46
7	4.9	8	3.5	15	5.9	HENRY#VA	-28	66	20	46	72
1	3.1	4	10.2	1	2.1	ISLE OF WIGHT VA	230	-80	-33	15	16
3	2.6	4	2.0	10	4.0	JAMES CITY#VA	-25	105	54	63	39
		1	5.4	2	9.6	KING AND QUEEN VA		79			93
		2	6.3	2	5.2	KING GEORGE VA		-18			61
1	4.7					KING WILLIAM VA					
1	4.5					LANCASTER VA					
4	2.6	4	3.3	5	3.9	LEE VA	27	18	50	61	36
		5	3.3	6	3.3	LOUDOUN VA		-1			27
1	2.4			1	2.2	LOUISA VA			-6	30	17
1	2.4	2	5.5			LUNENBURG VA	127				
1	3.0	2	5.8	5*	13.2	MADISON VA	95	128	344	96	98
				4	12.0	MATHEWS VA					97

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
4	4.8	2	2.3	4	3.7	MECKLENBURG VA	-52	60	-24	19	33
1	3.0	1	3.5			MIDDLESEX VA	16				
7	4.3	5	2.9	14	6.0	MONTGOMERY#VA	-32	104	39	56	73
4	8.0	2	3.5	2	5.2	NELSON VA	-56	49	-35	14	62
2	4.2	2	4.0	1	2.1	NORTHAMPTON VA	-5	-49	-51	07	16
1	4.4	2	3.7	2	5.9	NORTHUMBERLAND VA	-16	56	32	53	72
4	8.9	1	2.0	2	4.2	NOTTOWAY VA	-77	109	-52	07	43
1	1.6			3	3.7	ORANGE VA			127	82	34
1	2.2	2	2.7	2	2.0	PAGE VA	22	-24	-7	30	15
2	3.4	4	5.5	1	1.2	PATRICK VA	62	-79	-66	03	10
18	5.3	29*	7.9	14	3.5	PITTSYLVANIA#VA	50	-55	-33	15	31
1	5.5			4*	10.8	POWHATAN VA			97	76	96
1	2.3	1	2.4	1	3.9	PRINCE EDWARD VA	3	63	68	69	37
3	3.7	9	3.7	11	3.8	PRINCE WILLIAM#VA	2	1	3	35	35
3	2.7	9	6.8	7	4.5	PULASKI VA	152	-34	65	68	48
		1	4.9			RAPPAHANNOCK VA					
		2	9.3			RICHMOND VA					
26	4.3	25	3.5	38	4.7	ROANOKE#VA	-17	31	9	39	52
7	5.4	6	5.1	5	3.7	ROCKBRIDGE#VA	-7	-26	-32	16	34
5	2.6	8	3.3	15	5.1	ROCKINGHAM#VA	28	57	101	77	61
2	1.3	1	.8	1	.7	RUSSELL VA	-38	-20	-51	08	09
2	1.6	2	1.9	6	4.9	SCOTT VA	16	165	208	91	57
7	6.5	3	2.6	6	4.4	SHENANDOAH VA	-59	67	-32	16	47
8	4.6	1	.7	6	3.6	SMYTH VA	-85	424	-22	20	31
3	5.0	4	6.8	5	8.0	SOUTHAMPTON#VA	36	18	60	66	89
2	3.0	4	3.8	3	2.1	SPOTSYLVANIA#VA	28	-44	-28	17	16
3	6.1	3	3.3	3	1.8	STAFFORD VA	-46	-45	-70	03	14
1	6.1	4*	17.4	2	9.3	SUSSEX VA	188	-46	54	63	93
8	3.7	8	4.3	6	3.0	TAZEWELL VA	15	-31	-21	21	23
3	3.8			4	5.0	WARREN VA			31	52	59
7	5.0	12	5.0	10	3.4	WASHINGTON#VA	66	-32	13	41	30
1	3.1	2	6.1	3	4.1	WESTMORELAND VA	94	-33	29	51	39
8	3.7	4	2.1	7	3.7	WISE#VA	-45	77	-2	32	33
3	3.0	8	7.8	6	5.4	WYTHE VA	161	-30	82	73	66
56	3.7	78	4.2	100	4.9	CHESAPEAKE CITY#VA	14	16	31	52	56
5	2.0	17	4.8	17	4.9	HAMPTON CITY VA	143	1	146	85	56
9	3.2	15	4.7	18	5.3	NEWPORT NEWS CITY VA	48	13	66	68	63
2	2.0	7	6.6	9	7.1	SUFFOLK CITY VA	222	8	249	93	84
527	4.0	701*	4.8	967*	5.8	WASHINGTON WA	18	21	43		
2	4.6	5	11.5	4	7.4	ADAMS WA	149	-36	60	65	86
3	4.9	2	2.8	5	6.9	ASOTIN WA	-43	144	40	56	82
10	3.3	7	2.4	13	3.2	BENTON WA	-27	32	-4	32	26
16*	7.8	11	5.1	16	7.2	CHELAN WA	-35	41	-8	29	85
4	2.7	9	5.4	13	5.0	CLALLAM WA	105	-9	87	73	57
21	4.8	28	5.4	29	4.2	CLARK WA	11	-21	-13	25	43
2	7.1	1	6.3			COLUMBIA WA	-12				
8	3.2	14	4.4	16	4.5	COWLITZ WA	41	1	42	57	48
3	4.8	5	5.9	8	8.9	DOUGLAS WA	21	51	84	73	92
1	4.0					FERRY WA					
6	5.3	3	2.8	3	3.9	FRANKLIN WA	-47	39	-27	18	36
1	6.3			1	5.7	GARFIELD WA			-9	28	70
8	5.4	5	3.0	16	7.5	GRANT WA	-45	151	39	56	86
12	4.1	11	3.5	15	4.7	GRAYS HARBOR WA	-16	35	13	42	52
2	1.9	9*	8.7	7	4.3	ISLAND WA	351	-51	120	81	44
1	2.1	3	4.0	5	6.4	JEFFERSON WA	91	59	204	90	78
177	4.4	247*	5.3	331*	6.5	KING WA	21	22	48	60	80
16	3.9	19	4.1	33	5.9	KITSAP WA	5	45	52	62	73
2	1.8	5	4.8	10	8.8	KITTITAS WA	167	84	392	97	92
		1	1.4	7	8.7	KLICKITAT WA		511			92
12	5.3	10	4.3	14	5.1	LEWIS WA	-20	18	-5	31	60
2	3.2	2	3.0	4	5.8	LINCOLN WA	-7	91	78	71	71
1	1.0	7	7.8	13*	8.9	MASON WA	687	15	803	99	92
5	3.6	4	3.2	10	7.1	OKANOGAN WA	-13	123	95	76	83
7	8.4	6	6.9	4	3.9	PACIFIC WA	-17	-44	-54	06	36
2	6.4	3	7.8	2	4.2	PEND OREILLE WA	22	-47	-35	14	42
43	2.9	66	4.2	117*	6.4	PIERCE WA	47	52	124	82	79
				1	1.8	SAN JUAN WA					13
5	1.8	16	5.8	16	5.3	SKAGIT WA	223	-8	198	90	64
1	3.1			1	2.5	SKAMANIA WA			-19	22	20
30	4.1	50	5.1	63	5.1	SNOHOMISH WA	24	-1	23	47	60
54	4.3	61	4.5	91*	6.2	SPOKANE WA	6	37	45	59	76
4	4.6	2	1.9	5	5.0	STEVENS WA	-57	158	10	39	58
10	4.2	16	5.3	14	3.3	THURSTON WA	26	-38	-22	20	27
		1	5.0	1	5.4	WAHKIAKUM WA		9			65
7	3.3	15	6.8	14	6.5	WALLA WALLA WA	104	-5	94	76	79
17	4.8	14	3.8	21	4.8	WHATCOM WA	-21	27	1	33	54
6	4.1	6	3.6	11	7.8	WHITMAN WA	-11	115	91	74	88
26	3.8	37	5.3	33	4.5	YAKIMA WA	39	-15	18	45	48
283	3.2	340	4.0	347	3.9	WEST VIRGINIA WV	24	-2	22		
2	2.1	2	2.4	2	2.2	BARBOUR WV	11	-6	4	36	17
5	3.0	4	2.1	6	2.8	BERKELEY WV	-29	30	-8	29	21
1	.9	7	5.3	7	5.1	BOONE WV	483	-5	454	98	60
1	1.4	5	7.1	4	4.3	BRAXTON WV	401	-40	201	90	44
2	1.6	5	3.7	6	4.2	BROOKE WV	134	13	163	87	41
15	3.0	21	4.1	28	5.6	CABELL WV	36	36	85	73	68
1	2.2	2	5.0			CALHOUN WV	125				
5	8.0			4	8.3	CLAY WV			4	35	90
		1	3.1	2	5.0	DODDRIDGE WV		63			59
11	3.8	9	3.7	9	3.2	FAYETTE WV	-3	-15	-17	23	26
		2	4.6	2	5.5	GILMER WV		21			67
1	2.3	2	4.4	2	4.5	GRANT WV	91	2	95	76	49
6	3.6	3	1.8	6	3.4	GREENBRIER WV	-49	85	-6	30	29
3	4.9	1	1.7	2	2.8	HAMPSHIRE WV	-66	70	-42	11	23
7	3.8	7	3.7	10	5.3	HANCOCK WV	-4	44	39	56	64
2	4.0	3	5.9	1	2.1	HARDY WV	47	-65	-49	08	16
8	2.0	15	3.8	16	4.0	HARRISON WV	89	4	98	76	38

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
4	5.1	3	3.0	5	4.4	JACKSON WV	-41	43	-15	24	46
1	1.1	1	1.1	2	1.6	JEFFERSON WV	6	36	44	59	12
30	2.7	53	5.0	43	4.2	KANAWHA WV	83	-16	53	63	42
3	2.4	6	5.2	4	3.8	LEWIS WV	117	-27	58	65	35
1	1.0	2	2.3	1	1.0	LINCOLN WV	122	-56	-2	32	10
6	2.2	6	2.6	5	2.3	LOGAN WV	17	-11	4	35	18
13	4.4	13	5.7	8	4.3	MC DOWELL WV	32	-26	-3	32	43
12	3.6	15	4.5	19	5.7	MARION WV	26	25	58	65	69
7	3.6	8	4.1	10	5.1	MARSHALL WV	13	26	42	58	60
4	4.0	3	3.0	3	2.3	MASON WV	-24	-24	-42	11	18
13	4.7	11	3.8	14	4.5	MERCER WV	-18	17	-4	31	48
2	2.0	6	5.4	3	2.5	MINERAL WV	168	-54	22	47	19
3	1.4	2	1.3	7	4.6	MINGO WV	-3	246	236	92	51
9	3.2	14	5.5	6	2.3	MONONGALIA WV	73	-58	-28	17	18
2	3.8	2	3.1	2	3.0	MONROE WV	-18	-4	-21	21	24
2	5.1	1	2.2	1	1.9	MORGAN WV	-56	-14	-63	04	14
1	.8	6	5.1	5	4.3	NICHOLAS WV	538	-15	442	98	46
14	3.9	14	4.1	14	4.7	OHIO WV	5	12	18	44	52
2	4.3	3	8.0	1	3.3	PENDLETON WV	85	-58	-23	20	28
7*	21.7			4	9.8	PLEASANTS WV			-55	06	94
		2	5.1	2	4.2	POCAHONTAS WV		-17			43
4	2.7	7	5.0	7	4.8	PRESTON WV	86	-3	81	72	55
5	5.5	3	2.5	7	4.6	PUTNAM WV	-55	85	-17	23	51
13	3.8	12	3.9	8	2.2	RALEIGH WV	4	-44	-42	11	17
3	2.3	6	4.9	4	2.6	RANDOLPH WV	108	-47	11	40	20
2	3.7	1	2.0	2	2.8	RITCHIE WV	-46	38	-26	18	21
3	3.4	4	5.3	1	1.6	ROANE WV	56	-69	-52	07	12
6	7.6	2	4.0	3	4.0	SUMMERS WV	-47	-1	-48	09	37
2	2.9	5	7.2	2	3.3	TAYLOR WV	146	-54	12	41	28
2	3.6	2	4.8	4	8.9	TUCKER WV	35	85	149	86	92
		1	1.5	3	6.1	TYLER WV		318			75
6	6.4	1	1.2	1	1.2	UPSHUR WV	-82	6	-81	01	11
6	3.4	8	4.5	5	2.5	WAYNE WV	33	-45	-27	18	19
2	3.0	1	1.6	3	7.0	WEBSTER WV	-47	333	129	83	83
6	6.1	1	1.2	3	2.9	WETZEL WV	-81	144	-53	07	23
1	4.3	1	4.0			WIRT WV	-8				
13	3.8	19	5.0	23	5.6	WOOD WV	30	12	45	59	68
3	1.9	6	4.3	5	3.5	WYOMING WV	122	-18	81	72	30
813*	4.3	916	4.5	1136*	5.3	WISCONSIN WI	5	17	24		
		1	2.0	1	1.3	ADAMS WI		-38			11
5	4.9	5	5.2	1	1.7	ASHLAND WI	5	-68	-66	03	13
7	4.9	5	2.5	10	5.3	BARRON WI	-50	115	8	38	63
1	1.7	2	2.2	4	6.6	BAYFIELD WI	30	194	282	94	80
21	4.2	38	6.4	47*	6.4	BROWN WI	53	1	54	63	78
7*	9.1	3	4.0	4	4.9	BUFFALO WI	-57	23	-47	09	56
2	3.6	2	2.7	3	5.4	BURNETT WI	-25	100	50	61	65
3	2.8	7	6.2	5	3.5	CALUMET WI	123	-43	26	50	31
3	1.3	9	3.8	10	3.9	CHIPPEWA WI	187	4	198	90	37
8	4.6	12	6.7	8	4.1	CLARK WI	46	-39	-10	27	40
12	5.9	4	2.0	12	5.4	COLUMBIA WI	-66	169	-8	29	66
2	2.2	2	2.0	8	9.5	CRAWFORD WI	-11	377	325	95	93
42	4.6	63*	6.0	46	4.1	DANE WI	31	-31	-10	28	41
13	4.0	16	4.6	16	4.2	DODGE WI	13	-7	4	35	43
4	3.3	7	6.3	4	3.3	DOOR WI	88	-47	-1	33	28
8	3.4	11	4.5	20*	8.4	DOUGLAS WI	33	89	151	86	91
6	4.1	7	4.8	10	6.7	DUNN WI	19	39	65	67	81
11	3.8	10	3.4	15	4.5	EAU CLAIRE WI	-10	34	20	46	50
1	4.8	2	10.4	2	6.3	FLORENCE WI	117	-40	31	52	77
11	3.1	15	4.1	17	4.2	FOND DU LAC WI	31	2	33	53	42
3	6.4	4	9.3	1	1.7	FOREST WI	46	-81	-73	02	13
9	4.2	11	5.1	15	5.9	GRANT WI	20	17	40	56	72
7	4.9	7	5.1	12	8.1	GREEN WI	4	60	66	68	89
2	2.3	5	5.9	8	7.1	GREEN LAKE WI	156	20	206	90	83
3	3.1	3	2.9	5	4.8	IOWA WI	-7	69	57	64	55
3	10.6	1	3.0	2	3.4	IRON WI	-72	14	-68	03	29
3	3.3	3	4.1	4	4.9	JACKSON WI	25	19	48	60	56
7	2.9	8	2.9	13	4.2	JEFFERSON WI	2	44	46	59	42
2	2.1	3	3.0	3	2.9	JUNEAU WI	43	-4	37	55	23
30*	6.6	22	4.4	33	5.9	KENOSHA WI	-33	34	-10	27	72
2	2.4	5	4.9	12*	11.4	KEWAUNEE WI	106	131	376	96	96
10	2.9	10	2.7	21	5.4	LA CROSSE WI	-6	101	89	74	66
		5	5.5	4	4.3	LAFAYETTE WI		-20			46
3	2.9	8	8.1	3	2.2	LANGLADE WI	175	-73	-26	18	16
8	6.4	7	5.2	8	5.7	LINCOLN WI	-18	9	-10	27	70
14	3.5	22	5.4	26	6.5	MANITOWOC WI	54	22	87	74	80
14	3.3	23	5.0	27	5.5	MARATHON WI	51	10	67	68	67
10	5.1	6	4.5	10	4.5	MARINETTE WI	-11	-1	-12	26	48
1	2.4	1	1.2	3	5.6	MARQUETTE WI	-49	351	131	83	68
17	5.6	16	5.2	19	5.3	MENOMINEE#WI	-6	1	-5	31	64
223*	4.7	219	4.5	238	5.4	MILWAUKEE WI	-4	20	15	43	66
6	3.4	7	4.1	12	7.0	MONROE WI	22	69	107	79	83
11*	9.4	7	4.8	7	4.7	ONEIDA WI	-49	-4	-50	08	52
15	3.5	19	4.0	30	5.8	OUTAGAMIE WI	15	45	66	68	71
6	3.4	4	1.7	15	5.7	OZAUKEE WI	-50	232	67	69	70
		1	2.3	3	9.3	PEPIN WI		311			93
4	3.2	8	7.0	10	8.1	PIERCE WI	120	15	153	86	89
3	2.4	9	5.8	7	4.7	POLK WI	141	-20	93	75	52
14*	7.9	10	5.1	8	3.6	PORTAGE WI	-36	-28	-54	06	33
6	9.1	3	2.7	3	3.0	PRICE WI	-71	12	-67	03	24
33	5.4	33	4.7	35	4.9	RACINE WI	-13	3	-11	27	56
2	2.2	7	7.3	6	6.3	RICHLAND WI	235	-14	190	89	77
22	4.3	31	5.4	32	5.4	ROCK WI	24	0	24	49	65
6	7.4	4	4.9	4	4.3	RUSK WI	-34	-11	-41	11	45
5	3.5	5	3.0	9	5.0	ST CROIX WI	-15	67	42	58	59
2	1.0	4	2.0	6	2.7	SAUK WI	112	31	177	88	21
3	5.4			2	2.8	SAWYER WI			-47	09	23
20	4.3	16	3.5	23	4.6	SHEBOYGAN WI	-20	34	7	38	52
1	.8	4	4.2	6	5.8	TAYLOR WI	420	38	620	98	71

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
8	6.2	2	1.4	11	8.5	TREMPEALEAU WI	-77	501	38	55	91
10	6.5	6	4.6	10	6.2	VERNON WI	-30	35	-5	31	76
2	3.5	4	5.3	4	4.3	VILAS WI	49	-18	22	47	45
7	2.8	12	4.2	10	2.8	WALWORTH WI	52	-33	1	34	22
2	3.5	6*	11.0	6	10.4	WASHBURN WI	216	-5	199	90	95
13	6.2	11	4.4	16	5.3	WASHINGTON WI	-28	19	-14	24	63
27	4.4	46	5.2	68	6.7	WAUKESHA WI	19	29	53	63	81
8	4.1	7	3.4	13	6.3	WAUPACA WI	-16	86	56	64	77
3	4.1	1	1.6	5	5.2	WAUSHARA WI	-62	232	28	50	62
26	4.9	25	4.5	48*	8.1	WINNEBAGO WI	-9	80	63	67	89
10	3.5	14	5.1	17	5.3	WOOD WI	43	3	48	60	63
46	2.9	49	3.0	74	4.3	WYOMING WY	6	43	51		
2	2.1	2	2.2	4	4.6	ALBANY WY	5	109	120	81	51
1	1.6	5	8.4	1	1.3	BIG HORN WY	415	-84	-18	22	11
		1	2.8	2	5.9	CAMPBELL WY		108			72
		2	2.6	2	2.6	CARBON WY		-1			20
1	3.1	1	3.4	3	7.2	CONVERSE WY	11	113	137	84	85
1	4.4	1	3.7	2	8.2	CROOK WY	-16	122	87	73	90
3	3.3	1	.7	8	6.8	FREMONT WY	-79	872	107	79	82
1	1.8	1	1.4	6	10.1	GOSHEN WY	-21	626	475	98	94
				1	4.1	HOT SPRINGS WY					41
4*	14.1			1	2.8	JOHNSON WY			-80	01	23
9	3.4	11	4.0	19	7.2	LARAMIE WY	16	82	112	80	85
1	1.9	1	2.2			LINCOLN WY	15				
4	2.5	10	4.1	8	3.5	NATRONA WY	64	-14	42	57	31
1	4.2			1	8.6	NIOBRARA WY			107	79	91
1	1.3			3	2.5	PARK-TETON#WY			96	76	19
2	4.0			3	5.8	PLATTE WY			45	59	72
2	1.7	6	5.9	2	1.8	SHERIDAN WY	245	-69	6	37	13
1	4.2	2	12.9			SUBLETTE WY	206				
4	3.5	2	3.0	4	2.4	SWEETWATER WY	-15	-18	-31	16	19
5*	12.6	1	2.5	2	4.6	UINTA WY	-81	85	-64	04	50
3	7.0	2	4.9	1	2.4	WASHAKIE WY	-29	-51	-65	04	19

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
19886	2.6	25563	2.9	34189	3.3	UNITED STATES	10	15	27		
317*	3.0	367	2.9	516	3.4	ALABAMA AL	-2	16	13		
3	5.4	3	4.7			AUTAUGA AL	-14				
7	4.3	3	1.3	17	5.4	BALDWIN AL	-69	300	24	50	87
3	4.6	1	1.4	2	2.5	BARBOUR AL	-70	82	-45	12	38
1	1.8			2	3.3	BIBB AL			84	72	56
2	1.6	5	3.7	6	3.4	BLOUNT AL	139	-10	116	78	58
		2	12.7			BULLOCK AL					
1	1.4	3	3.0	4	4.3	BUTLER AL	121	41	212	89	76
10	3.0	13	3.3	21	4.4	CALHOUN AL	12	31	47	59	77
4	2.8	2	1.3	2	1.5	CHAMBERS AL	-51	11	-46	11	20
5*	6.8	4	5.3	4	5.1	CHEROKEE AL	-22	-4	-25	21	85
3	2.8	3	2.6	5	4.1	CHILTON AL	-6	58	49	60	73
1	2.2			1	1.8	CHOCTAW AL			-16	26	24
		4	5.3	3	3.3	CLARKE AL		-37			57
1	1.6			1	1.2	CLAY AL			-25	21	17
2	4.1	1	1.8	4	6.1	CLEBURNE AL	-56	242	50	60	91
2	1.7	1	.8	4	2.1	COFFEE AL	-53	162	23	49	28
7	4.5	2	1.1	9	3.6	COLBERT AL	-76	238	-19	25	64
1	1.6	1	1.9	2	4.3	CONECUH AL	16	126	161	85	76
3*	7.9			1	2.8	COOSA AL			-64	05	45
3	1.5	4	2.4	9	4.5	COVINGTON AL	57	86	191	87	79
		2	4.9	2	2.4	CRENSHAW AL		-51			34
6	3.0	13*	5.2	4	1.2	CULLMAN AL	70	-77	-61	06	17
6*	6.4	1	.6	7	4.0	DALE AL	-91	575	-38	14	71
4	3.7	4	3.3	3	1.9	DALLAS AL	-13	-41	-48	10	25
5	2.3	6	2.9	7	2.4	DE KALB AL	24	-17	3	37	35
3	2.8	5	4.6	9	5.0	ELMORE AL	68	8	82	71	84
2	2.0	2	1.6	5	4.1	ESCAMBIA AL	-21	155	103	76	72
16	3.9	11	2.4	14	2.6	ETOWAH AL	-38	8	-32	17	40
2	2.6	2	2.9	6	6.3	FAYETTE AL	11	120	144	83	92
2	1.8	5	4.5	6	4.2	FRANKLIN AL	152	-6	136	82	75
		2	1.7	5	4.4	GENEVA AL		154			77
		1	7.0			GREENE AL					
		1	2.6			HALE AL					
4	2.3	4	1.9	5	1.8	HOUSTON AL	-18	-7	-24	22	23
3	1.5	4	2.1	6	2.8	JACKSON AL	39	32	83	72	43
71*	3.7	70	3.0	105	3.9	JEFFERSON AL	-19	31	6	39	70
2	2.9	4	6.3	4	4.7	LAMAR AL	116	-25	62	65	82
5	2.7	10	3.5	8	2.0	LAUDERDALE AL	30	-44	-27	20	26
2	2.8	3	2.9	3	2.3	LAWRENCE AL	4	-20	-17	26	32
1	1.2	4	2.6	10	4.7	LEE AL	123	83	308	94	82
8*	6.2	7	4.6	1	.6	LIMESTONE AL	-25	-88	-91	00	13
				2	5.4	MACON AL					88
13	3.8	13	2.4	29	4.3	MADISON AL	-38	79	11	42	76
		3	5.4	1	1.6	MARENGO AL		-69			22
1	.9	1	.8	4	2.5	MARION AL	-10	213	183	87	37
3	1.4	7	2.6	16	4.6	MARSHALL AL	68	74	227	90	80
25	3.0	45*	4.5	41	3.4	MOBILE AL	50	-23	15	44	60
5*	8.2			2	2.7	MONROE AL			-66	04	43
14	3.2	13	2.4	21	3.4	MONTGOMERY AL	-26	43	6	39	59
7	3.4	8	2.6	11	2.9	MORGAN AL	-22	11	-14	28	47
2	6.6					PERRY AL					
		2	2.9	4	4.6	PICKENS AL		55			80
2	2.4	1	1.6	4	3.1	PIKE AL	-34	90	25	50	51
1	1.0	3	2.6			RANDOLPH AL	158				
8*	7.5	7	5.6	7	4.7	RUSSELL AL	-26	-15	-37	15	82
3	2.9	6	5.3	6	3.5	ST CLAIR AL	83	-34	20	47	60
5	4.6	6	4.4	7	3.6	SHELBY AL	-5	-18	-21	23	63
1	4.0					SUMTER AL					
4	2.2	9	3.7	11	4.0	TALLADEGA AL	71	9	87	73	72
3	2.5	4	3.0	5	2.8	TALLAPOOSA AL	22	-5	15	45	45
9	2.7	11	2.6	17	3.6	TUSCALOOSA AL	-5	40	33	54	62
6	2.3	11	4.1	14	4.5	WALKER AL	77	11	96	74	79
1	2.0	2	4.0	1	1.5	WASHINGTON AL	98	-64	-28	20	19
		1	4.1	1	3.2	WILCOX AL		-22			54
3	3.5	1	1.3	5	5.0	WINSTON AL	-65	301	42	57	85
		16	2.0	25	4.2	ALASKA AK		107			
101	2.4	147	2.1	292	2.7	ARIZONA AZ	-11	27	13		
5	2.5	5	1.9	9	2.8	COCHISE AZ	-26	49	10	41	44
		2	1.2	5	4.1	COCONINO AZ		225			72
3	2.7	2	1.7	3	1.9	GILA AZ	-37	10	-31	18	25
		1	1.7	1	1.2	GRAHAM AZ		-29			17
1	1.3			1	2.6	GREENLEE AZ			102	76	40
57	2.8	84	2.2	163	2.7	MARICOPA AZ	-22	20	-7	32	41
2	5.2	1	1.8	7	2.7	MOHAVE AZ	-65	51	-48	10	43
2	2.3	1	.9	3	2.2	NAVAJO AZ	-61	146	-5	32	29
23	2.3	36	2.4	75	3.2	PIMA AZ	5	32	39	56	54
1	.5	4	1.7	5	1.4	PINAL AZ	216	-15	170	86	19
		1	1.2	2	2.5	SANTA CRUZ AZ		102			37
2	2.0	3	1.4	15	3.1	YAVAPAI AZ	-29	117	54	62	50
5	2.3	7	3.1	3	.9	YUMA AZ	36	-71	-61	06	15
170	2.3	176	2.1	293	2.8	ARKANSAS AR	-8	32	22		
5	5.3	3	3.2	2	1.6	ARKANSAS AR	-41	-50	-70	02	21
2	2.6	1	1.2	4	4.4	ASHLEY AR	-53	264	72	68	78
				1	.8	BAXTER AR					14
2	.9	1	.5	3	.7	BENTON AR	-50	53	-23	22	14
2	2.1	4	4.1	3	2.4	BOONE AR	96	-43	11	42	34
1	1.7	2	3.3	1	2.9	BRADLEY AR	88	-11	68	67	47
1	4.6	1	3.0			CALHOUN AR	-35				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
2	3.2	1	.9	2	2.4	CARROLL	AR	-72	164	-26	21	34
1	1.7	1	2.1			CHICOT	AR	22				
1	1.2	2	2.4	3	3.3	CLARK	AR	96	37	168	86	56
3	2.7	2	1.7	8	4.9	CLAY	AR	-38	198	85	72	84
1	1.9			1	.9	CLEBURNE	AR			-50	09	15
		3*	11.1	1	2.4	CLEVELAND	AR		-78			35
3	3.1	2	2.1	4	3.5	COLUMBIA	AR	-32	64	12	43	60
4	5.9			4	3.7	CONWAY	AR			-37	14	64
4	1.8	6	2.5	16*	5.5	CRAIGHEAD	AR	40	123	212	89	89
4	3.4	5	3.7	7	4.2	CRAWFORD	AR	8	15	24	50	75
2	2.3	5	5.4	3	2.8	CRITTENDEN	AR	135	-48	23	49	45
1	1.2	1	1.3	2	2.9	CROSS	AR	10	126	148	84	47
2	4.4			3	8.6	DALLAS	AR			96	74	97
1	1.8			1	1.3	DESHA	AR			-27	20	18
1	1.9			2	3.8	DREW	AR			98	75	68
		2	1.5	9	4.9	FAULKNER	AR		226			84
1	1.5	1	2.1	2	2.4	FRANKLIN	AR	39	11	54	62	34
		1	2.0	2	2.7	FULTON	AR		35			42
3	1.3	6	2.1	21*	4.8	GARLAND	AR	62	136	282	94	83
		1	2.2	2	4.2	GRANT	AR		91			75
2	1.8	4	3.4	5	3.2	GREENE	AR	97	-7	83	71	54
1	1.2	2	3.0			HEMPSTEAD	AR	140				
3	3.5	3	2.8	4	2.8	HOT SPRING	AR	-18	-2	-20	24	44
1	1.6			1	1.1	HOWARD	AR			-31	18	17
6	5.2	1	.6	5	3.8	INDEPENDENCE	AR	-88	501	-28	19	66
1	1.8					IZARD	AR					
1	.9	4	4.2	6	5.1	JACKSON	AR	377	21	475	98	85
4	2.0	4	1.6	11	4.1	JEFFERSON	AR	-21	157	104	76	73
1	2.4			1	.7	JOHNSON	AR			-73	02	13
1	2.4			1	2.6	LAFAYETTE	AR			7	40	39
		1	.9	5	4.3	LAWRENCE	AR		369			76
1	2.1	3	7.7	2	5.3	LEE	AR	263	-31	150	84	87
2	6.4			2	5.4	LINCOLN	AR			-16	27	88
1	2.8	2	5.1	1	2.0	LITTLE RIVER	AR	81	-61	-30	19	26
2	2.0	5	5.1	6	3.6	LOGAN	AR	152	-29	79	70	63
3	2.9	1	1.1	3	2.4	LONOKE	AR	-61	108	-19	25	34
2	4.7					MADISON	AR					
2	1.6	4	2.8	3	1.7	MILLER	AR	77	-39	8	41	23
7	2.6	4	1.7	9	3.7	MISSISSIPPI	AR	-36	123	43	57	66
		2	7.5			MONTGOMERY	AR					
1	2.8			4	6.6	NEVADA	AR			139	82	93
1	2.9			1	2.5	NEWTON	AR			-14	27	38
4	4.4			1	.7	OUACHITA	AR			-85	00	14
				1	2.2	PERRY	AR					31
1	1.0	7*	7.4	3	3.1	PHILLIPS	AR	659	-58	217	90	51
2	4.3			2	3.8	PIKE	AR			-11	29	67
3	1.8	5	3.9	6	4.7	POINSETT	AR	118	22	166	86	82
		5	5.9	3	2.8	POLK	AR		-53			44
		3	2.2	1	.6	POPE	AR		-73			13
				2	3.1	PRAIRIE	AR					51
25	2.8	19	1.7	26	1.9	PULASKI	AR	-37	12	-30	19	26
2	2.4	1	1.1	3	3.5	RANDOLPH	AR	-54	218	45	58	61
2	3.2	4	5.1	4	4.7	ST FRANCIS	AR	57	-7	46	59	82
5	4.1	3	1.9	7	3.0	SALINE	AR	-54	63	-25	21	49
1	1.9			1	1.8	SCOTT	AR			-8	31	23
		3	6.3	1	1.5	SEARCY	AR		-75			21
9	2.7	8	2.2	14	3.2	SEBASTIAN	AR	-19	46	18	46	54
				2	4.6	SHARP	AR					60
2	6.1			1	1.6	STONE	AR			-73	01	22
5	3.1	8	4.0	10	4.0	UNION	AR	28	0	28	51	70
2	5.3	4*	9.3	2	1.9	VAN BUREN	AR	75	-80	-64	05	25
10	4.1	7	2.3	13	2.9	WASHINGTON	AR	-44	25	-31	18	46
3	1.6	3	1.4	10	3.4	WHITE	AR	-14	153	118	79	59
1	1.6					WOODRUFF	AR					
3	4.1	5*	6.6	3	3.0	YELL	AR	61	-53	-25	21	50
1772*	2.8	2542*	3.1	3575*	3.6	CALIFORNIA	CA	9	18	29		
108	2.8	134	3.1	162	3.7	ALAMEDA	CA	10	19	31	53	64
2	4.8			5	4.1	AMADOR	CA			-15	27	73
9	2.3	16	3.1	23	3.4	BUTTE	CA	37	10	50	61	59
1	2.0	2	2.4	1	.7	CALAVERAS	CA	21	-72	-67	04	13
		4	6.2	3	4.1	COLUSA	CA		-33			73
50	3.5	63	3.1	83	3.1	CONTRA COSTA	CA	-12	-1	-13	28	51
1	2.1	2	2.8	2	2.0	DEL NORTE	CA	33	-28	-5	33	27
3	2.9	9	4.8	12	3.7	EL DORADO	CA	64	-22	28	52	65
36	2.5	44	2.5	75	3.8	FRESNO	CA	0	51	51	61	67
1	1.3	4	4.6	6	5.7	GLENN	CA	265	23	351	96	89
9	2.1	9	1.9	13	2.6	HUMBOLDT	CA	-10	38	25	50	40
4	2.2	6	2.2	16*	5.3	IMPERIAL	CA	3	136	144	83	86
		6*	8.1	4	4.1	INYO	CA		-49			73
43*	3.7	44	3.1	62	3.9	KERN	CA	-15	24	5	39	69
6	3.4	8	3.5	9	3.4	KINGS	CA	2	-1	2	37	59
4	8.2	1	1.2	5	1.5	LAKE	CA	-85	29	-81	00	21
1	1.1	3	4.3	3	3.3	LASSEN	CA	294	-23	204	68	57
769*	3.1	1008*	3.2	1300*	4.0	LOS ANGELES	CA	5	25	31	53	71
4	2.5	2	1.0	9	3.6	MADERA	CA	-59	246	42	57	62
13	2.4	33	4.0	57*	5.2	MARIN	CA	68	32	122	79	86
				2	2.7	MARIPOSA	CA					42
6	2.5	3	1.2	8	2.7	MENDOCINO	CA	-53	130	8	40	41
6	2.0	10	2.5	18	3.9	MERCED	CA	26	52	92	73	69
				2	5.8	MODOC	CA					90
6	1.0	22	2.6	42	4.0	MONTEREY	CA	144	56	280	93	71
7	2.4	7	1.8	13	2.6	NAPA	CA	-24	41	7	40	39
1	.9	4	2.8	8	3.1	NEVADA	CA	219	11	254	92	51
51	2.2	153	3.2	251	3.4	ORANGE	CA	47	5	54	62	59
9	3.7	3	.8	18	3.6	PLACER	CA	-78	332	-4	33	62
		2	3.1	3	4.2	PLUMAS	CA		36			75
34	2.6	58	2.9	97	3.1	RIVERSIDE	CA	9	9	19	47	52
45	2.8	63	2.5	122	3.9	SACRAMENTO	CA	-12	56	38	55	70

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
2	2.8	1	1.1	1	1.2	SAN BENITO CA	-60	2	-59	07	17
33	1.7	88	3.2	120	3.3	SAN BERNARDINO CA	82	3	87	73	55
136*	3.9	210*	4.0	234	3.2	SAN DIEGO CA	2	-20	-19	25	53
113	2.9	135*	3.6	135*	4.2	SAN FRANCISCO CA	23	18	45	58	75
19	1.9	33	2.8	40	2.8	SAN JOAQUIN CA	50	-1	47	59	43
9	2.7	8	1.7	17	2.4	SAN LUIS OBISPO CA	-37	44	-9	30	35
45	2.6	73	3.1	96	3.3	SAN MATEO CA	16	10	27	51	57
10	1.5	26	2.4	42	3.2	SANTA BARBARA CA	61	34	117	79	54
50	2.3	110	3.1	169	3.6	SANTA CLARA CA	33	16	54	62	62
11	2.9	12	2.2	30	3.4	SANTA CRUZ CA	-24	57	19	47	60
3	1.4	9	2.7	17	3.5	SHASTA CA	91	30	149	84	61
2	1.6	7	4.0	7	3.5	SISKIYOU CA	158	-12	126	80	61
10	2.4	10	1.7	29	4.0	SOLANO CA	-30	132	62	65	70
10	1.5	18	1.9	46	3.1	SONOMA CA	31	62	113	78	52
23	3.2	23	2.6	35	3.0	STANISLAUS CA	-18	15	-5	32	49
5	3.6	2	1.3	10	4.6	SUTTER CA	-64	254	27	51	81
4	3.8	4	2.7	2	1.3	TEHAMA CA	-29	-51	-65	04	19
1	2.7					TRINITY CA					
13	1.8	23	2.7	26	2.7	TULARE CA	56	-2	54	62	42
2	2.6	5	5.1	4	2.5	TUOLUMNE CA	96	-51	-5	33	37
17	2.3	11	.9	62	5.3	VENTURA CA	-62	285	45	58	56
3	1.0	8	2.2	16	4.1	YOLO CA	117	85	301	94	72
2	1.9	3	2.1	3	1.6	YUBA CA	15	-23	-12	28	22
205	2.7	224	2.4	342	3.0	COLORADO CO	-11	22	9		
8	2.4	16	2.9	25	3.1	ADAMS CO	18	10	30	52	52
2	4.4	3	5.8	2	4.1	ALAMOSA CO	31	-29	-7	32	73
1	6.4					ARCHULETA CO					
1	3.5	1	3.5			BACA CO	1				
		1	3.0	1	4.1	BENT CO		37			72
16*	5.2	14	3.3	22	3.3	BOULDER CO	-36	0	-36	15	56
1	2.5	1	2.1	2	3.1	CHAFFEE CO	-15	49	27	51	53
1	2.2			1	3.5	CONEJOS CO			61	65	61
				1	3.8	CROWLEY CO					67
7*	8.6	2	2.1	3	2.9	DELTA CO	-76	39	-67	04	46
84	3.1	91	2.9	97	2.7	DENVER-ARAPAHOE# CO	-8	-4	-12	29	43
1*	8.5					DOLORES CO					
				4	5.2	DOUGLAS CO					86
				1	3.7	ELBERT CO					65
20	3.9	22	3.0	34	3.2	EL PASO CO	-23	7	-17	26	55
3	3.4	3	2.4	5	3.7	FREMONT CO	-28	53	10	42	65
1	1.9	2	2.7			GARFIELD CO	41				
		1	4.9			GRAND CO					
				1	3.5	GUNNISON CO					62
		1	1.8	1	1.9	HUERFANO CO		6			25
12	2.4	15	1.7	42	3.4	JEFFERSON CO	-26	94	44	58	58
		1	9.8			KIOWA CO					
		1	2.6	1	2.7	KIT CARSON CO		6			42
		3	3.3	6	5.5	LA PLATA CO		68			68
7	2.8	4	1.4	23	4.4	LARIMER CO	-51	228	61	65	78
3	2.7	2	2.0	1	1.2	LAS ANIMAS CO	-26	-42	-57	07	17
1	3.9	1	3.4			LINCOLN CO	-12				
1	1.1	3	3.2	5	5.2	LOGAN CO	184	63	363	96	86
5	2.5	1	.3	8	2.2	MESA CO	-86	546	-12	29	31
1	3.9			1	2.9	MOFFAT CO			-24	22	48
1	1.3			1	1.5	MONTEZUMA CO			15	44	20
		2	2.2	4	3.8	MONTROSE CO		70			66
1	.9	1	1.0	1	1.0	MORGAN CO	7	-1	6	39	15
2	1.7	4	3.4	6	5.2	OTERO CO	101	52	206	89	86
1*	15.1					OURAY CO					
		1	4.0	2	9.0	PHILLIPS CO		126			97
1	10.5					PITKIN CO					
2	2.9	2	3.3	4	6.8	PROWERS CO	13	106	133	81	93
4	.8	11	2.0	13	2.1	PUEBLO CO	137	6	151	84	28
				1	4.2	RIO BLANCO CO					74
2	3.6	1	1.9	1	2.2	RIO GRANDE CO	-47	14	-39	14	29
1	3.3	3*	12.1			ROUTT CO	269				
		1	5.5	1	5.9	SAGUACHE CO		7			90
				1	7.7	SUMMIT CO					95
1	9.9	1	5.6	1	3.0	TELLER CO	-43	-47	-70	02	48
				3*	7.8	WASHINGTON CO					96
13	3.8	6	1.6	14	3.0	WELD CO	-57	88	-20	24	49
		2	3.8	2	4.2	YUMA CO		9			75
292	2.5	409	2.8	503	3.1	CONNECTICUT CT	14	8	23		
68	2.2	98	2.6	120	2.7	FAIRFIELD CT	16	7	24	50	42
90	2.8	114	3.0	127	2.9	HARTFORD CT	6	-3	2	37	46
14	2.3	20	2.6	34	4.2	LITCHFIELD CT	14	62	84	72	75
6	1.4	16	3.0	15	2.3	MIDDLESEX CT	107	-25	56	63	31
88	2.9	108	2.9	136	3.3	NEW HAVEN CT	1	12	13	44	55
14	1.7	34	3.4	39	3.5	NEW LONDON CT	104	3	110	77	60
5	1.9	5	1.3	17	3.5	TOLLAND CT	-31	171	87	72	61
7	2.1	14	3.1	15	3.2	WINDHAM CT	52	1	54	62	54
44	2.7	55	2.5	93	3.7	DELAWARE DE	-6	44	35		
8	4.0	2	.8	12	3.6	KENT DE	-79	346	-8	31	64
28	2.5	49	3.2	64	3.6	NEW CASTLE DE	29	14	47	59	63
8	2.9	4	1.2	17	4.0	SUSSEX DE	-58	233	40	56	71
80	2.9	63	3.0	39	3.0	DIST. OF COLUMBIA DC	5	-1	3		
80	2.9	63	3.0	39	3.0	WASHINGTON DC	5	-1	3	38	49
402	2.3	859	2.9	1824*	3.6	FLORIDA FL	26	23	55		
5	2.7	6	2.4	11	2.8	ALACHUA FL	-12	15	1	36	43
				2	4.2	BAKER FL					74

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
5	1.6	12	4.2	12	3.0	BAY FL	162	-27	90	73	50
		2	3.4	1	1.2	BRADFORD FL		-64			17
2	.6	10	1.5	45	3.8	BREVARD FL	136	161	517	98	68
26	2.3	85	2.7	212	3.6	BROWARD FL	15	33	53	62	62
				1	2.4	CALHOUN FL					34
1	2.8	6	5.6	18	4.4	CHARLOTTE FL	98	-22	55	63	78
		2	2.0	14	3.1	CITRUS FL		54			52
		1	1.2	3	1.2	CLAY FL		-3			17
1	6.8	3	2.1	12	2.5	COLLIER FL	-69	20	-62	05	38
2	3.2	2	2.4	4	3.7	COLUMBIA FL	-25	54	15	45	65
88	2.4	223*	3.9	369*	4.3	DADE FL	60	11	78	70	77
1	2.0			1	.7	DE SOTO FL			-63	05	14
1	4.9			1	2.4	DIXIE FL			-51	09	35
31	2.3	61	3.3	93*	4.2	DUVAL FL	42	26	79	70	75
11	2.1	21	3.0	28	3.4	ESCAMBIA FL	39	15	60	64	59
				2	7.4	FLAGLER FL					95
				3	8.3	FRANKLIN FL					96
1	.9	5	4.4	3	2.5	GADSDEN FL	396	-44	180	87	37
1	5.6					GILCHRIST FL					
1*	15.1					GLADES FL					
2	5.6			2	4.1	GULF FL			-26	20	74
1	2.4	7*	11.7	1	1.2	HARDEE FL	382	-90	-50	10	17
1	4.1			1	1.7	HENDRY FL			-58	07	23
2	4.6	4	5.7	9	5.1	HERNANDO FL	24	-12	10	41	85
4	5.3	1	1.1	8	2.6	HIGHLANDS FL	-80	146	-51	09	39
39	2.5	58	2.8	93	3.3	HILLSBOROUGH FL	13	18	34	54	57
		1	1.4			HOLMES FL					
2	3.2	6	4.3	8	2.7	INDIAN RIVER FL	35	-36	-14	28	42
3	2.9	3	2.4	8	5.3	JACKSON FL	-16	116	82	71	87
1	4.2	2	9.2	1	4.2	JEFFERSON FL	122	-55	0	36	74
		1	8.5	1	6.6	LAFAYETTE FL		-23			93
7	3.4	10	3.0	18	3.3	LAKE FL	-12	9	-4	33	56
3	1.7	18	4.2	40	3.8	LEE FL	151	-10	125	80	66
7	4.2	8	3.1	13	3.6	LEON FL	-27	15	-16	27	62
		1	2.4	4	4.9	LEVY FL		103			83
1	6.8	1	7.1	2*	11.2	LIBERTY FL	5	58	66	66	98
		2	4.9	1	1.6	MADISON FL		-67			22
5	1.8	8	1.8	39	3.5	MANATEE FL	-3	97	90	73	60
2	1.3	5	1.8	15	3.6	MARION FL	41	96	176	86	63
1	1.3	5	3.3	16	4.6	MARTIN FL	164	39	266	93	80
2	2.2	5	3.1	6	1.8	MONROE FL	39	-41	-18	25	24
				3	3.3	NASSAU FL					56
2	2.1	3	.9	9	2.3	OKALOOSA FL	-55	144	10	42	32
		1	2.6	3	3.8	OKEECHOBEE FL		45			67
25	3.2	38	2.9	77	3.9	ORANGE FL	-11	36	21	48	70
1	1.5	2	.7	10	4.7	OSCEOLA FL	-53	581	218	90	81
18	1.9	32	2.0	97	2.8	PALM BEACH FL	9	38	50	60	44
2	.8	5	1.0	40	2.6	PASCO FL	37	154	249	92	41
46	2.8	85	2.9	214*	3.6	PINELLAS FL	4	23	28	52	63
13	2.1	33	3.6	48	3.4	POLK FL	74	-6	64	66	58
1	1.3	3	2.3	8	4.3	PUTNAM FL	71	92	228	90	77
9*	7.5	3	2.1	8	4.3	ST JOHNS FL	-73	109	-43	12	76
2	1.5	5	2.3	11	2.7	ST LUCIE FL	55	14	76	70	41
2	3.1	4	2.4	11	5.5	SANTA ROSA FL	-23	129	76	70	88
8	2.5	21	3.1	71*	4.5	SARASOTA FL	22	46	77	70	79
1	.6	9	3.1	18	2.7	SEMINOLE FL	439	-13	371	97	42
2	4.3	1	2.3	6	7.9	SUMTER FL	-47	243	82	71	96
1	2.0	3	4.5	9*	8.5	SUWANNEE FL	123	90	323	95	97
1	1.0	1	1.8	4	6.4	TAYLOR FL	11	258	298	94	92
				3*	12.6	UNION FL					99
5	1.1	24	3.1	45	2.8	VOLUSIA FL	177	-7	158	85	45
				3	8.3	WAKULLA FL					96
1	1.9			4	3.8	WALTON FL			98	75	68
2	4.3	1	1.5	1	1.2	WASHINGTON FL	-65	-19	-72	02	17
372*	2.9	487*	3.1	616	3.2	GEORGIA GA	8	2	10		
3	7.0	1	1.8	1	1.9	APPLING GA	-74	3	-73	02	25
				1	4.3	ATKINSON GA					77
				1	2.7	BACON GA					42
2	1.3	2	1.3	1	.6	BALDWIN GA	0	-57	-57	07	13
				1	2.5	BANKS GA					38
		4	6.2	2	1.8	BARROW GA		-71			24
2	2.0	2	1.5	3	1.7	BARTOW GA	-25	12	-16	27	22
		4*	8.1	3	4.9	BEN HILL GA		-40			83
		2	4.4	1	1.3	BERRIEN GA		-69			19
14	3.1	12	2.4	20	3.5	BIBB GA	-24	48	13	43	62
		2	5.0			BLECKLEY GA					
				1	3.3	BRANTLEY GA					56
1	2.2					BROOKS GA					
1	3.8					BRYAN GA					
		6*	6.9	3	2.2	BULLOCH GA		-68			30
1	2.5	2	5.3	1	2.3	BURKE GA	111	-56	-8	31	32
2	7.0			1	2.4	BUTTS GA			-66	04	34
				1	5.3	CALHOUN GA					87
		1	3.6	1	2.1	CAMDEN GA		-42			28
1	4.8			1	3.3	CANDLER GA			-31	18	57
7	4.6	8	4.5	9	4.4	CARROLL GA	-1	-3	-3	34	78
2	3.1	2	1.9	3	2.0	CATOOSA GA	-39	7	-35	16	27
1	3.8	1	6.9	1	3.5	CHARLTON GA	84	-50	-7	31	60
16	3.5	19	3.0	25	3.8	CHATHAM GA	-10	27	15	44	66
3	4.0			4	3.3	CHATTOOGA GA			-16	27	57
4	3.9	3	2.3	13*	8.0	CHEROKEE GA	-39	241	107	77	96
1	.8	4	2.3	6	2.6	CLARKE GA	193	16	241	91	40
		1	11.2			CLAY GA					
3	2.4	8	3.2	13	3.1	CLAYTON GA	35	-2	32	53	52
1	6.5			1	5.3	CLINCH GA			-18	25	87
15	4.8	19	3.1	37	4.0	COBB GA	-37	31	-17	26	71
2	1.9	1	1.1			COFFEE GA	-39				
3	2.2			3	2.4	COLQUITT GA			7	40	34

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		3	5.1	4	3.2	COLUMBIA GA		-37			54
5	5.5	1	1.2	5	3.3	COWETA GA	-78	174	-40	13	56
1	8.5	1	5.2			CRAWFORD GA	-39				
1	1.8					CRISP GA					
1	3.8			3	6.4	DADE GA			66	66	92
				2	9.1	DAWSON GA					97
		3	4.1	3	3.9	DECATUR GA		-6			69
18	2.2	63*	4.7	66	3.6	DE KALB GA	117	-23	68	67	63
3	1.3	4	1.5	8	2.8	DOUGHERTY GA	21	85	125	80	46
1	1.7	3	3.9	8	5.2	DOUGLAS GA	131	35	212	89	86
		2	5.9	3	7.6	EARLY GA		28			95
1	3.2	1	3.8	1	1.7	EFFINGHAM GA	17	-54	-47	11	23
1	1.8	1	1.4	1	1.2	ELBERT GA	-25	-13	-34	16	17
2	3.1	1	1.4			EMANUEL GA	-55				
				3*	12.7	EVANS GA					99
2	2.5			5	6.2	FANNIN GA			152	84	91
		2	5.0	5	7.8	FAYETTE GA		55			96
11	3.9	8	2.4	16	4.3	FLOYD GA	-39	77	8	40	76
2	2.5	2	2.6	5	5.0	FORSYTH GA	5	91	100	75	84
				1	1.0	FRANKLIN GA					16
71*	3.8	63	3.1	79	4.2	FULTON GA	-20	36	9	41	74
1	2.2	1	2.2			GILMER GA	1				
1	9.6	1	7.0	1	8.6	GLASCOCK GA	-27	24	-10	30	97
		1	.6	4	1.9	GLYNN GA		203			25
2	2.2	4	4.0	5	3.7	GORDON GA	82	-9	66	67	64
2	3.2	1	1.4	3	3.3	GRADY GA	-56	137	3	38	56
1	2.9			1	3.0	GREENE GA			3	38	50
7	4.3	12*	4.6	6	1.3	GWINNETT GA	7	-71	-69	03	19
3	3.8	4	4.7	1	.7	HABERSHAM GA	24	-85	-82	00	14
8	4.5	6	2.6	12	3.7	HALL GA	-39	40	-14	28	64
1	6.1					HANCOCK GA					
1	1.6	1	1.8	5	5.4	HARALSON GA	9	200	228	90	88
				2	5.9	HARRIS GA					90
4*	7.4	3	4.8	3	3.7	HART GA	-35	-23	-50	09	65
		1	3.8	2	7.7	HEARD GA		105			95
1	2.1			1	.7	HENRY GA			-66	04	14
3	5.0	8	4.7	5	2.3	HOUSTON GA	-6	-51	-54	08	33
		1	3.2	1	3.7	IRWIN GA		13			64
5*	5.7	6*	6.5	4	3.9	JACKSON GA	15	-41	-32	18	69
				4*	9.1	JEFF DAVIS GA					97
1	2.3	2	4.5	1	3.3	JEFFERSON GA	97	-28	43	57	56
1	4.5			1	5.3	JENKINS GA			18	46	87
2	7.3	1	3.5	2	6.3	JOHNSON GA	-52	79	-14	28	92
1	5.1	1	4.0	1	1.9	JONES GA	-21	-52	-62	06	25
1	2.4	3*	9.3	1	1.5	LAMAR GA	294	-83	-35	16	20
				1	5.3	LANIER GA					87
3	3.1	1	.8			LAURENS GA	-74				
		1	8.2			LEE GA					
		1	2.7	1	1.9	LIBERTY GA		-29			26
		1	5.0	3*	10.9	LINCOLN GA		119			98
		1	7.6	1	5.8	LONG GA		-23			90
4	3.0	7	4.6	6	3.0	LOWNDES GA	55	-34	2	36	50
		1	2.8	1	2.4	LUMPKIN GA		-13			35
2	6.4			1	1.5	MC DUFFIE GA			-76	01	20
1	9.0	3*	19.8			MC INTOSH GA	119				
1	4.5	1	3.5	1	4.3	MACON GA	-22	23	-4	34	76
1	2.2	2	3.8	2	2.6	MADISON GA	75	-30	22	49	40
3	5.2	2	3.8	3	4.2	MERIWETHER GA	-27	8	-21	23	74
1	3.7	1	3.6	2	7.8	MILLER GA	-4	117	109	77	95
1	2.1	2	3.7			MITCHELL GA	80				
		2	7.0	1	2.3	MONROE GA		-67			32
		1	3.4	2	8.2	MONTGOMERY GA		139			96
				1	2.1	MORGAN GA					28
3	6.2	2	4.6	2	2.5	MURRAY GA	-26	-46	-60	06	36
13	3.0	18	3.3	16	2.6	MUSCOGEE#GA	10	-23	-15	27	39
2	2.8	2	2.0	3	2.2	NEWTON GA	-28	12	-19	24	31
1	4.1	2	6.4	1	2.0	OCONEE GA	56	-69	-52	08	26
		3*	11.0	1	2.5	OGLETHORPE GA		-77			37
1	2.1	3	3.9	3	3.2	PAULDING GA	82	-17	50	61	54
1	3.5					PEACH GA					
2	4.8	2	4.5	1	1.6	PICKENS GA	-8	-64	-67	04	22
				1	2.0	PIERCE GA					27
1	4.1			1	2.5	PIKE GA			-39	14	37
7*	5.9	6	4.1	5	3.6	POLK GA	-30	-13	-39	14	62
1	4.6	4*	16.5	1	2.8	PULASKI GA	263	-83	-39	14	44
		2*	9.5			PUTNAM GA					
		5*	12.4	6*	10.3	RABUN GA		-17			98
1	3.5	1	4.2	3*	9.9	RANDOLPH GA	21	136	184	87	98
18*	4.6	8	1.8	15	2.9	RICHMOND GA	-60	57	-37	15	47
		1	1.6	1	1.1	ROCKDALE GA		-33			16
1	2.8	2	5.4	2	3.9	SCREVEN GA	96	-27	43	57	70
2*	8.5			1	2.3	SEMINOLE GA			-73	01	31
5	4.0	7	5.1	5	2.7	SPALDING GA	26	-46	-32	17	42
5*	6.0	1	1.1	7	6.6	STEPHENS GA	-82	516	13	43	93
		6*	8.8	4	4.7	SUMTER GA		-46			82
		1	1.9	2	2.4	TATTNALL GA		31			36
1	5.0	1	3.6	1	2.7	TAYLOR GA	-29	-25	-47	11	42
		1	2.1	2	6.0	TELFAIR GA		188			91
		1	3.4			TERRELL GA					
4	3.8	2	1.9	2	1.5	THOMAS GA	-49	-23	-60	06	20
3	4.0	5	5.4	5	4.5	TIFT GA	34	-17	12	42	79
2	3.2	2	2.8	3	3.3	TOOMBS GA	-12	17	4	38	56
		1	4.7			TOWNS GA					
		1	6.0	1	2.8	TREUTLEN GA		-53			45
2	1.2	11*	5.8	3	1.3	TROUP GA	378	-78	6	39	18
		2	6.6	1	1.8	TURNER GA		-72			24
		2*	10.8			TWIGGS GA					
				1	1.7	UNION GA					22
4	4.6	7*	6.7	5	4.3	UPSON GA	44	-36	-8	31	76
2	1.3	11	4.9	11	3.8	WALKER GA	275	-22	194	88	67

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COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
3	4.0	2	2.1	3	2.3	WALTON GA	-47	8	-43	12	32
3	2.2	4	3.2	9	5.7	WAPE GA	45	78	157	83	69
1	2.2	1	2.2	2	3.7	WASHINGTON GA	-3	72	66	67	65
3	4.6	1	1.8	4	4.5	WAYNE GA	-61	148	-3	34	79
		1	4.4			WHEELER GA					
2	7.0			2	4.3	WHITE GA			-38	14	77
5	2.6	7	3.2	8	3.0	WHITFIELD GA	23	-9	13	43	48
				1	2.6	WILCOX GA					39
1	3.2	1	2.8			WILKES GA	-11				
2	7.3	1	3.5			WILKINSON GA	-52				
2	4.6			3	4.6	WORTH GA			0	36	80
		17	1.5	36	3.5	HAWAII HI		130			
				1	.9	HAWAII HI					15
		16	1.7	31	3.8	HONOLULU HI		130			68
		1	3.4	2	5.0	KAUAI HI		45			84
				2	2.5	MAUI#HI					38
74	2.7	73	2.3	102	2.5	IDAHO ID	-16	11	-7		
15	4.1	9	1.8	18	2.5	ADA ID	-57	41	-40	14	36
4	1.7	5	2.4	5	2.1	BANNOCK ID	40	-13	22	48	28
		2	6.0	1	2.5	BEAR LAKE ID		-58			38
1	4.0					BENEWAH ID					
1	1.2	4	3.6	7	4.8	BINGHAM ID	197	34	297	94	83
3	4.0	3	3.6	4	3.8	BONNER ID	-10	7	-4	33	68
3	2.6	4	1.4	10	4.5	BONNEVILLE ID	-46	214	70	68	79
1	3.7	1	3.7			BOUNDARY ID	0				
1	14.4					BUTTE ID					
		1*	20.4			CAMAS ID					
6	2.1	6	1.9	6	1.5	CANYON ID	-12	-20	-30	19	20
1	2.7	4*	14.4	2	6.1	CARIBOU ID	434	-58	126	80	91
2	3.3	1	1.5	2	2.7	CASSIA ID	-54	79	-17	26	42
2*	32.5	1*	24.5			CLARK ID	-24				
1	3.0			1	2.0	CLEARWATER ID			-34	16	26
				1	6.6	CUSTER ID					93
		1	1.0	1	.9	ELMORE ID		-12			15
		1	2.2	1	1.8	FRANKLIN ID		-18			24
1	3.3			2	5.0	FREMONT ID			50	61	85
		1	2.0	3	5.0	GEM ID		157			85
		1	3.9	2	4.0	GOODING ID		3			71
2	4.0			1	1.6	IDAHO ID			-61	06	21
1	1.7					JEFFERSON ID					
3	7.6			1	1.3	JEROME ID			-83	00	18
5	3.8	5	2.9	5	2.2	KOOTENAI ID	-23	-25	-42	13	30
4	4.8	6	6.5	4	4.0	LATAH ID	35	-38	-16	26	71
1	7.1			3*	15.6	LINCOLN ID			119	79	99
		2	4.9			MADISON ID					
		4	6.1	3	3.2	MINIDOKA ID		-47			54
1	.9	1	.8	4	2.4	NEZ PERCE ID	-14	198	157	85	34
1	4.8			1	2.7	ONYHEE ID			-45	12	41
3	5.0	1	1.2	2	2.1	PAYETTE ID	-76	76	-57	07	29
1	4.5			2	7.0	POWER ID			55	62	94
3	3.4	4	4.1	1	1.2	SHOSHONE ID	22	-71	-64	05	18
				1	8.3	TETON ID					96
7	3.9	4	2.0	6	2.5	TWIN FALLS ID	-48	25	-35	16	38
		1	6.1	1	4.4	VALLEY ID		-27			78
				1	2.6	WASHINGTON ID					39
1259	2.7	1441	2.8	1745	3.2	ILLINOIS IL	4	13	17		
4	1.1	11	2.7	9	2.4	ADAMS IL	153	-8	132	81	36
1	1.9	2	3.6	1	1.1	ALEXANDER IL	84	-68	-41	13	17
4	4.9			5	6.7	BOND IL			38	56	93
3	3.1			4	3.5	BOONE IL			13	44	60
1	2.4	2	6.0			BROWN IL	155				
8	3.7	9	4.1	7	2.9	BUREAU IL	12	-30	-21	23	47
		2	5.5	1	3.7	CALHOUN IL		-32			65
5	5.2	2	2.0	9*	7.9	CARROLL IL	-62	294	52	61	96
				4	4.3	CASS IL					77
13	2.7	9	1.7	18	3.1	CHAMPAIGN IL	-35	78	15	44	51
7	3.2	3	1.5	8	3.4	CHRISTIAN IL	-54	133	8	41	59
		5	6.6	2	1.1	CLARK IL		-83			16
4	4.8	3	3.3	3	3.3	CLAY IL	-31	0	-31	18	57
1	.7	3	2.2	6	3.3	CLINTON IL	196	51	348	96	56
5	2.2	11	4.4	8	3.4	COLES IL	102	-23	57	63	58
717*	3.2	760*	3.1	822	3.4	COOK IL	0	9	9	41	59
4	3.1	4	2.9	3	2.4	CRAWFORD IL	-7	-18	-24	21	34
1	1.4			3	5.4	CUMBERLAND IL			277	93	87
4	1.7	6	2.3	8	2.7	DE KALB IL	32	19	57	63	42
1	1.1	2	1.8	3	3.4	DE WITT IL	68	86	212	89	58
4	4.2			4	4.1	DOUGLAS IL			-2	35	73
29	2.3	55	2.9	89	3.7	DU PAGE IL	23	27	56	63	64
2	1.3	1	.5	1	.5	EDGAR IL	-63	5	-61	06	13
				1	1.6	EDWARDS IL					21
1	.8	3	2.3	3	2.4	EFFINGHAM IL	177	6	194	88	35
3	2.4	4	3.2	5	3.4	FAYETTE IL	34	7	44	58	59
1	1.2	4	4.0	1	1.0	FORD IL	228	-75	-17	26	16
9	3.9	8	3.6	5	2.6	FRANKLIN IL	-7	-29	-34	16	39
5	2.1	3	1.5	11	4.3	FULTON IL	-31	189	99	75	76
1	1.9	1	2.2			GALLATIN IL	17				
2	2.2	2	2.2	2	2.3	GREENE IL	1	6	7	39	33
7*	6.4	2	1.4	3	2.0	GRUNDY IL	-77	37	-69	03	26
2	3.5	3	4.9			HAMILTON IL	40				
5	3.3	4	3.3	4	2.7	HANCOCK IL	-3	-18	-21	24	41
3*	6.8	1	3.3			HARDIN IL	-51				
				1	3.1	HENDERSON IL					51
7	2.7	7	2.6	5	1.7	HENRY IL	-2	-36	-37	15	23
5	2.8	3	1.5	6	2.6	IROQUOIS IL	-47	75	-8	31	39

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
2	1.2	6	3.0	6	2.8	JACKSON IL	146	-7	130	81	44
1	1.9			4	6.3	JASPER IL			237	91	92
3	1.8	3	1.6	3	1.2	JEFFERSON IL	-11	-24	-33	17	17
1	1.1	3	3.1	2	1.9	JERSEY IL	185	-39	75	69	25
3	3.6	1	.9	5	5.4	JO DAVIESS IL	-76	287	-6	32	58
		2	4.3	4	7.0	JOHNSON IL		61			94
17	1.9	29	2.6	39	3.1	KANE IL	39	20	66	67	51
9	2.1	12	2.6	20	4.1	KANKAKEE IL	25	58	97	75	73
		3	2.8	2	1.5	KENDALL IL		-47			20
11	3.5	14	4.4	6	1.8	KNOX IL	26	-59	-48	10	23
34	3.2	35	2.6	62	5.7	LAKE IL	-22	44	13	43	64
20	3.5	14	2.2	28	4.2	LA SALLE IL	-38	92	20	47	74
3	3.1	4	3.3	3	2.6	LAWRENCE IL	6	-21	-16	26	39
5	2.5	8	3.8	5	2.3	LEE IL	51	-40	-9	30	32
5	2.6	4	1.8	6	2.5	LIVINGSTON IL	-30	30	-9	30	33
2	1.4	2	1.3	11	5.8	LOGAN IL	-11	361	310	94	90
4	2.3	1	.5	7	4.7	MC DONOUGH IL	-78	815	105	76	81
10	2.7	18	3.7	20	3.1	MC HENRY IL	36	-15	15	44	52
10	2.4	14	3.1	18	3.1	MC LEAN IL	25	1	27	51	51
8	1.4	13	2.2	16	2.3	MACON IL	57	5	65	66	32
3	1.0	3	1.0	6	1.9	MACOUPIN IL	2	85	89	73	25
20	2.0	36	3.0	41	3.1	MADISON IL	48	2	52	61	51
6	2.6	3	1.1	9	3.1	MARION IL	-57	181	20	48	51
2	2.7	2	3.0	4	4.5	MARSHALL IL	9	54	68	67	80
5*	5.9	1	1.3	5	4.9	MASON IL	-78	282	-17	26	84
4	5.7	1	1.1	3	3.5	MASSAC IL	-81	228	-38	14	61
1	1.4			1	1.7	MENARD IL			24	50	23
3	3.7	1	1.2	2	2.2	MERCER IL	-68	84	-41	13	29
1	1.5	3	3.6	3	3.3	MONROE IL	139	-9	118	79	56
4	2.1	3	1.9	2	1.2	MONTGOMERY IL	-13	-37	-45	12	17
5	2.3	6	2.7	7	3.1	MORGAN IL	15	17	34	54	52
1	1.5	4	5.9	6	6.5	MOULTRIE IL	280	8	311	95	92
2	1.0	6	3.0	8	3.1	OGLE IL	190	5	205	88	52
35*	3.7	35	3.6	32	2.9	PEORIA IL	-5	-19	-23	22	46
1	.9	5	4.6	6	4.9	PERRY IL	433	7	470	98	84
2	2.7	2	2.4	2	2.2	PIATT IL	-12	-10	-21	23	29
1	.9	4	3.0	1	1.0	PIKE IL	241	-68	8	40	15
1	3.8			1	5.3	POPE IL			40	56	87
1	2.3	1	2.3	3	8.1	PULASKI IL	3	244	255	92	96
				1	3.2	PUTNAM IL					53
2	1.6			5	3.0	RANDOLPH IL			94	74	50
3	3.5	4	4.2	3	2.8	RICHLAND IL	19	-32	-19	25	45
17	2.4	20	2.5	21	2.3	ROCK ISLAND IL	5	-6	-1	35	33
21	2.1	35	3.0	39	3.3	ST CLAIR IL	45	10	59	64	57
3	1.9	4	2.2	6	3.6	SALINE IL	15	62	87	73	63
17	2.4	25	2.9	29	2.9	SANGAMON IL	21	2	23	49	47
2	5.3			3	6.7	SCHUYLER IL			26	51	93
		1	2.7			SCOTT IL					
4	3.0	4	3.0	4	3.0	SHELBY IL	1	-1	0	36	48
8	3.5	7	2.9	11	3.7	STEPHENSON IL	-17	30	8	40	66
11	2.3	13	2.6	27	4.2	TAZEWELL IL	12	60	79	70	74
1	.9	4	3.4	4	2.9	UNION IL	279	-14	225	90	46
10	2.4	11	2.2	12	2.2	VERMILION IL	-9	2	-7	31	30
1	1.4	4	5.7	1	1.4	WABASH IL	321	-75	6	39	19
1	1.1	2	2.0	4	2.5	WARREN IL	79	26	127	60	37
3	3.8	1	1.3	2	1.8	WASHINGTON IL	-65	37	-52	09	24
2	1.8	1	1.0	1	.8	WAYNE IL	-46	-22	-58	07	14
		2	2.2	4	4.3	WHITE IL		93			77
9	3.6	10	3.1	9	2.8	WHITESIDE IL	-14	-12	-25	21	43
13	1.6	13	1.3	28	2.2	WILL IL	-17	68	40	56	30
7	2.7	5	2.3	11	3.2	WILLIAMSON IL	-12	39	22	48	55
9	1.0	35	3.3	42	3.5	WINNEBAGO IL	219	4	233	91	60
		3	2.2	4	2.8	WOODFORD IL		28			45
540	2.6	657	2.8	858	3.2	INDIANA IN	8	16	25		
4	3.6	3	2.4	4	2.5	ADAMS IN	-34	7	-30	19	37
36	3.6	32	2.7	52	3.8	ALLEN IN	-26	40	5	38	67
5	2.8	5	2.0	11	3.5	BARTHOLOMEW IN	-28	78	29	52	62
2	3.3	2	3.1	2	3.2	BENTON IN	-7	4	-3	34	53
1	1.3	3	3.7	2	2.3	BLACKFORD IN	177	-37	74	69	33
4	2.9	3	2.0	2	1.3	BOONE IN	-30	-34	-54	08	19
		1	2.3	5*	9.4	BROWN IN		306			98
2	2.0	1	1.3	2	1.2	CARROLL IN	-34	-13	-43	13	17
2	.9	5	2.2	3	1.2	CASS IN	153	-48	32	53	17
10	4.5	7	2.4	14	3.6	CLARK IN	-47	53	-19	25	63
		4	2.8	3	2.5	CLAY IN		-9			38
1	.6	6	3.6	6	3.5	CLINTON IN	479	-8	432	97	55
				3	4.1	CRAWFORD IN					72
4	3.4	1	.6	4	2.3	DAVIESS IN	-83	299	-33	17	32
3	2.4	5	3.4	3	1.6	DEARBORN IN	44	-53	-33	17	21
3	3.3	5	3.8	3	2.4	DECATUR IN	14	-36	-27	20	35
2	1.3	5	3.4	4	2.5	DE KALB IN	164	-26	96	74	38
15	3.4	16	2.9	20	3.5	DELAWARE IN	-15	16	-2	35	57
3	2.4	4	3.0	1	.6	DUBOIS IN	26	-80	-74	01	13
13	2.8	12	2.2	25	3.9	ELKHART IN	-20	75	40	56	68
2	1.8	3	2.5	4	2.8	FAYETTE IN	38	11	54	62	45
6	2.7	3	1.0	13	4.3	FLOYD IN	-61	308	58	64	76
5	5.5	5	4.7	3	3.0	FOUNTAIN IN	-14	-38	-47	11	48
1	1.3	1	1.0	2	2.2	FRANKLIN IN	-22	115	67	67	31
1	.8	3	3.0	2	1.7	FULTON IN	272	-44	108	77	22
4	2.8	3	1.9	6	2.7	GIBSON IN	-34	46	-3	34	42
7	2.1	14	3.9	9	2.2	GRANT IN	83	-43	4	38	30
1	.6	3	1.6	8	4.2	GREENE IN	148	164	555	99	75
4	2.2	4	1.8	7	2.0	HAMILTON IN	-20	12	-11	29	27
3	2.3	5	3.3	11*	6.2	HANCOCK IN	42	88	166	86	91
		2	2.0	4	3.4	HARRISON IN		67			59
5	2.9	6	3.0	9	3.3	HENDRICKS IN	4	11	15	45	57
3	1.3	13*	5.1	8	2.6	HENRY IN	276	-48	95	74	40
6	2.0	8	2.3	17	4.1	HOWARD IN	15	84	111	77	74

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4	2.3	5	2.4	6	3.1	HUNTINGTON IN	2	30	32	54	52
1	.5	4	2.5	7	3.5	JACKSON IN	374	38	557	99	91
1	1.0	2	1.9	4	4.3	JASPER IN	102	121	346	96	76
2	1.8	5	3.9	5	4.1	JAY IN	111	6	124	80	73
		3	2.5	3	2.0	JEFFERSON IN		-22			26
2	2.2	2	2.4	3	2.8	JENNINGS IN	9	14	24	50	44
3	1.7	7	3.3	7	2.3	JOHNSON IN	91	-31	32	53	32
3	1.2	5	1.9	6	2.4	KNOX IN	51	30	95	74	35
2	1.0	5	2.2	3	1.1	KOSCIUSKO IN	127	-50	13	43	16
1	1.1	3	3.3	3	2.7	LAGRANGE IN	193	-16	144	83	43
44	2.5	51	2.5	76	3.5	LAKE IN	1	42	44	58	62
11	2.8	13	2.7	19	3.4	LA PORTE IN	-4	26	21	48	59
3	1.6	3	1.5	13	6.1	LAWRENCE IN	-7	303	276	93	91
16	3.0	14	2.2	16	2.3	MADISON IN	-25	2	-24	22	31
91	3.1	121*	3.6	117	3.3	MARION IN	19	-8	9	41	57
7	4.5	4	2.6	3	1.5	MARSHALL IN	-41	-42	-66	04	20
1	2.0			5*	9.2	MARTIN IN			355	96	97
4	2.7	4	2.4	8	4.2	MIAMI IN	-13	76	53	62	75
6	2.7	5	1.9	12	3.8	MONROE IN	-29	96	39	56	67
6	3.7	2	1.0	11	5.4	MONTGOMERY IN	-72	426	49	60	88
5	3.8	8	4.0	7	3.0	MORGAN IN	6	-25	-21	23	49
1	2.0	3	5.2	2	2.8	NEWTON IN	163	-46	42	57	45
		4	2.5	7	4.1	NOBLE IN		61			72
				2	6.8	OHIO IN					93
1	1.1	2	2.3	1	.8	ORANGE IN	112	-63	-22	23	14
1	2.1	1	1.2	3	2.8	OWEN IN	-45	138	31	53	44
1	1.1	5	5.8	3	3.9	PARKE IN	449	-34	265	92	69
		1	1.1	4	3.5	PERRY IN		216			60
1	1.1	6*	8.4	2	1.9	PIKE IN	676	-77	75	69	25
8	3.6	12	3.5	13	2.9	PORTER IN	-3	-16	-18	25	47
2	1.9	2	1.6	4	3.1	POSEY IN	-17	97	63	65	52
1	1.8	1	1.4	6*	8.3	PULASKI IN	-20	482	366	96	96
4	3.2			2	1.6	PUTNAM IN			-50	09	21
4	2.6	4	2.4	6	3.9	RANDOLPH IN	-8	61	48	60	69
3	3.1	2	1.8	5	3.7	RIPLEY IN	-42	107	20	47	65
6*	5.7	1	1.2	10*	8.9	RUSH IN	-79	663	57	64	97
43*	4.1	43	3.7	35	2.8	ST JOSEPH IN	-10	-24	-32	18	44
		3	4.5	4	4.3	SCOTT IN		-3			77
3	2.0	5	2.9	6	3.1	SHELBY IN	42	8	53	62	52
2	2.6			4	4.6	SPENCER IN			75	69	80
		2	1.9	5	4.8	STARKE IN		155			83
1	.8	3	3.2	5	3.8	STEUBEN IN	285	19	358	96	66
3	2.6	4	3.4	1	.6	SULLIVAN IN	32	-83	-77	01	13
2	3.8					SWITZERLAND IN					
10	2.8	8	1.9	18	3.8	TIPPECANOE IN	-33	104	37	55	68
2	2.7	5	5.2	3	3.1	TIPTON IN	92	-40	15	44	52
1	3.7	2	5.6			UNION IN	51				
27	3.1	23	2.6	25	2.4	VANDERBURGH IN	-18	-8	-24	22	34
1	1.2	3	3.0	1	1.3	VERMILLION IN	160	-57	13	43	18
18	3.2	26*	4.3	22	3.4	VIGO IN	33	-19	7	40	60
4	2.6	3	1.8	8	3.9	WABASH IN	-31	115	47	60	68
		2	4.6			WARREN IN					
1	.7	3	2.3	10	5.9	WARRICK IN	225	157	734	99	90
5	5.3			6	5.8	WASHINGTON IN			8	40	89
8	2.2	8	2.1	15	3.5	WAYNE IN	-4	69	61	65	60
2	1.8	9*	7.3	4	2.8	WELLS IN	312	-62	57	63	43
1	.8	1	1.0	4	3.5	WHITE IN	19	260	330	95	62
2	2.0	1	.9	6	3.8	WHITLEY IN	-56	324	86	72	67
351	2.5	494*	3.4	523	3.3	IOWA IA	35	-3	31		
1	1.4	2	3.6	3	5.8	ADAIR IA	156	60	310	94	90
2	3.9	1	2.1	1	1.5	ADAMS IA	-48	-28	-62	05	20
4	4.4	8*	12.0			ALLAMAKEE IA	171				
3	3.3			4	4.3	APPANOOSE IA			31	53	76
1	2.3	1	1.8	1	1.8	AUDUBON IA	-23	1	-22	23	23
4	3.4	4	3.2	8	5.6	BENTON IA	-5	72	64	66	89
12	2.3	13	2.1	15	2.2	BLACK HAWK IA	-6	4	-3	34	30
5	3.3	3	1.9	3	1.8	BOONE IA	-41	-9	-47	11	23
6*	6.1	1	.9	5	3.7	BREMER IA	-85	288	-40	13	64
3	2.9	3	2.6	1	.8	BUCHANAN IA	-10	-71	-73	01	14
4	3.3	3	2.3	6	4.8	BUENA VISTA IA	-31	114	47	59	83
2	2.7	1	.9	7	6.4	BUTLER IA	-67	619	139	82	92
5	5.7	3	3.7	6	5.1	CALHOUN IA	-35	38	-11	30	85
3	2.6	3	2.4	8	5.4	CARROLL IA	-8	130	111	77	88
4	4.1	6	7.0	6	4.9	CASS IA	70	-29	20	48	84
4	4.4	3	3.1	2	1.2	CEDAR IA	-30	-62	-73	02	17
5	2.0	12	4.6	8	2.5	CERRO GORDO IA	132	-46	26	51	36
2	1.7	6	6.1	3	2.7	CHEROKEE IA	251	-56	54	62	42
2	2.5	2	2.5	4	5.5	CHICKASAW IA	-3	125	118	79	88
		1	2.0			CLARKE IA					
3	3.1	2	2.0	3	2.7	CLAY IA	-37	39	-12	28	43
4	3.4	6	5.9	6	5.2	CLAYTON IA	72	-12	51	61	86
2	.7	8	2.7	7	2.2	CLINTON IA	280	-18	212	89	30
5	4.7	6	5.9	2	2.3	CRAWFORD IA	26	-60	-50	10	33
1	.7	9*	6.9	8	4.7	DALLAS IA	861	-31	558	99	81
1	1.9			2	3.5	DAVIS IA			79	70	61
1	1.8			5*	7.8	DECATUR IA			342	95	96
3	3.7					DELAWARE IA					
9	3.7	5	1.9	7	2.9	DES MOINES IA	-48	52	-21	23	47
2	3.4	1	1.9	1	1.0	DICKINSON IA	-43	-50	-71	02	15
14	3.6	20*	4.9	17	3.5	DUBUQUE IA	34	-29	-5	33	60
1	1.4	1	1.1	1	1.8	EMMET IA	-19	61	30	52	24
5	3.6	6	4.2	2	1.2	FAYETTE IA	18	-72	-67	03	17
2	1.7	3	2.5	4	3.4	FLOYD IA	46	36	98	75	58
3	3.5	2	3.0	2	2.0	FRANKLIN IA	-14	-34	-43	12	27
2	3.0	3	4.2	3	5.1	FREMONT IA	40	21	70	68	85
		4	5.5	2	2.0	GREENE IA		-64			26
2	2.4	1	1.3	2	2.2	GRUNDY IA	-46	66	-10	30	29
		4	4.4	5	7.3	GUTHRIE IA		66			94

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
4	4.4	3	2.6	1	.8	HAMILTON IA	-40	-70	-82	00	14
		4	5.5	7*	8.9	HANCOCK IA		63			97
2	1.8	4	3.3	5	2.8	HARDIN IA	77	-14	52	62	45
3	3.6			2	2.3	HARRISON IA			-36	15	32
1	1.1	2	1.6			HENRY IA	49				
1	1.4	1	1.5	3	5.1	HOWARD IA	9	243	275	93	85
		2	2.6	5	7.5	HUMBOLDT IA		181			95
1	1.7	4*	7.2	1	2.0	IDA IA	316	-72	16	45	27
		2	2.3	2	1.6	IOWA IA		-28			22
		6	5.6	5	4.7	JACKSON IA		-16			81
		12*	6.4	5	2.6	JASPER IA		-60			39
3	3.5	5	6.8	1	.7	JEFFERSON IA	96	-89	-79	00	14
6	2.9	5	2.2	7	2.4	JOHNSON IA	-24	8	-18	26	35
5	5.3	1	.8	3	2.4	JONES IA	-86	211	-55	07	33
		6*	8.7	3	2.7	KEOKUK IA		-69			42
8*	6.4	2	1.5	3	2.6	KOSSUTH IA	-76	73	-59	07	40
8	3.5	8	3.7	8	3.2	LEE IA	6	-12	-7	32	54
11	1.8	32*	4.4	35	4.3	LINN IA	149	-3	142	83	76
2	3.8	2	3.7	3	4.5	LOUISA IA	-2	21	18	46	79
1	1.4	4	6.6	3	6.0	LUCAS IA	373	-9	332	95	91
		2	2.7	3	3.7	LYON IA		36			64
3	4.4	2	2.7	4	5.9	MADISON IA	-38	118	36	55	90
3	2.1	2	1.5	3	1.8	MAHASKA IA	-29	17	-16	26	24
3	2.3	3	2.3	3	2.2	MARION IA	1	-6	-5	32	30
1	.5	9	4.4	10	4.6	MARSHALL IA	703	4	736	99	80
1	1.5	3	4.3	1	1.4	MILLS IA	190	-67	-4	33	19
		4	4.5	3	3.5	MITCHELL IA		-22			60
2	2.5	3	3.7	1	.8	MONONA IA	50	-78	-67	04	14
				1	1.6	MONROE IA					21
1	1.1	3	4.7	3	2.7	MONTGOMERY IA	312	-42	140	83	43
3	1.7	4	2.3	5	3.0	MUSCATINE IA	34	31	75	69	48
4	3.9	3	2.9	3	1.9	O'BRIEN IA	-26	-34	-51	09	26
4*	8.2	3	5.7	1	2.5	OSCEOLA IA	-31	-56	-70	03	37
4	2.9	4	4.1	7	4.9	PAGE IA	41	19	68	67	84
3	3.9	2	2.4	1	1.2	PALO ALTO IA	-37	-51	-69	03	17
4	3.4	2	1.6	3	2.0	PLYMOUTH IA	-53	22	-43	12	26
2	3.4	2	2.5	6*	7.6	POCAHONTAS IA	-25	204	127	80	95
36	2.9	46	3.3	58	3.9	POLK IA	12	18	32	53	68
11	2.8	24*	5.7	18	3.7	POTTAWATTAMIE IA	102	-36	29	52	64
		1	1.2	4	3.8	POWESHIEK IA		227			66
		1	1.4			RINGGOLD IA					
3	3.0	4	4.1	3	3.3	SAC IA	37	-20	10	41	56
14	2.5	27*	4.2	32	4.5	SCOTT IA	70	5	80	70	79
1	1.3			2	2.2	SHELBY IA			74	69	30
1	.9	6	4.6	8	4.8	SIOUX IA	437	5	464	98	83
3	1.2	11	5.0	8	3.2	STORY IA	305	-37	156	85	53
2	1.9	2	1.9	7	6.0	TAMA IA	-3	217	207	89	91
1	1.6			2	2.4	TAYLOR IA			57	63	36
2	2.5	4	4.6	2	2.9	UNION IA	88	-38	17	45	46
1	1.9	2	3.6	3	7.2	VAN BUREN IA	89	102	281	93	94
12*	4.9	10	3.6	9	3.9	WAPELLO IA	-26	9	-19	24	70
3	3.2	3	2.5	5	3.9	WARREN IA	-23	58	22	49	70
3	3.1	2	1.9	4	3.4	WASHINGTON IA	-39	81	10	41	58
1	1.5	3	4.8	2	6.7	WAYNE IA	219	39	345	96	93
6	2.7	10	4.0	3	1.2	WEBSTER IA	48	-71	-57	07	17
4	5.4	1	.7			WINNEBAGO IA	-87				
1	.9	3	2.4	3	2.5	WINNESHIEK IA	164	3	172	86	38
16	2.8	19	3.4	18	2.9	WOODBURY IA	20	-15	2	36	46
1	1.8	1	1.4	2	4.3	WORTH IA	-21	200	138	82	77
3	2.9	1	.9			WRIGHT IA	-68				
256	2.5	327	2.9	457*	3.7	KANSAS KS	15	26	44		
3	3.3	2	1.5	3	2.6	ALLEN KS	-55	78	-20	24	40
1	1.7	1	2.0	1	2.5	ANDERSON KS	15	28	47	59	38
3	3.2	3	2.4	7	7.4	ATCHISON KS	-27	212	128	80	95
1	2.1	2	4.9	3	4.8	BARBER KS	137	-2	132	81	83
4	2.4	6	3.8	14*	8.5	BARTON KS	59	125	258	92	96
1	1.6	2	2.7	1	1.1	BOURBON KS	73	-58	-28	20	16
1	1.4	2	2.5	3	4.5	BROWN KS	82	78	224	90	79
5	2.9	5	2.4	8	3.4	BUTLER KS	-16	40	18	46	59
1	3.9					CHASE KS					
1	2.3	1	2.2	3	7.2	CHAUTAUQUA KS	-3	230	219	90	94
3	2.2	5	3.9	3	2.1	CHEROKEE KS	79	-47	-5	32	28
		1	3.9			CHEYENNE KS					
		1	6.1			CLARK KS					
1	1.0	1	1.1	6*	9.2	CLAY KS	9	713	788	99	97
3	3.2	6*	7.0	2	1.2	CLOUD KS	118	-82	-62	06	18
2	3.2	5*	12.3	3	8.2	COFFEY KS	268	-33	161	85	96
		2*	10.6			COMANCHE KS					
5	2.5	6	3.2	16*	6.7	COWLEY KS	30	106	168	86	93
4	1.9	3	1.4	7	3.1	CRAWFORD KS	-29	127	61	65	52
2	5.7	1	2.6	1	1.7	DECATUR KS	-55	-34	-70	02	23
3	2.6	5	3.1	7	6.3	DICKINSON KS	20	101	142	83	92
1	1.6	1	1.5	2	4.3	DONIPHAN KS	-7	194	173	86	76
1	1.0	6	3.0	8	3.7	DOUGLAS KS	204	23	273	93	64
1	3.3	1	4.9	1	1.8	EDWARDS KS	46	-63	-46	11	24
1	2.0					ELK KS					
1	.9	3	2.7	8*	6.1	ELLIS KS	208	126	598	99	91
2	4.7			2	3.6	ELLSWORTH KS			-23	22	64
4	5.8	2	2.6	5	5.1	FINNEY KS	-55	98	-11	29	85
2	2.1	3	2.5	1	.6	FORD KS	22	-77	-72	02	13
3	2.9	4	3.5	5	3.3	FRANKLIN KS	18	-5	12	42	56
3	2.5	2	1.3	2	2.3	GEARY KS	-47	72	-9	30	32
1	3.1					GOVE KS					
1	4.3	1	4.0	3*	12.6	GRAHAM KS	-7	213	192	88	99
				2	8.1	GRANT KS					96
		1	3.9	2	7.7	GRAY KS		100			95
3	5.6	1	1.1	2	1.6	GREENWOOD KS	-81	51	-71	02	21
3	5.2	2	3.0	2	4.8	HARPER KS	-43	61	-8	31	83

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6	4.9	2	1.4	4	2.4	HARVEY KS	-72	79	-50	09	36
		3*	21.2			HASKELL KS					
2*	13.3			1	12.8	HODGEMAN KS			-4	34	99
		1	1.7	5*	7.6	JACKSON KS		350			95
3	5.4	1	1.0	2	2.8	JEFFERSON KS	-82	193	-48	10	45
1	2.3					JEWELL KS					
15	3.0	27	3.4	41	3.5	JOHNSON KS	12	1	14	44	60
				1	6.4	KEARNY KS					92
1	1.5	1	1.2	1	1.5	KINGMAN KS	-23	30	0	36	21
1	.9	4	3.1	7	4.2	LABETTE KS	236	38	364	96	75
2	1.2	2	1.1	5	2.2	LEAVENWORTH KS	-6	99	86	72	30
1	2.9	1	1.8	2	5.2	LINCOLN KS	-38	192	81	71	86
1	1.1	4*	10.5	1	2.9	LINN KS	827	-73	153	84	46
1	6.3	1	5.5			LOGAN KS	-12				
4	2.6	5	3.1	7	4.4	LYON KS	15	45	67	67	78
2	1.4	6	3.7	5	3.1	MC PHERSON KS	161	-18	113	78	50
3	3.3	3	3.6	2	2.5	MARION KS	9	-32	-26	21	36
1	1.1	3	3.4	3	4.2	MARSHALL KS	196	25	271	93	75
1	3.0	1	3.6	4*	10.0	MEADE KS	19	179	233	91	98
1	.9	1	.8	3	2.4	MIAMI KS	-9	196	170	86	36
		1	1.6	1	1.1	MITCHELL KS		-31			16
5	1.7	6	2.9	9	3.3	MONTGOMERY KS	70	14	93	74	57
		4*	10.3			MORRIS KS					
				2*	9.9	MORTON KS					98
2	3.0	2	3.5	3	1.9	NEMAHA KS	17	-48	-39	14	24
2	1.5	3	3.1	8*	6.7	NEOSHO KS	111	117	358	96	93
1	3.7	1	3.0	1	2.3	NESS KS	-20	-23	-39	14	31
		2	4.5	2	4.2	NORTON KS		-6			75
3	4.5	2	2.3	5	4.6	OSAGE KS	-48	98	3	37	80
				2	4.1	OSBORNE KS					73
1	2.6	2	4.3	3	5.5	OTTAWA KS	66	28	113	78	88
2	2.9			4	7.5	PAWNEE KS			160	85	95
3	6.2			2	3.8	PHILLIPS KS			-39	14	67
3	4.1	5*	8.3			POTTAWATOMIE KS	101				
2	2.7			2	2.6	PRATT KS			-5	33	39
1	4.0					RAWLINS KS					
3	1.0	13	4.0	12	3.1	RENO KS	310	-22	221	90	53
1	1.3			2	3.7	REPUBLIC KS			188	87	65
3	3.6	4	4.8	2	2.4	RICE KS	32	-49	-33	17	36
2	1.5	3	2.1	8	4.5	RILEY KS	38	113	194	88	80
1	1.8			1	2.2	ROOKS KS			24	50	30
1	2.7			2	6.8	RUSH KS			158	85	94
2	3.2	6*	8.6	3	4.6	RUSSELL KS	168	-46	44	58	80
8	3.5	5	1.9	10	3.9	SALINE KS	-47	107	11	42	69
41	3.1	54	3.4	66	3.9	SEDGWICK KS	8	16	26	51	70
2	3.1	1	1.4	2	2.3	SEWARD KS	-54	61	-26	21	33
16	2.9	23	3.3	31	4.1	SHAWNEE KS	15	22	40	57	72
3*	8.7	1	2.8			SHERMAN KS	-68				
				1	1.4	SMITH KS					19
1	1.9	2	8.0	4*	9.7	STAFFORD KS	318	22	410	97	98
				1	8.2	STANTON KS					96
		2*	8.7			STEVENS KS					
2	1.4	3	2.4	3	2.5	SUMNER KS	76	2	80	70	37
		1	2.8			THOMAS KS					
1	2.4	2	8.8	1	4.1	TREGO KS	276	-54	72	68	72
		1	1.3	2	5.8	WABAUNSEE KS		340			90
1	11.1	1	9.1			WALLACE KS	-18				
1	1.4	2	2.3	2	4.5	WASHINGTON KS	58	98	213	89	79
1	7.9	1	7.3	1	7.8	WICHITA KS	-8	7	-1	35	95
3	3.4			5	6.4	WILSON KS			86	72	92
2	6.1	1	3.4	1	1.6	WOODSON KS	-45	-53	-74	01	21
19	2.6	20	2.5	26	3.2	WYANDOTTE KS	-5	31	25	50	55
304	2.2	378	2.6	603	3.6	KENTUCKY KY	16	39	62		
2	2.8	4	5.9	5	7.2	ADAIR KY	113	23	161	85	94
1	1.3			1	1.0	ALLEN KY			-27	20	15
2	4.8	2	4.7	2	4.1	ANDERSON KY	-2	-13	-15	27	73
1	2.0			3	7.5	BALLARD KY			280	93	95
10*	7.3	2	1.5	5	3.2	BARREN KY	-79	110	-57	07	53
4*	8.6	2	4.8	1	.9	BATH KY	-43	-81	-89	00	15
		5	3.0	6	3.6	BELL KY		19			63
		6	4.6	7	4.4	BOONE KY		-5			78
2	2.8	1	1.2	6	6.0	BOURBON KY	-59	416	112	78	91
13*	4.8	8	3.0	7	2.3	BOYD KY	-38	-23	-52	08	32
		2	2.0	5	4.6	BOYLE KY		132			80
2	4.1			2	6.2	BRACKEN KY			50	60	92
		1	1.3	4	5.5	BREATHITT KY		324			88
		3	4.0	3	3.7	BRECKINRIDGE KY		-7			66
2	3.2	2	2.6	5	4.0	BULLITT KY	-18	53	26	51	72
2	4.0			3	4.2	BUTLER KY			5	39	75
2	2.7	1	1.7	5	6.0	CALDWELL KY	-38	262	126	80	91
1	1.0	3	2.4	2	1.0	CALLOWAY KY	137	-59	-3	34	15
15	3.2	10	2.2	11	2.4	CAMPBELL KY	-30	8	-25	21	34
1	3.2					CARLISLE KY					
				3	5.9	CARROLL KY					90
2	1.6	2	2.0	4	3.6	CARTER KY	20	83	120	79	63
2	2.9			2	3.1	CASEY KY			4	38	50
6	3.3	4	2.3	7	3.2	CHRISTIAN KY	-29	38	-2	35	54
1	1.1	2	1.9	4	3.4	CLARK KY	66	80	198	88	58
1	1.5	4	5.2	3	2.8	CLAY KY	257	-46	92	73	44
1	1.9			2	3.8	CLINTON KY			98	75	68
2	3.9			2	2.6	CRITTENDEN KY			-33	17	40
		1	1.9			CUMBERLAND KY					
7	2.5	8	2.1	15	3.7	DAVIESS KY	-14	75	50	61	65
		2	4.6	1	2.3	EDMONSON KY		-49			33
1	2.1			1	3.8	ELLIOTT KY			80	70	68
2	2.8	3	4.3	2	2.9	ESTILL KY	55	-32	6	39	47
7	1.5	20	3.3	24	3.2	FAYETTE KY	119	-4	111	77	53
1	1.6	3	6.3	3	3.6	FLEMING KY	280	-43	117	79	62

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	.2	4	2.0	9	4.5	FLOYD KY	758	124	1818	99	79
4	2.9	7	4.5	8	4.4	FRANKLIN KY	56	-3	52	61	78
1	1.6	1	2.1	6*	9.1	FULTON KY	35	329	477	98	97
				3*	12.3	GALLATIN KY					99
2	4.2			1	2.3	GARRARD KY			-44	12	33
1	1.8	5*	10.2	3	5.2	GRANT KY	459	-49	187	87	86
4	2.6	4	1.9	4	1.8	GRAVES KY	-29	-3	-31	18	24
2	2.2	1	1.1	6	5.7	GRAYSON KY	-47	404	165	86	89
				2	3.9	GREEN KY					68
3	2.2	3	1.9	5	2.9	GREENUP KY	-15	53	30	53	46
		1	3.1	1	3.3	HANCOCK KY		7			56
3	1.2	7	2.8	10	4.4	HARDIN KY	144	54	276	93	78
4	1.6	2	.9	5	2.4	HARLAN KY	-45	171	49	60	34
3	4.5	1	1.3	1	1.6	HARRISON KY	-71	22	-65	04	21
2	2.6	3	5.0	1	1.6	HART KY	90	-69	-40	13	21
3	2.1	4	2.4	5	2.8	HENDERSON KY	18	16	36	55	45
5*	8.5	2	5.0	2	2.9	HENRY KY	-42	-42	-66	04	46
1	2.7			1	3.1	HICKMAN KY			15	44	52
5	2.6	5	2.5	7	3.0	HOPKINS KY	-3	19	15	45	48
1	1.9	1	1.5	1	2.2	JACKSON KY	-19	40	14	44	29
60	2.4	75	2.6	140*	4.3	JEFFERSON KY	8	67	80	70	76
		1	1.4	1	1.3	JESSAMINE KY		-6			18
		3	3.3	4	3.9	JOHNSON KY		20			70
14	2.3	21	3.1	33	4.5	KENTON KY	35	45	97	74	80
1	1.0	1	1.5			KNOTT KY	56				
4	2.3	3	2.3	2	1.3	KNOX KY	-1	-44	-45	12	18
		2	3.9	1	1.3	LARUE KY		-66			19
1	.9	4	2.8	8	5.3	LAUREL KY	206	90	480	98	86
2	2.9	1	1.3	1	2.0	LAWRENCE KY	-56	59	-30	18	27
2	6.3					LEE KY					
1	2.9	1	1.0	3	4.9	LESLIE KY	-65	370	66	67	83
2	1.2	4	2.8	4	3.0	LETCHER KY	127	6	140	82	48
5*	6.8	1	1.7	1	1.6	LEWIS KY	-75	-8	-77	01	21
				4	4.8	LINCOLN KY					83
		1	2.9	3	7.1	LIVINGSTON KY		144			94
2	2.2	1	.6	3	1.9	LOGAN KY	-70	196	-11	29	25
		1	3.0	1	3.6	LYON KY		21			63
6	2.3	10	3.3	10	3.0	MC CRACKEN KY	44	-10	30	52	48
3	3.7	1	1.8	3	4.1	MC CREARY KY	-53	134	11	42	74
2	4.2	2	4.0	2	3.1	MC LEAN KY	-6	-23	-27	20	50
1	.6	6	4.0	9	4.6	MADISON KY	578	16	687	99	80
1	2.0					MAGOFFIN KY					
1	1.4	1	1.2	2	2.6	MARION KY	-16	119	84	72	40
		1	1.0	6	4.1	MARSHALL KY		326			72
2	2.4	2	2.4	3	3.4	MASON KY	1	41	43	58	58
1	1.3	1	2.2	2	3.0	MEADE KY	63	39	126	80	50
		1	4.2	1	5.2	MENIFEE KY		23			86
		5	6.3	3	3.6	MERCER KY		-43			62
		1	3.2			METCALFE KY					
1	1.7			3	4.6	MONROE KY			172	86	80
		1	1.4	5	5.8	MONTGOMERY KY		320			90
1	2.0	4*	7.2			MORGAN KY	253				
2	1.5	5	3.3	7	3.5	MUHLENBERG KY	117	6	129	81	62
2	2.5	3	2.8	5	4.4	NELSON KY	8	60	72	68	78
1	3.0			2	4.8	NICHOLAS KY			60	64	82
2	1.8	4	3.4	5	4.8	OHIO KY	91	40	168	86	83
		3	5.1	1	1.5	OLDHAM KY		-71			20
		3	7.5	3	6.0	OWEN KY		-21			91
				1	2.2	OWSLEY KY					31
1	2.1	2	4.2	3	5.6	PENDLETON KY	95	35	163	85	89
2	1.3	3	2.0	3	2.0	PERRY KY	54	3	58	64	27
6	1.6	6	1.9	17	5.1	PIKE KY	15	169	209	89	85
		1	3.3			POWELL KY					
6	3.5	7	4.0	7	2.7	PULASKI KY	16	-32	-22	23	43
3	4.5	1	1.8	1	1.4	ROCKCASTLE KY	-59	-22	-68	03	19
2	3.7	3	5.2	2	2.4	ROWAN KY	39	-54	-36	15	35
2	3.6			3	3.5	RUSSELL KY			-4	33	61
2	3.0	2	3.1	5	5.8	SCOTT KY	4	89	96	74	90
1	1.3	2	2.2	5	5.2	SHELBY KY	69	135	296	94	86
1	1.5	1	1.5			SIMPSON KY	0				
1	4.2					SPENCER KY					
1	1.6	3	3.6	2	2.2	TAYLOR KY	123	-39	36	55	30
3	6.2			4	7.5	TODD KY			20	47	95
1	2.7	1	2.6	1	3.5	TRIGG KY	-4	33	28	51	60
1	4.1			2	6.1	TRIMBLE KY			49	60	91
1	1.7	4	6.0			UNION KY	256				
4	2.1	3	1.4	7	2.5	WARREN KY	-35	80	17	46	36
1	1.8	1	2.3	2	3.4	WASHINGTON KY	32	45	91	73	58
1	1.7	4	6.4	3	3.8	WAYNE KY	282	-41	127	80	67
1	1.5	2	2.0	7*	8.7	WEBSTER KY	32	333	473	98	97
3	2.3	2	1.8	5	3.0	WHITLEY KY	-24	69	29	52	49
1	2.9	3*	10.0	3	9.8	WOLFE KY	243	-2	237	91	98
1	1.8	1	1.6	2	3.0	WOODFORD KY	-12	95	73	68	50
207	2.1	268	2.2	422	3.0	LOUISIANA LA	4	33	38		
2	.9	2	1.0	7	3.2	ACADIA LA	3	235	245	91	54
3	4.7	1	1.1	3	3.0	ALLEN LA	-76	167	-36	16	49
1	1.4	2	1.8	6	4.7	ASCENSION LA	23	163	224	90	81
1	1.9	2	3.0	2	2.9	ASSUMPTION LA	53	-2	51	61	47
5	3.7	4	2.7	4	1.9	AVOYELLES LA	-28	-29	-48	10	26
1	1.4	5	6.3	4	4.0	BEAUREGARD LA	336	-36	178	87	71
1	2.9	5*	10.7	1	1.1	BIENVILLE LA	276	-89	-60	06	17
2	2.0	3	.9	12	5.7	BOSSIER LA	-53	514	187	87	89
25	3.9	20	2.5	27	2.9	CADDO LA	-37	17	-26	20	46
9	2.1	12	2.2	12	1.9	CALCASIEU LA	5	-12	-8	31	26
		1	2.9	1	2.0	CALDWELL LA		-30			27
		3*	13.1	2	4.7	CAMERON LA		-64			82
2	6.4	1	2.7	1	1.7	CATAHOULA LA	-58	-35	-73	02	23
1	1.5	2	4.2	5	8.0	CLAIBORNE LA	177	90	426	97	96

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE RATES 70S/50S	1970S
1	5.1	2	3.9	1	1.3	CONCORDIA	LA	-22	-66	-73	01	19
		3	4.3	2	3.0	DE SOTO	LA		-30			49
18	3.8	22	2.8	30	3.1	EAST BATON ROUGE	LA	-27	14	-17	26	52
1	3.4			2	7.6	EAST CARROLL	LA			123	80	95
1	1.7			3	5.1	EAST FELICIANA	LA			206	89	86
2	1.3	2	1.8	3	1.6	EVANGELINE	LA	36	-13	19	47	21
2	2.8	2	2.4	2	2.2	FRANKLIN	LA	-16	-8	-23	22	30
1	1.8	2	2.8	2	2.9	GRANT	LA	52	5	59	64	47
2	1.5	5	2.8	6	2.9	IBERIA	LA	89	5	99	75	47
				3	3.1	IBERVILLE	LA					52
		2	2.6	2	3.8	JACKSON	LA		46			67
9	1.7	32	3.2	34	2.1	JEFFERSON	LA	81	-32	23	49	29
1	.9	4	3.5	2	1.6	JEFFERSON DAVIS	LA	308	-54	86	72	21
8	3.4	5	1.5	16	3.7	LAFAYETTE	LA	-55	141	9	41	65
2	1.1	3	1.4	11	3.6	LAFOURCHE	LA	25	151	215	89	62
		1	1.5	4	4.4	LA SALLE	LA		192			78
		1	1.0	5	4.8	LINCOLN	LA		375			83
		2	1.6	3	1.5	LIVINGSTON	LA		-7			20
				2	6.3	MADISON	LA					92
2	2.0			3	2.0	MOREHOUSE	LA			0	36	26
2	1.8	1	1.1	1	.6	NATCHITOCHES	LA	-40	-48	-69	03	13
37	1.7	44	2.1	67	3.2	ORLEANS	LA	26	47	85	72	53
2	.8	9	2.3	13	2.9	OUACHITA	LA	172	28	247	91	47
				2	2.3	PLAQUEMINES	LA					32
1	1.8			4	6.7	POINTE COUPEE	LA			262	92	93
10	3.1	7	1.8	16	3.2	RAPIDES	LA	-43	79	2	37	54
1	3.4	1	3.1	2	6.6	RED RIVER	LA	-11	116	92	73	93
2	2.2	1	1.3	4	5.0	RICHLAND	LA	-39	270	128	80	84
1	1.0	1	1.9	4	3.9	SABINE	LA	85	106	282	94	70
		3	2.2	9	3.4	ST BERNARD	LA		52			57
		1	1.6	1	.9	ST CHARLES	LA		-45			15
1	4.2	1	3.8			ST HELENA	LA	-9				
6*	15.2			3	6.2	ST JAMES	LA			-59	06	92
1	2.4	2	3.6			ST JOHN THE BAPT	LA	50				
3	1.1	7	2.9	7	2.6	ST LANDRY	LA	154	-8	133	81	40
5*	6.0	3	3.2	2	1.8	ST MARTIN	LA	-46	-44	-70	02	24
3	3.2	5	2.9	8	4.1	ST MARY	LA	-10	42	28	52	73
2	1.8	2	1.0	8	2.3	ST TAMMANY	LA	-41	124	31	53	33
4	2.2	3	1.3	9	3.5	TANGIPAHOA	LA	-40	159	56	63	61
		1	4.1			TENSAS	LA					
1	1.0	3	1.9	11	3.6	TERREBONNE	LA	99	88	274	93	62
		2	2.9	2	2.3	UNION	LA		-20			33
3	1.9	4	1.9	2	.7	VERMILION	LA	2	-65	-64	05	14
2	2.4	1	.9	3	2.0	VERNON	LA	-62	123	-15	27	27
3	1.9	7	4.4	10	5.7	WASHINGTON	LA	133	30	202	88	89
9*	7.6	5	3.6	6	3.8	WEBSTER	LA	-52	4	-50	09	67
		1	2.4	2	5.1	WEST BATON ROUGE	LA		114			85
2	3.7			1	1.1	WEST CARROLL	LA			-71	02	16
3	5.0	2	3.0	2	3.0	WINN	LA	-41	0	-40	13	48
102	2.2	142	2.8	157	2.6	MAINE	ME	28	-6	20		
11	2.4	13	2.6	17	3.1	ANDROSCOGGIN	ME	8	20	29	52	51
11	2.4	12	2.7	8	1.8	AROOSTOOK	ME	14	-33	-24	22	24
20	2.2	42	4.3	48	3.9	CUMBERLAND	ME	97	-8	81	71	69
2	1.8	1	1.1	4	3.1	FRANKLIN	ME	-40	195	77	70	52
9*	5.7	3	1.8	6	2.8	HANCOCK	ME	-69	57	-51	09	44
8	1.8	17	3.3	8	1.3	KENNEBEC	ME	78	-60	-29	19	18
4	2.7	3	2.0	4	1.9	KNOX	ME	-24	-7	-29	19	25
1	1.1	3	3.0	2	1.9	LINCOLN	ME	168	-37	69	67	25
4	1.8	5	2.1	7	2.4	OXFORD	ME	16	16	35	54	36
9	1.5	14	2.3	11	1.7	PENOBSCOT	ME	54	-28	12	42	23
1	1.1			1	.8	PISCATAQUIS	ME			-20	24	14
2	2.0	2	1.5	7	4.8	SAGADAHOC	ME	-26	218	134	82	83
2	1.0	4	2.0	8	3.7	SOMERSET	ME	92	86	257	92	66
2	1.5	4	3.3	2	1.4	WALDO	ME	115	-58	-9	30	19
1	.7	1	.5	1	.5	WASHINGTON	ME	-24	2	-23	22	13
15	3.0	18	3.2	23	3.0	YORK	ME	5	-4	1	36	50
272	2.4	354	2.4	539	3.1	MARYLAND	MD	2	29	31		
6	1.3	6	1.2	10	1.8	ALLEGANY	MD	-8	49	38	55	23
14	2.5	19	2.2	36	2.7	ANNE ARUNDEL	MD	-13	23	7	40	41
39	2.4	50	1.9	104	3.0	BALTIMORE	MD	-19	58	28	51	50
		2	3.6	2	2.0	CALVERT	MD		-43			28
2	2.5	3	2.8	6	5.3	CAROLINE	MD	12	90	113	78	87
12*	4.4	5	1.5	5	1.3	CARROLL	MD	-66	-14	-71	02	18
6	3.3	3	1.5	6	2.5	CECIL	MD	-54	65	-24	22	37
		7*	6.3	4	2.8	CHARLES	MD		-55			44
3	2.3	1	.6	5	3.8	DORCHESTER	MD	-73	515	65	66	68
5	1.5	11	3.0	9	2.0	FREDERICK	MD	101	-34	33	54	27
2	1.5	3	2.8	2	1.7	GARRETT	MD	80	-37	13	43	23
5	1.5	7	2.0	12	2.4	HARFORD	MD	34	22	64	66	36
6	5.0	5	2.7	12	4.0	HOWARD	MD	-47	51	-20	24	71
		1	1.8	3	4.6	KENT	MD		150			80
31	2.6	60	3.1	104	4.0	MONTGOMERY	MD	15	31	51	61	71
24	2.4	56	2.8	81	3.9	PRINCE GEORGE'S	MD	19	37	64	66	69
		1	2.3	5	4.4	QUEEN ANNE'S	MD		88			78
1	.4	1	.9	3	1.5	ST MARY'S	MD	147	62	300	94	20
2	3.0	2	3.6	2	1.8	SOMERSET	MD	20	-49	-39	14	24
4	4.3	2	1.5	2	2.0	TALBOT	MD	-65	36	-53	08	27
8	1.8	9	1.8	15	2.4	WASHINGTON	MD	-3	36	32	53	35
5	2.5	5	2.4	9	3.1	WICOMICO	MD	-7	29	20	47	50
1	.9			5	3.2	WORCESTER	MD			278	93	55
96	2.6	95	2.7	97	3.2	BALTIMORE CITY	MD	2	18	20	48	53
673	2.5	820	2.7	996	3.0	MASSACHUSETTS	MA	10	10	21		
12	4.3	16	2.9	27	2.3	BARNSTABLE	MA	-31	-21	-46	11	33
17	2.3	20	2.6	16	1.9	BERKSHIRE	MA	13	-25	-15	27	25

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43	2.0	44	1.8	81	3.0	BRISTOL MA	-12	70	51	61	49
		1	2.5	2	4.0	DUKES MA		63			71
64	2.0	80	2.3	106	2.7	ESSEX MA	16	18	36	55	42
8	2.6	7	2.3	15	4.2	FRANKLIN MA	-13	84	60	64	74
50	2.3	78	3.3	79	3.0	HAMPDEN MA	43	-10	28	52	48
8	1.5	13	2.3	30	4.4	HAMPSHIRE MA	53	90	191	87	78
174	2.8	202	2.8	273	3.4	MIDDLESEX MA	1	22	23	50	59
		2	7.5	1	2.3	NANTUCKET MA		-69			52
63	2.5	83	2.7	100	2.8	NORFOLK MA	8	6	15	44	45
29	2.3	46	3.2	71	3.8	PLYMOUTH MA	35	20	62	65	67
127	2.8	130	3.1	96	2.5	SUFFOLK MA	10	-17	-9	30	38
78	2.5	98	2.9	99	2.6	WORCESTER MA	16	-12	2	37	38
893	2.8	1142*	3.1	1388	3.4	MICHIGAN MI	12	10	23		
				3	6.2	ALGER MI					91
5	2.2	7	2.4	12	3.3	ALLEGAN MI	8	36	48	60	55
1	.8	4	3.0	4	2.3	ALPENA MI	273	-25	179	87	31
		2	3.3	1	1.0	ANTRIM MI		-71			15
2	4.4			3	3.3	ARENAC MI			-24	21	57
		1	2.5			BARAGA MI					
4	2.8	5	2.9	9	4.2	BARRY MI	3	45	50	60	74
16	3.1	18	3.3	21	3.6	BAY MI	5	8	13	43	62
2	5.0	1	1.7			BENZIE MI	-67				
24*	3.9	14	2.0	30	3.8	BERRIEN MI	-49	93	-1	35	68
4	2.6	8	4.4	5	2.7	BRANCH MI	68	-39	3	38	41
10	1.7	23	3.6	26	3.8	CALHOUN MI	107	6	119	79	66
3	2.2	9	5.1	4	2.0	CASS MI	133	-60	-7	31	27
2	3.4	2	2.5	4	3.9	CHARLEVOIX MI	-27	59	16	45	70
1	1.5	3	3.4	1	1.0	CHEBOYGAN MI	119	-69	-33	17	16
6	4.0	2	1.3	5	3.7	CHIPPEWA MI	-67	179	-7	31	66
1	2.1	3	3.5	6	5.1	CLARE MI	68	46	146	84	85
2	1.4	6	2.9	11	4.9	CLINTON MI	108	71	255	92	84
		2	6.7	1	1.6	CRAWFORD MI		-76			21
6	3.5	6	3.1	5	2.2	DELTA MI	-11	-28	-36	15	31
5	3.7	2	1.5	6	3.7	DICKINSON MI	-60	151	0	36	64
8	4.0	9	3.4	11	3.3	EATON MI	-14	-5	-19	25	55
3	2.8			4	4.1	EMMET MI			43	58	72
43	3.0	39	2.2	57	3.1	GENESEE MI	-27	43	5	39	53
				7*	6.5	GLADWIN MI					92
3	1.9	2	1.5	3	2.5	GOGEBIC MI	-22	71	34	54	37
5	2.9	9	5.0	7	3.1	GRAND TRAVERSE MI	69	-37	7	40	53
7	4.3	8	4.5	5	2.4	GRATIOT MI	6	-47	-43	12	35
5	2.8	6	3.4	10	4.8	HILLSDALE MI	21	40	69	67	83
7	3.7	2	.9	10	4.6	HOUGHTON MI	-77	425	23	49	80
3	2.1	2	1.2	7	4.3	HURON MI	-45	272	105	76	76
21	2.3	23	2.2	30	2.7	INGHAM MI	-5	24	18	46	41
3	1.8	4	2.1	14*	6.5	IONIA MI	18	213	268	93	93
1	1.8	1	.9	4	3.0	IOSCO MI	-48	225	69	67	49
2	2.0	3	3.2	1	.6	IRON MI	65	-80	-67	03	13
2	1.6	3	2.0	8	4.4	ISABELLA MI	27	118	176	86	77
13	2.4	9	1.5	28	3.9	JACKSON MI	-39	171	67	67	70
17	2.2	26	3.1	36	3.7	KALAMAZOO MI	38	23	70	68	66
		2	7.2			KALKASKA MI					
41	2.5	53	2.8	82	3.9	KENT MI	12	36	52	62	69
				1	6.7	KEWEENAW MI					93
1	4.2	1	3.7	1	1.9	LAKE MI	-12	-49	-55	08	25
4	2.3	5	2.2	8	2.8	LAPEER MI	-7	30	21	48	45
1	1.7			2	3.1	LEELANAU MI			75	69	50
11	3.5	16	4.0	12	2.8	LENAWEE MI	15	-31	-21	23	43
3	2.1	7	3.0	5	1.6	LIVINGSTON MI	48	-49	-25	21	21
				1	3.4	LUCE MI					59
1	2.5	3	5.6			MACKINAC MI	125				
35	2.7	62	2.8	110	3.9	MACOMB MI	6	37	44	58	69
4	4.1	5	4.5	7	5.9	MANISTEE MI	10	30	43	57	90
10	3.8	18*	6.5	14	4.6	MARQUETTE MI	70	-30	19	47	80
3	3.2	2	1.5	7	4.7	MASON MI	-52	209	47	59	81
1	1.1	5	4.8	4	2.4	MECOSTA MI	333	-50	117	79	35
1	.8	6	4.7	6	4.0	MENOMINEE MI	503	-15	411	97	71
5	3.1	5	2.8	10	3.4	MIDLAND MI	-8	21	12	42	59
2	7.2	1	2.5			MISSAUKEE MI	-65				
15	3.0	10	2.0	16	2.9	MONROE MI	-33	44	-4	33	46
2	1.1	6	3.0	4	1.9	MONTCALM MI	178	-37	74	69	25
				2	3.6	MONTMORENCY MI					64
17	2.7	27	3.9	30	4.0	MUSKEGON MI	43	2	47	59	71
2	1.7	5	3.9	11*	6.5	NEWAYGO MI	125	69	281	93	93
81	3.2	110	3.1	150	3.3	OAKLAND MI	-4	7	3	37	55
3	4.0	3	3.3	3	2.8	OCEANA MI	-18	-15	-31	18	44
2	3.9	1	2.1	2	2.0	OGEMAW MI	-48	-4	-50	10	26
2	2.3	1	1.4	5	5.5	OSCEOLA MI	-41	297	134	82	88
				1	1.8	OSCODA MI					24
4*	12.0					OTSEGO MI					
6	2.0	14	2.8	27	4.3	OTTAWA MI	43	54	120	79	76
1	1.9			2	2.6	PRESQUE ISLE MI			35	54	40
1	2.6	1	2.5	8*	7.0	ROSCOMMON MI	-5	185	171	86	94
21	2.8	28	3.2	29	3.1	SAGINAW MI	15	-4	11	42	51
16	3.1	17	2.9	27	4.1	ST CLAIR MI	-5	41	35	54	73
5	2.7	10	4.0	3	1.2	ST JOSEPH MI	51	-70	-56	07	17
2	1.1	4	2.4	4	1.6	SANILAC MI	114	-31	47	59	22
3	7.3	2	4.7	1	2.2	SCHOOLCRAFT MI	-36	-52	-69	03	31
5	2.1	5	1.7	15	4.5	SHIAWASSEE MI	-19	165	116	78	79
4	2.2	5	2.3	6	2.2	TUSCOLA MI	3	-3	0	36	30
4	1.7	9	3.7	10	3.0	VAN BUREN MI	116	-21	71	68	48
17	2.6	27	3.5	28	3.1	WASHTENAW MI	31	-11	17	46	51
317	2.9	399*	3.6	332	3.3	WAYNE MI	24	-8	15	44	56
1	1.1	3	3.2	3	2.5	WEXFORD MI	191	-21	130	81	37
501*	3.1	607*	3.3	766*	3.7	MINNESOTA MN	7	13	21		
1	1.3	2	2.5	1	1.0	AITKIN MN	86	-61	-27	20	15

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WHITE FEMALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
9	4.1	10	1.7	24	4.1	ANOKA MN	-59	146	0	36	73
2	1.5	3	2.4	2	1.1	BECKER MN	62	-53	-24	21	17
		1	.9	4	3.2	BELTRAMI MN		253			54
2	2.0	2	1.9	7	6.8	BENTON MN	-7	256	233	91	93
1	2.3					BIG STONE MN					
4	1.9	4	1.6	10	4.0	BLUE EARTH MN	-18	153	108	77	71
5	3.4	6	4.4	9	5.3	BROWN MN	30	20	56	63	87
5	4.2	5	3.5	5	3.2	CARLTON MN	-17	-6	-22	23	55
3	2.9	3	2.2	2	1.4	CARVER MN	-23	-39	-53	08	19
2	2.1	6*	5.0	2	1.2	CASS MN	137	-76	-43	12	17
2	2.3	4	4.0	2	2.4	CHIPPEWA MN	73	-40	3	38	35
3	4.3	1	1.3	9*	7.9	CHISAGO MN	-69	498	83	71	96
3	1.5	10*	5.1	10	4.7	CLAY MN	244	-8	218	90	82
1	2.3	1	2.0			CLEARWATER MN	-12				
		1	5.5	2	8.4	COOK MN		53			96
2	2.4	5	5.6	2	2.4	COTTONWOOD MN	129	-57	-1	35	35
6	3.8	4	2.4	5	2.5	CROW WING MN	-36	2	-34	16	37
10	3.7	11	2.3	26	4.2	DAKOTA MN	-38	87	16	45	75
4	5.8	3	4.5	4	4.9	DODGE MN	-21	9	-14	28	84
2	1.8	2	1.7	4	3.3	DOUGLAS MN	-2	89	85	72	55
4	3.0	2	1.7			FARIBAULT MN	-43				
2	1.3	3	2.4	5	3.2	FILLMORE MN	82	31	139	82	53
6	3.3	6	2.8	5	2.5	FREEBORN MN	-18	-10	-26	21	36
5	2.6	4	1.7	4	2.1	GOODHUE MN	-36	28	-18	25	29
2	4.8	1	2.3	1	1.7	GRANT MN	-53	-26	-65	04	22
147*	3.6	173*	3.7	217*	4.3	HENNEPIN MN	3	17	20	48	77
6*	8.8	1	1.2	7*	6.8	HOUSTON MN	-86	459	-24	22	93
1	2.0	1	1.2	3	4.7	HUBBARD MN	-37	279	140	83	81
1	1.4	3	3.2	2	2.1	ISANTI MN	132	-34	52	62	28
3	1.7	2	1.0	7	3.3	ITASCA MN	-40	226	96	74	56
1	1.4	6*	7.9	3	3.1	JACKSON MN	482	-60	131	81	53
1	2.2			1	1.4	KANABEC MN			-38	14	19
1	1.1	7	4.9	9	4.7	KANDIYOHI MN	365	-6	338	95	81
2	4.4	1	2.6	3	7.3	KITTSON MN	-42	187	67	67	95
3	4.0	1	1.1	1	1.3	KOOCHICHING MN	-72	15	-68	03	18
4	6.8	3	4.5			LAC QUI PARLE MN	-33				
		4	6.5	3	4.7	LAKE MN		-27			82
5	5.2	7*	6.6	4	2.7	LE SUEUR MN	27	-59	-49	10	41
1	1.9	2	7.8	3	4.8	LINCOLN MN	303	-38	152	84	63
6	5.1	4	3.4	5	4.3	LYON MN	-33	26	-16	27	75
1	.8	6	3.9	2	1.3	MC LEOD MN	359	-66	57	63	18
		3*	11.7	1	7.1	MAHNOMEN MN		-39			94
		2	2.8	2	3.1	MARSHALL MN		9			51
4	3.0	6	4.0	6	3.8	MARTIN MN	32	-5	26	51	67
6*	6.5	2	1.9	2	1.2	MEEKER MN	-71	-35	-81	00	18
3	3.8	2	2.6	4	4.7	MILLE LACS MN	-32	82	24	50	82
1	.8	4	3.0	7	4.7	MORRISON MN	300	56	524	98	82
8	3.4	7	2.9	8	3.1	MOWER MN	-13	7	-8	31	52
1	1.6			1	1.9	MURRAY MN			24	50	26
2	1.6	2	1.6	6	4.3	NICOLLET MN	1	166	169	86	77
1	.9	3	2.7	5	3.5	NOBLES MN	197	28	278	93	61
4*	6.0	1	1.3	3	5.7	NORMAN MN	-78	328	-4	33	89
25*	8.8	9	2.4	18	4.1	OLMSTED MN	-73	72	-53	08	73
6	2.3	5	2.2	12	3.2	OTTER TAIL MN	-5	48	41	57	54
1	1.7	3	4.2	2	2.7	PENNINGTON MN	153	-37	59	64	41
1	1.0	1	1.3	2	2.5	PINE MN	22	98	143	83	37
4	6.4	3	4.2			PIPESTONE MN	-34				
3	1.7	6	3.2	8	3.7	POLK MN	85	15	112	78	64
2	3.8	2	3.2	2	3.4	POPE MN	-18	7	-12	28	58
67	3.3	74	3.2	104*	4.1	RAMSEY MN	-3	27	23	49	72
		1	4.5	1	3.1	RED LAKE MN		-31			51
		2	2.1	3	2.4	REDWOOD MN		16			36
		7*	5.3	5	3.0	RENVILLE MN		-44			48
4	2.0	9	4.5	10	4.4	RICE MN	131	-2	126	80	78
3	4.8	1	1.7	3	4.5	ROCK MN	-64	160	-6	32	80
1	1.3	1	1.9	5*	6.9	ROSEAU MN	40	269	415	97	94
41	3.5	59*	4.7	43	3.4	ST LOUIS MN	33	-28	-4	33	58
4	4.6	2	2.1	7	4.3	SCOTT MN	-56	112	-6	32	77
		1	1.6	3	3.1	SHERBURNE MN		92			50
		2	2.6	1	1.4	SIBLEY MN		-46			19
7	2.0	14	3.4	13	2.8	STEARNS MN	69	-17	39	56	45
1	.9	5	3.4	6	4.3	STEELE MN	260	27	358	96	76
2	4.0	4*	7.1	1	1.5	STEVENS MN	80	-79	-62	06	20
		3	3.8	2	2.5	SWIFT MN		-34			37
5	4.1	4	3.1	5	3.6	TODD MN	-24	17	-11	29	64
1	3.0	3*	8.7	1	1.8	TRAVERSE MN	195	-80	-40	13	23
2	2.1	3	2.6	2	1.5	WABASHA MN	23	-41	-28	20	20
		1	1.1	2	2.7	WADENA MN		154			41
4	4.9	4	4.3	4	4.3	WASECA MN	-13	0	-13	28	76
8	4.3	8	2.6	14	3.8	WASHINGTON MN	-39	45	-12	29	66
1	1.5	4	5.3	1	2.3	WATONWAN MN	266	-57	56	63	31
1	1.3	2	4.7	6*	11.9	WILKIN MN	270	154	839	99	99
4	1.7	6	2.7	7	2.2	WINONA MN	55	-17	29	52	31
3	1.9	4	2.2	11	5.3	WRIGHT MN	14	143	177	86	86
1	1.3	1	1.4	2	2.4	YELLOW MEDICINE MN	9	70	86	72	36
158	2.6	245*	3.5	344*	4.1	MISSISSIPPI MS	36	16	58		
1	1.1	5	4.8	4	4.0	ADAMS MS	328	-18	250	92	70
4	3.3	3	2.3	12*	7.6	ALCORN MS	-31	238	132	81	95
2	4.5	3	9.2	1	3.1	AMITE MS	103	-66	-31	18	53
3	4.2	1	1.5	4	5.6	ATTALA MS	-64	267	34	54	89
				1	4.6	BENTON MS					80
1	1.2			2	1.9	BOLIVAR MS			66	66	26
3	5.4	2	2.9	7*	11.8	CALHOUN MS	-47	312	118	79	98
2	6.6	2	6.8			CARROLL MS	3				
3	5.5	3	4.6	2	2.6	CHICKASAW MS	-17	-43	-53	08	40
1	2.6			1	2.3	CHOCTAW MS			-14	28	31
		1	7.7	2*	9.2	CLAIBORNE MS		20			97
		2	4.2	4	5.3	CLARKE MS		27			87

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		4*	7.4	3	4.7	CLAY MS		-36			82
		4	5.4	4	4.5	COAHOMA MS		-17			79
2	2.6	3	4.4	2	2.4	COPIAH MS	73	-46	-7	31	34
2	3.2	3	5.7	3	5.2	COVINGTON MS	76	-9	61	65	86
		1	1.3	6	5.6	DE SOTO MS		342			89
3	1.7	2	.9	12	4.8	FORREST MS	-46	433	188	87	83
		5*	16.0			FRANKLIN MS					
1	2.5	4*	9.3	3	4.6	GEORGE MS	264	-51	80	70	80
1	3.8	1	3.1	1	2.3	GREENE MS	-17	-28	-40	13	31
1	2.5	3	4.8	2	2.4	GRENADA MS	91	-50	-4	33	33
		2	2.4	1	.9	HANCOCK MS		-63			15
7	2.0	15	3.5	30*	5.4	HARRISON MS	79	53	173	86	87
15	3.0	27*	4.5	35*	4.6	HINDS MS	48	2	50	61	80
2	3.5	3	5.8	1	2.0	HOLMES MS	67	-66	-44	12	26
1	4.4	1	3.8			HUMPHREYS MS	-14				
		1*	20.6			ISSAQUENA MS					
1	1.0	2	3.2	8*	8.1	ITAWAMBA MS	226	152	720	99	96
2	1.3	5	1.6	17	4.9	JACKSON MS	22	202	268	93	84
2	4.0	3	6.0	4	8.0	JASPER MS	51	32	100	75	96
2	6.5			1	2.2	JEFFERSON DAVIS MS			-67	04	29
3	1.4	12*	5.1	12	5.0	JONES MS	257	-1	253	92	85
1	2.8	1	3.2	2	6.2	KEMPER MS	17	94	127	80	92
		2	2.6	4	4.6	LAFAYETTE MS		78			81
1	1.4			3	3.6	LAMAR MS			150	84	62
1	.5	6	2.3	8	2.9	LAUDERDALE MS	414	25	544	99	47
1	2.7			3	4.2	LAWRENCE MS			54	62	75
2	3.4	2	2.9	3	4.8	LEAKE MS	-14	63	40	56	82
9*	5.4	9	5.2	10	4.4	LEE MS	-3	-15	-18	25	78
2	3.2	2	1.8	4	4.0	LEFLORE MS	-43	119	25	50	71
2	2.0	1	1.0	5	4.1	LINCOLN MS	-52	331	109	77	73
3	2.9	4	2.8	5	3.1	LOWNDES MS	-5	9	4	38	50
1	2.0	2	3.4	2	2.7	MADISON MS	69	-21	33	54	42
2	2.6	3	3.6	3	2.3	MARION MS	42	-36	-9	30	33
3*	7.5			1	1.4	MARSHALL MS			-81	00	19
		7	5.9	2	1.2	MONROE MS		-79			18
1	1.8	2	4.0	2	3.7	MONTGOMERY MS	118	-7	102	76	65
1	1.2			9*	11.0	NESHOBA MS			839	99	98
2	2.8	1	1.4	6	7.5	NEWTON MS	-51	444	166	86	95
		1	3.3	2	8.4	NOXUBEE MS		159			96
2	3.3	2	2.9	3	5.5	OKTIBBEHA MS	-12	19	5	39	60
5*	7.1	1	1.3	1	1.5	PANOLA MS	-82	14	-79	00	20
2	2.8	4	3.9	5	4.1	PEARL RIVER MS	41	3	45	58	72
				2	4.8	PERRY MS					83
2	1.8	3	2.6	3	3.1	PIKE MS	43	21	73	69	52
2	3.8	3	3.8	3	2.8	PONTOTOC MS	-1	-26	-27	20	44
		3	3.9	4	3.4	PRENTISS MS		-15			57
1	2.5	1	2.4	1	2.4	QUITMAN MS	-5	-1	-6	32	34
2	2.2	4	3.3	8	4.4	RANKIN MS	46	35	98	75	78
2	3.4	2	2.4	3	3.2	SCOTT MS	-30	37	-5	33	55
1	6.4	1	5.5	1	9.5	SHARKEY MS	-14	72	48	60	98
1	1.3	1	1.1	3	3.3	SIMPSON MS	-17	193	145	83	55
3	5.1	1	1.6	3	4.1	SMITH MS	-69	160	-20	24	73
2	9.6	1	3.5			STONE MS	-64				
4	5.4	2	2.6	1	1.2	SUNFLOWER MS	-53	-54	-78	01	17
4*	7.6	2	3.9	2	3.8	TALLAHATCHIE MS	-49	-1	-50	10	68
		3	6.2	2	3.0	TATE MS		-52			49
2	3.1	6*	9.1	3	4.1	TIPPAH MS	191	-55	32	53	73
2	2.7	7*	8.5	6	5.4	TISHOMINGO MS	215	-37	100	75	88
		2*	10.7			TUNICA MS					
2	2.5	4	4.1	4	4.0	UNION MS	65	-4	59	64	71
1	2.4	3	7.5	3	5.5	WALTHALL MS	208	-27	124	80	88
8*	6.7	5	3.8	5	3.5	WARREN MS	-43	-9	-48	10	61
1	.6	5	3.6	10	6.0	WASHINGTON MS	522	67	942	99	91
2	3.5	2	3.3	2	2.8	WAYNE MS	-7	-14	-20	24	45
1	2.4	3	5.9	1	1.4	WEBSTER MS	146	-77	-43	12	19
2*	9.2	1	4.3			WILKINSON MS	-53				
2	3.0	2	3.1	1	.9	WINSTON MS	4	-71	-70	02	15
		4*	9.4	3	4.7	YALOBUSHA MS		-50			81
5*	6.7	1	1.4	2	2.5	YAZOO MS	-79	76	-62	06	38
546	2.6	630	2.8	845	3.3	MISSOURI MO	5	20	25		
1	.7			4	3.1	ADAIR MO			348	96	53
		3	4.4	1	1.4	ANDREW MO		-69			19
2	3.5			1	2.6	ATCHISON MO			-25	21	39
4	3.3	7	5.1	5	3.4	AUDRAIN MO	56	-34	3	38	58
3	2.6	2	1.6	2	2.1	BARRY MO	-36	30	-17	26	28
2	3.4			3	3.2	BARTON MO			-4	34	54
3	3.2			3	2.7	BATES MO			-15	27	43
2	3.8	1	1.2	3	3.0	BENTON MO	-68	150	-21	23	49
1	2.8	1	2.4			BOLLINGER MO	-14				
7	3.0	4	1.5	9	2.4	BOONE MO	-51	62	-20	24	36
11	2.5	11	2.2	22	4.0	BUCHANAN MO	-14	87	61	65	72
2	1.0	2	1.2	7	3.4	BUTLER MO	16	162	228	90	57
		5*	11.4	2	4.3	CALDWELL MO		-62			76
2	1.6	7	5.5	3	2.6	CALLAWAY MO	240	-54	57	63	39
2	4.9	1	1.3	4	2.5	CAMDEN MO	-74	95	-48	10	37
3	1.5	5	2.2	8	2.6	CAPE GIRARDEAU MO	45	18	72	68	39
3	3.6	1	1.0	4	6.2	CARROLL MO	-74	547	72	68	92
1	4.5	1	5.2	2	5.2	CARTER MO	16	-1	15	44	86
3	2.5	6	4.2	11	5.0	CASS MO	65	21	99	75	84
3	6.0	2	3.4	1	.6	CEDAR MO	-43	-84	-91	00	13
2	2.2	2	3.2	1	.7	CHARITON MO	44	-78	-69	03	14
2	3.1	2	2.8	2	2.2	CHRISTIAN MO	-11	-19	-28	19	30
		1	3.1	5*	9.4	CLARK MO		199			97
11	3.6	9	1.9	25	4.3	CLAY MO	-47	126	20	47	76
1	1.3			3	4.4	CLINTON MO			227	90	77
3	1.4	2	1.0	15*	5.8	COLE MO	-30	472	302	94	89
3	3.7	3	3.2			COOPER MO	-13				
		6*	7.1	4	3.2	CRAWFORD MO		-55			53

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		2	3.8			DADE MO					
2	3.5	1	1.4	7*	10.0	DALLAS MO	-59	600	187	87	98
		1	2.9			DAVIESS MO					
				2	2.8	DE KALB MO					45
2	3.5			1	.8	DENT MO			-77	01	14
		2	4.5	4	7.7	DOUGLAS MO		68			95
2	.9	2	1.0	4	2.0	DUNKLIN MO	14	103	132	81	27
5	2.6	8	3.5	7	2.2	FRANKLIN MO	35	-38	-16	26	29
		1	1.1	4	5.5	GASCONADE MO		406			89
2	4.9	4*	5.3	4	6.9	GENTRY MO	8	29	40	56	94
13	2.1	33*	4.3	34	3.9	GREENE MO	106	-10	85	72	69
1	1.5			1	.7	GRUNDY MO			-52	09	14
1	1.2	3	3.0	4	3.8	HARRISON MO	145	26	208	89	68
2	1.7	2	1.4	1	.6	HENRY MO	-15	-60	-66	04	13
		1	2.1			HICKORY MO					
2	5.5	1	3.3	1	1.7	HOLT MO	-41	-48	-70	02	22
2	3.8			1	2.5	HOWARD MO			-35	16	38
3	2.6	6	5.0	4	2.9	HOWELL MO	90	-43	8	41	46
		1	1.7	2	3.9	IRON MO		124			69
99*	3.4	103	3.4	104	3.3	JACKSON MO	0	-3	-3	34	55
14	3.4	12	2.5	12	2.4	JASPER MO	-26	-5	-30	19	34
5	2.0	9	2.3	22	4.1	JEFFERSON MO	11	82	102	76	73
7*	5.8	6	4.5	4	2.4	JOHNSON MO	-22	-47	-59	06	33
		1	3.1	2	4.7	KNOX MO		50			81
5	5.3	2	1.8	3	2.7	LACLEDE MO	-66	52	-49	10	41
4	2.8	5	3.0	10	5.5	LAFAYETTE MO	10	83	101	76	89
3	2.5	5	2.9	8	4.7	LAWRENCE MO	16	63	90	73	81
2	3.3	1	2.4			LEWIS MO	-27				
2	2.4	2	2.3	2	1.4	LINCOLN MO	-2	-39	-40	13	19
5	4.8			5	5.9	LINN MO			25	50	90
		3	2.9	3	3.9	LIVINGSTON MO		35			70
1	1.6			2	2.5	MC DONALD MO			53	62	37
1	.6	2	2.1	4	4.1	MACON MO	256	92	583	99	72
4*	7.2			3	4.3	MADISON MO			-40	14	77
				1	2.0	MARIES MO					26
2	1.5	7	4.8	6	3.4	MARION MO	226	-29	131	81	59
2	5.7	1	1.8	4*	13.1	MERCER MO	-68	623	129	81	99
1	1.1	4	5.5	5	3.4	MILLER MO	422	-38	226	90	60
		2	2.5	3	3.1	MISSISSIPPI MO		26			51
		2	2.2	3	4.8	MONITEAU MO		117			83
		2	5.1	1	2.9	MONROE MO		-42			47
1	1.8	1	.7	4	3.8	MONTGOMERY MO	-60	424	110	77	68
1	1.9	1	1.0	4	7.1	MORGAN MO	-48	632	278	93	94
3	2.0	3	2.7	2	2.0	NEW MADRID MO	32	-26	-3	34	27
2	1.3	7	4.2	9	4.0	NEWTON MO	228	-5	210	89	71
3	2.3	4	4.1	1	.8	NODAWAY MO	73	-81	-67	04	14
1	1.8	1	2.4	3	3.5	OREGON MO	36	45	97	75	61
		1	2.7	2	2.5	OSAGE MO		-6			37
		1	2.3	1	2.4	OZARK MO		4			34
		7	5.4	7	6.2	PEMISCOT MO		15			92
2	2.7	6*	8.2	6	5.9	PERRY MO	207	-28	121	79	90
3	1.8	4	1.7	2	1.1	PETTIS MO	-8	-35	-41	13	16
1	.8			3	2.1	PHELPS MO			159	85	28
1	.7	3	3.4	6	6.9	PIKE MO	412	102	935	99	94
1	1.1	5	4.2	9	5.8	PLATTE MO	294	38	444	97	90
2	2.3	1	1.2	6	6.3	POLK MO	-47	417	176	86	92
		1	.6	4	3.3	PULASKI MO		444			57
4*	9.4	1	3.3			PUTNAM MO	-65				
1	2.0	4*	9.5			RALLS MO	364				
4	3.1	3	1.5	2	1.1	RANDOLPH MO	-52	-25	-64	05	17
		3	3.6	2	1.8	RAY MO		-51			23
		2	5.5	2	3.4	REYNOLDS MO		-38			59
1	1.7	2	3.2			RIPLEY MO	84				
3	1.6	12	4.1	18	4.2	ST CHARLES MO	155	2	159	85	74
		3	5.7	4	8.1	ST CLAIR MO		44			96
2	3.7	2	3.2	2	2.9	STE GENEVIEVE MO	-13	-8	-20	24	47
2	.9	3	1.5	5	1.7	ST FRANCOIS MO	63	11	81	71	22
92*	3.2	107	2.7	188*	3.8	ST LOUIS COUNTY MO	-17	43	19	47	68
3	1.9	4	2.7	3	1.3	SALINE MO	41	-51	-30	18	18
				1	3.3	SCHUYLER MO					57
1	2.0					SCOTLAND MO					
6	3.8	3	1.8	8	4.4	SCOTT MO	-52	146	17	45	78
		2	5.6	1	3.0	SHANNON MO		-46			49
		1	1.7	2	2.3	SHELBY MO		36			33
2	1.3	4	2.9	8	5.3	STODDARD MO	123	82	306	94	87
2	4.5	1	3.3	1	.7	STONE MO	-27	-79	-84	00	14
2	4.5			4	5.7	SULLIVAN MO			25	51	89
1	2.4			4	2.3	TANEY MO			-7	32	31
4	4.5	3	3.1	3	2.4	TEXAS MO	-30	-23	-47	11	35
6	4.8	2	1.1	3	3.5	VERNON MO	-78	230	-27	20	61
		2	3.2	2	2.1	WARREN MO		-32			29
		2	2.3	1	1.0	WASHINGTON MO		-55			16
				2	1.8	WAYNE MO					23
2	2.2	2	2.0	1	.8	WEBSTER MO	-6	-62	-64	05	14
3	4.2	1	1.4	2	2.0	WRIGHT MO	-67	43	-53	08	26
113	3.1	94	3.0	69	2.7	ST LOUIS CITY MO	-4	-11	-15	27	41
54	1.9	81	2.6	123	3.4	MONTANA MT	36	35	84		
		2	6.4			BEAVERHEAD MT					
				1	3.5	BIG HORN MT					61
				1	3.8	BLAINE MT					67
		1	8.4	2*	14.3	BROADWATER MT		71			99
1	1.7	3	5.7	2	3.8	CARBON MT	229	-32	122	79	68
6	2.1	4	1.2	17	4.5	CASCADE MT	-45	288	114	78	79
		3*	8.5			CHOUTEAU MT					
2	3.2	2	3.3	1	1.5	CUSTER MT	3	-53	-52	09	20
1	2.1	2	3.8	1	1.9	DAWSON MT	83	-51	-10	30	25
1	1.0			3	4.8	DEER LODGE MT			386	97	83
3	4.7	1	1.5	4	5.6	FERGUS MT	-68	270	19	47	89

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
4	2.5	5	3.0	9	3.9	FLATHEAD MT	19	29	54	62	69
		3	2.9	5	3.2	GALLATIN MT		12			54
		2*	24.4			GARFIELD MT					
		1	3.5			GLACIER MT					
		1	6.7	1	5.4	GRANITE MT		-19			88
		3	4.3	3	4.1	HILL MT		-5			73
		1	3.6	3*	9.8	JEFFERSON MT		169			98
1	1.3	2	3.2	3	4.4	LAKE MT	146	34	231	91	77
5	4.5	7	4.5	11	5.3	LEWIS AND CLARK MT	1	17	19	46	87
				1	8.8	LIBERTY MT					97
1	1.2	4	6.3			LINCOLN MT	408				
				1	2.0	MADISON MT					27
				1	9.9	MEAGHER MT					98
6	3.4	5	2.1	13	4.6	MISSOULA MT	-39	125	37	55	81
		1	4.4			MUSSELSHELL MT					
		3	4.4	3	4.9	PARK#MT		10			84
1	4.2	1	4.0	2	8.3	PHILLIPS MT	-5	109	98	75	96
1	2.4			1	2.8	PONDERA MT			19	47	44
2	6.7			1	2.8	POWELL MT			-59	06	43
				1	11.2	PRAIRIE MT					98
		1	1.6	2	2.6	RAVALLI MT		64			39
2	4.6	2	3.5			RICHLAND MT	-25				
				1	2.6	ROOSEVELT MT					39
				2	5.8	SANDERS MT					89
				3*	10.8	SHERIDAN MT					98
6	2.2	6	2.4	7	2.7	SILVER BOW MT	12	11	25	50	42
1	6.9			3*	17.2	SWEET GRASS MT			148	84	99
		1*	17.9			TREASURE MT					
		2	4.1	1	2.4	VALLEY MT		-41			35
		1	4.9	1	6.0	WHEATLAND MT		24			91
		1*	9.2			WIBAUX MT					
10	3.2	10	2.5	12	2.5	YELLOWSTONE MT	-22	1	-21	23	38
197	2.8	235	3.1	286	3.4	NEBRASKA NB	12	10	23		
2	1.3	6	3.9	5	2.6	ADAMS NB	203	-35	98	75	39
		1	2.0			ANTELOPE NB					
1	3.0	3	4.6	2	3.8	BOONE NB	55	-17	28	52	67
3	4.6	3	5.0	2	2.6	BOX BUTTE NB	10	-48	-42	13	40
				2	8.2	BOYD NB					96
				1	2.7	BROWN NB					42
3	2.4	5	3.3	4	2.8	BUFFALO NB	36	-16	14	44	44
1	1.4	2	3.0	1	2.0	BURT NB	115	-34	41	57	26
3	5.0	3	4.5	3	3.5	BUTLER NB	-10	-22	-30	18	61
4	4.7	4	4.3	4	3.0	CASS NB	-8	-30	-35	16	49
4	5.2	5*	7.5	5	7.0	CEDAR NB	43	-6	35	54	94
1	3.7	1	2.9	1	4.7	CHASE NB	-21	62	28	51	81
		1	2.3	1	3.7	CHERRY NB		63			66
1	1.2	3	5.1	3	5.0	CHEYENNE NB	325	-2	316	95	84
		1	2.5	2	2.7	CLAY NB		6			41
		3	6.1	4	6.0	COLFAX NB		-2			91
2	3.0	1	1.2	1	1.7	CUMING NB	-60	36	-46	11	22
2	2.2	3	3.3	4	4.0	CUSTER NB	49	23	83	71	71
		1	1.5	1	1.0	DAKOTA NB		-32			16
1	1.8					DAWES NB					
3	3.1	4	3.8	3	2.4	DAWSON NB	22	-37	-23	22	35
1	6.1					DEUEL NB					
1	2.1	1	2.3			DIXON NB	7				
3	1.7	2	1.2	10	5.0	DODGE NB	-30	327	197	88	85
53	3.4	46	2.6	79	4.2	DOUGLAS NB	-23	59	22	49	74
				1	5.8	DUNDY NB					90
		3	6.1	2	3.9	FILLMORE NB		-36			69
1	2.3			3	9.2	FRANKLIN NB			297	94	97
1	1.9	4*	9.4	3	7.1	FURNAS NB	383	-24	266	93	94
6	3.8	8	5.5	6	3.7	GAGE NB	45	-33	-3	34	65
		1	6.1			GARDEN NB					
2*	14.4	1	8.7			GARFIELD NB	-40				
		1	7.8			GOSPER NB					
		2*	39.5			GRANT NB					
1	3.6	2	6.4	1	4.8	GREELEY NB	77	-26	31	53	82
3	1.9	9	4.3	12	4.8	HALL NB	125	11	151	84	82
1	2.4					HAMILTON NB					
		1	3.6			HARLAN NB					
1	9.5	2*	23.6			HAYES NB	147				
1	3.5			2	6.1	HITCHCOCK NB			72	68	91
3	4.1	1	1.6	6*	6.6	HOLT NB	-59	300	62	65	93
		1	3.0	1	3.0	HOWARD NB		0			49
3	3.8	2	4.2	6*	9.0	JEFFERSON NB	10	115	136	82	97
1	2.7			3	7.5	JOHNSON NB			181	87	95
		1	3.3	1	3.0	KEARNEY NB		-8			49
3*	7.7	1	2.4	3	5.2	KEITH NB	-69	115	-33	17	86
		1*	11.9			KEYA PAHA NB					
				2	6.4	KIMBALL NB					92
3	4.3	5*	6.6	3	3.4	KNOX NB	54	-48	-20	24	59
22	3.1	33*	4.2	27	3.1	LANCASTER NB	37	-25	2	37	53
4	2.7	1	.6	9	5.5	LINCOLN NB	-77	783	101	76	88
		1*	21.3			LOGAN NB					
		6	4.3	5	3.6	MADISON NB		-16			63
1	2.2	2	4.3			MERRICK NB	91				
		1	2.8			MORRILL NB					
		1	3.9			NANCE NB					
1	1.7					NEMAHA NB					
1	1.9					NUCKOLLS NB					
2	2.1	6*	7.0	2	1.6	OTOE NB	239	-77	-22	23	22
				1	2.6	PAWNEE NB					40
				1	4.0	PERKINS NB					71
1	1.8			2	2.6	PHELPS NB			41	57	39
				1	1.3	PIERCE NB					19
3	3.1			2	1.7	PLATTE NB			-47	11	22
		2	6.0			POLK NB					

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COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NEPVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
3	4.1	4	6.5	3	3.5	RED WILLOW NB	57	-46	-16	27	61
6*	6.9	2	2.3	5	6.0	RICHARDSON NB	-67	163	-12	29	91
3	4.2	2	3.1			SALINE NB	-26				
1	1.5	5	2.8	7	4.4	SARPY NB	84	56	188	87	78
5	5.6	6*	5.8	2	1.8	SAUNDERS NB	2	-69	-68	03	24
5	3.3	2	1.1	8	3.8	SCOTTS BLUFF NB	-65	240	18	46	68
1	1.3	2	3.3	4	4.4	SEWARD NB	167	31	248	92	77
2	3.2	1	2.5			SHERIDAN NB	-24				
		2	6.1			SHERMAN NB					
		1	2.6	2	5.9	STANTON NB		129			90
4*	7.9	2	4.7	2	2.9	THAYER NB	-41	-38	-63	05	46
1	3.1	1	3.8			THURSTON NB	20				
3	5.8			2	2.7	WASHINGTON NB			-54	08	41
2	4.9	4*	7.1	3	4.7	WAYNE NB	46	-34	-4	33	81
4*	9.7	1	3.1	3	6.5	WEBSTER NB	-68	110	-33	17	93
3	4.4	2	2.2	2	1.9	YORK NB	-51	-13	-57	07	25
15	1.4	46	2.5	98	3.5	NEVADA NV	88	38	160		
				2	3.3	CHURCHILL NV					57
7	1.8	22	2.5	51	3.4	CLARK NV	38	39	92	73	59
		1	1.5			ELKO NV					
1*	29.1			1*	23.6	EUREKA NV			-19	25	99
		1	3.2	2	6.0	HUMBOLDT NV		87			91
1*	14.0					LANDER NV					
				1	7.0	LINCOLN NV					94
				1	2.3	LYON NV					33
				1	3.2	MINERAL NV					53
				1	2.3	NYE NV					32
		1*	21.3	1*	33.8	STOREY NV		58			99
5	1.3	17	3.2	31	4.3	WASHOE NV	136	35	220	90	76
1	1.9	2	5.2	1	2.3	WHITE PINE NV	170	-57	18	46	31
		2	3.4	5	3.1	ORMSBY-CARSON CITY NV		-7			52
55	1.8	82	2.2	150	3.3	NEW HAMPSHIRE NH	26	49	87		
4	2.8	3	1.5	8	3.8	BELKNAP NH	-46	148	34	54	67
1	.9	7*	6.0	6	5.3	CARROLL NH	598	-12	515	98	87
4	1.7	2	.8	9	3.0	CHESHIRE NH	-51	252	72	68	48
2	1.1	4	2.0	1	.5	COOS NH	89	-74	-52	09	13
8	3.1	10	3.5	12	3.6	GRAFTON NH	14	2	17	45	63
14	1.5	25	2.3	41	3.1	HILLSBOROUGH NH	52	35	105	76	50
4	1.0	7	1.8	19	3.7	MERRIMACK NH	70	107	251	92	64
7	1.6	12	2.1	31	3.8	ROCKINGHAM NH	33	82	143	83	68
5	1.8	7	2.0	16	3.6	STRAFFORD NH	14	78	102	76	64
6	3.8	5	2.9	7	3.4	SULLIVAN NH	-23	17	-10	30	60
775*	2.8	994	3.0	1364*	3.6	NEW JERSEY NJ	6	20	26		
22	2.7	33	3.5	37	3.3	ATLANTIC NJ	31	-6	24	50	56
106	3.0	127	2.8	193	3.7	BERGEN NJ	-8	32	21	48	64
23	3.1	31	2.8	48	3.4	BURLINGTON NJ	-10	22	10	41	59
54	3.1	52	2.4	65	3.6	CAMDEN NJ	-21	48	16	45	63
5	2.0	14	4.1	18	3.4	CAPE MAY NJ	104	-19	66	67	58
10	2.0	11	1.9	22	3.6	CUMBERLAND NJ	-5	94	85	72	64
143*	3.1	158*	3.6	174*	4.2	ESSEX NJ	15	18	36	55	75
11	2.1	20	3.0	36	4.2	GLOUCESTER NJ	48	37	102	76	74
99	3.0	68	2.0	103	3.2	HUDSON NJ	-33	62	8	40	54
4	2.0	8	2.4	7	1.8	HUNTERDON NJ	25	-27	-9	30	23
30	2.5	36	2.6	42	2.7	MERCER NJ	6	3	8	40	41
49	3.0	95*	4.2	94	3.3	MIDDLESEX NJ	37	-20	9	41	57
22	1.8	48	2.6	102*	4.1	MONMOUTH NJ	46	59	132	81	74
34	3.2	54	3.5	82*	4.3	MORRIS NJ	8	26	36	55	77
13	2.6	21	2.5	51	2.7	OCEAN NJ	-6	10	3	37	42
46	2.4	76	3.4	89	3.5	PASSAIC NJ	45	1	47	59	61
4	1.6	4	1.5	7	2.2	SALEM NJ	-8	49	38	55	30
19	3.2	29	3.5	41	4.2	SOMERSET NJ	9	19	29	52	75
4	2.3	8	2.7	14	2.9	SUSSEX NJ	17	7	26	51	48
72	3.0	89	3.1	104	3.5	UNION NJ	3	11	14	44	60
5	1.7	12	3.2	15	3.2	WARREN NJ	93	1	94	74	55
78	2.4	91	2.3	129	2.8	NEW MEXICO NM	-3	19	16		
17	2.5	29	2.4	40	2.6	BERNALILLO NM	-5	10	5	38	40
5	2.5	11*	5.2	6	2.2	CHAVES NM	108	-57	-10	30	31
2	3.1	1	1.6	2	3.9	COLFAX NM	-49	145	26	51	69
6	4.8	5	3.4	9	5.4	CURRY NM	-30	60	12	43	88
4	2.2	1	.6	6	1.9	DONA ANA NM	-73	227	-12	29	25
10*	4.6	8	3.8	8	3.8	EDDY NM	-18	1	-17	26	67
3	3.1	2	1.9			GRANT NM	-39				
				1*	22.9	HARDING NM					99
1	3.4	2	9.5			HIDALGO NM	181				
10*	4.8	3	1.8	7	3.2	LEA NM	-62	76	-33	17	54
3*	9.2			1	2.2	LINCOLN NM			-76	01	29
2	2.1	4*	10.1	2	1.9	LOS ALAMOS NM	373	-81	-11	29	25
1	1.8	1	1.4	1	1.0	LUNA NM	-23	-30	-46	11	15
				6*	8.9	MC KINLEY NM					97
				1	6.0	MORA NM					91
4	3.0	2	1.6	4	3.0	OTERO NM	-47	88	-1	35	49
1	1.4			1	2.1	QUAY NM			49	60	28
2	2.8	3	3.5	5	6.7	RIO ARRIBA NM	25	94	142	83	93
		2	2.7	1	1.4	ROOSEVELT NM		-48			19
		1	1.6	2	2.1	SANDOVAL NM		34			28
1	1.8	2	1.7	5	2.7	SAN JUAN NM	-2	54	50	61	41
				1	1.0	SAN MIGUEL NM					15
2	1.3	4	1.8	6	2.3	SANTA FE NM	40	30	82	71	32
				2	1.7	SIERRA NM					23
1	2.0	1	2.5	1	2.6	SOCORRO NM	30	1	30	52	38
		2	3.0	2	2.9	TAOS NM		-3			48
		1	3.2	1	2.6	TORRANCE NM		-20			40

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE XCHANGE RATES 70S/50S	PERCENTILE XCHANGE RATES 1970S
1	3.0	2	5.4	1	2.1	UNION NM	81	-60	-28	19	29
2	1.7	4	3.1	7	3.5	VALENCIA NM	79	12	101	76	61
2266*	2.8	2580	2.9	2752	3.0	NEW YORK NY	3	4	7		
24	1.8	45	2.9	41	2.6	ALBANY NY	63	-11	45	58	40
3	1.5	4	1.7	4	1.6	ALLEGANY NY	17	-6	11	42	22
254*	3.2	176	2.3	194	3.2	BRONX NY	-27	40	2	37	54
13	1.2	22	1.9	33	2.7	BROOME NY	53	44	121	79	43
12	3.1	7	1.7	10	2.1	CATTARAUGUS NY	-46	23	-33	17	28
6	1.6	10	2.5	15	3.5	CAYUGA NY	57	38	117	79	60
16	2.1	31	3.7	29	3.3	CHAUTAUQUA NY	73	-11	55	63	56
15	3.2	20	3.8	17	3.0	CHEMUNG NY	19	-22	-7	31	48
1	.5	5	2.4	6	2.2	CHENANGO NY	389	-9	343	96	30
1	.4	3	1.0	12	3.7	CLINTON NY	135	277	787	99	65
6	2.2	5	1.9	7	2.1	COLUMBIA NY	-16	10	-7	31	28
4	1.9	3	1.4	7	3.0	CORTLAND NY	-25	110	58	64	50
5	2.2	3	1.3	4	1.5	DELAWARE NY	-39	9	-33	17	20
16	1.8	31	3.0	26	2.2	DUTCHESS NY	65	-25	24	50	31
135	2.7	158	2.9	165	3.2	ERIE NY	5	12	18	46	54
4	2.2	8	4.3	5	2.6	ESSEX NY	98	-39	21	48	40
2	1.0	5	2.2	5	1.9	FRANKLIN NY	135	-13	104	76	26
6	2.2	12	3.8	8	2.6	FULTON NY	77	-32	21	48	40
5	1.8	6	2.1	7	2.2	GENESEE NY	13	6	20	47	29
4	2.0	4	2.2	4	1.6	GREENE NY	7	-28	-23	22	21
				1	2.3	HAMILTON NY					33
10	2.9	9	2.4	6	1.5	HERKIMER NY	-17	-39	-49	10	20
9	1.8	8	1.7	18	3.4	JEFFERSON NY	-5	99	90	73	58
470*	3.4	322	2.5	305	2.8	KINGS(BROOKLYN) NY	-28	13	-18	25	44
4	3.1	2	1.6	5	3.7	LEWIS NY	-49	137	21	48	65
3	1.3	7	3.0	6	2.3	LIVINGSTON NY	125	-22	75	69	32
5	2.1	5	1.7	6	2.0	MADISON NY	-16	18	-1	35	27
67	2.3	113	3.4	119	3.2	MONROE NY	47	-5	39	56	54
8	2.3	8	2.2	14	4.8	MONTGOMERY NY	-3	113	107	76	82
132	2.8	202	3.0	243	3.2	NASSAU NY	6	9	15	45	55
347*	3.9	480*	5.7	233	3.1	NEW YORK(MANHATTAN) NY	46	-45	-20	24	53
29	2.8	24	2.0	25	2.0	NIAGARA NY	-29	-2	-30	18	26
24	2.0	30	2.2	36	2.4	ONEIDA NY	13	7	20	48	33
47	2.6	46	2.0	90	3.7	ONONDAGA NY	-21	83	46	59	66
2	.6	7	1.9	13	3.1	ONTARIO NY	236	61	439	97	51
16	1.8	26	2.5	42	3.4	ORANGE NY	41	35	91	73	59
3	1.7	1	.5	5	2.8	ORLEANS NY	-68	403	62	65	43
12	2.9	6	1.3	16	3.0	OSWEGO NY	-56	136	3	37	48
4	1.4	8	2.8	9	2.8	OTSEGO NY	105	0	104	76	45
3	2.0	6	2.8	6	1.8	PUTNAM NY	38	-36	-11	29	24
228	2.4	266	2.4	347	3.0	QUEENS NY	1	24	25	51	50
9	1.3	19	2.4	22	2.7	RENSSELAER NY	90	12	114	78	42
39	3.9	29	2.2	42	2.6	RICHMOND NY	-43	18	-33	17	40
10	1.8	19	2.0	49	4.5	ROCKLAND NY	13	121	149	84	79
8	1.6	13	2.3	15	2.8	ST LAWRENCE NY	42	23	75	69	45
6	1.3	13	2.5	26	3.8	SARATOGA NY	87	56	192	87	67
26	3.0	30	3.4	26	2.9	SCHENECTADY NY	14	-15	-4	34	47
3	2.3	2	1.8	7	5.2	SCHOHARIE NY	-23	191	125	80	86
2	2.4			2	2.0	SCHUYLER NY			-16	27	27
4	2.4	5	2.8	4	2.4	SENECA NY	15	-14	-1	35	34
12	2.6	10	1.9	8	1.4	STEUBEN NY	-27	-26	-46	11	19
45	2.0	100	2.5	165	3.0	SUFFOLK NY	26	21	53	62	49
5	2.5	7	2.5	9	2.5	SULLIVAN NY	4	0	4	38	38
2	1.4	1	.6	7	2.9	TIOGA NY	-60	422	111	77	46
7	2.8	8	2.6	8	2.4	TOMPKINS NY	-8	-6	-13	28	36
15	2.4	15	2.3	22	2.6	ULSTER NY	-4	12	7	40	38
3	1.2	4	1.4	5	1.7	WARREN NY	18	24	46	59	23
3	1.1	10	3.9	8	2.8	WASHINGTON NY	246	-26	154	84	45
5	1.5	3	.8	3	.7	WAYNE NY	-47	-14	-54	08	14
105	2.6	149	3.3	145	2.9	WESTCHESTER NY	24	-12	9	41	46
		6	3.5	11	5.6	WYOMING NY		60			89
2	2.4	3	3.4	4	3.5	YATES NY	39	5	46	59	62
406	2.7	456	2.5	746	3.3	NORTH CAROLINA NC	-7	31	22		
13	4.2	9	2.3	25*	5.3	ALAMANCE NC	-46	129	25	50	86
1	1.6	1	1.3	2	2.0	ALEXANDER NC	-17	57	31	53	27
2	5.2					ALLEGHANY NC					
		1	1.1	3	2.7	ANSON NC		153			43
2	2.0			5	4.3	ASHE NC			110	77	76
				2	2.9	AVERY NC					46
4	3.5	1	.6	6	4.2	BEAUFORT NC	-82	552	20	47	75
2	3.9			6*	11.5	BERTIE NC			195	88	98
2	2.0	2	2.3	1	.9	BLADEN NC	17	-61	-54	08	15
1	1.9	1	1.4	4	3.0	BRUNSWICK NC	-27	121	61	65	50
16	2.6	22	3.2	33	3.5	BUNCOMBE NC	23	10	35	55	62
6	2.5	8	3.1	12	3.5	BURKE NC	24	15	43	58	62
11	4.3	12	3.5	12	2.8	CABARRUS NC	-19	-21	-36	15	43
14*	7.6	5	2.0	7	2.4	CALDWELL NC	-74	18	-69	03	34
				1	5.2	CAMDEN NC					86
4	3.7	2	1.6	9	4.4	CARTERET NC	-57	175	19	47	78
1	2.0	1	2.4			CASWELL NC	16				
4	1.2	5	1.5	14	2.9	CATAWBA NC	17	98	132	81	46
2	2.2	4	3.8	7	5.8	CHATHAM NC	71	52	159	85	90
2	2.3	2	2.1	1	.9	CHEROKEE NC	-10	-55	-60	06	15
1	2.8			1	3.4	CHOWAN NC			20	48	58
1	3.6	2	8.4	1	3.7	CLAY NC	134	-56	3	37	65
8	3.3	8	2.8	14	4.0	CLEVELAND NC	-14	43	23	49	72
4	2.7	2	1.3	6	3.0	COLUMBUS NC	-52	129	11	42	50
3	2.6	4	2.7	1	.6	CRAVEN NC	4	-77	-76	01	13
8	3.9	15	3.6	14	2.4	CUMBERLAND NC	-8	-32	-37	15	36
		1	2.8	3	4.2	DARE NC		52			74
9	3.0	11	2.9	15	3.0	DAVIDSON NC	-2	2	0	36	49
1	1.3			4	4.1	DAVIE NC			206	89	73
1	.8			5	3.2	DUPLIN NC			322	95	54

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12	2.8	18	4.3	21	4.0	DUPHAM	NC	54	-8	42	57	71
1	.8	2	1.3	2	1.2	EDGECOMBE	NC	71	-8	57	63	17
27*	4.4	28	3.5	29	2.9	FORSYTH	NC	-20	-18	-34	17	46
1	1.2	5	5.0	6	6.0	FRANKLIN	NC	315	21	403	97	91
16	3.2	19	3.2	18	2.4	GASTON	NC	-2	-24	-26	21	35
				1	2.7	GATES	NC					41
				1	2.3	GRAHAM	NC					33
2	2.0	2	1.9	1	.9	GRANVILLE	NC	-6	-54	-57	07	15
1	2.8	3	6.7	1	3.8	GREENE	NC	141	-43	38	56	67
23	2.9	33	3.2	38	2.9	GUILFORD	NC	13	-9	3	37	48
		3	2.0	3	1.9	HALIFAX	NC		-4			25
5	3.1	4	2.3	9	3.7	HARNETT	NC	-24	60	22	48	66
2	1.1	5	2.6	5	2.0	HAYWOOD	NC	132	-22	81	71	27
3	1.8	5	2.0	11	3.7	HENDERSON	NC	9	83	100	75	64
				2	2.3	HERTFORD	NC					33
1	3.3			1	2.4	HOKE	NC			-30	19	34
1	10.3	1	3.7	1	4.2	HYDE	NC	-64	11	-60	06	74
6	2.6	7	2.3	13	3.4	IREDELL	NC	-10	47	32	53	59
2	1.9	2	2.3	2	2.2	JACKSON	NC	20	-4	15	45	30
2	.9	7	2.7	8	2.9	JOHNSTON	NC	196	10	224	90	47
3*	11.6			1	2.9	JONES	NC			-75	01	47
3	3.9	2	1.6	5	3.9	LEE	NC	-59	146	0	36	69
6	4.5	3	1.5	7	3.4	LENOIR	NC	-66	119	-25	21	58
5	4.4	4	2.8	8	4.3	LINCOLN	NC	-37	56	-2	35	77
3	2.7	2	1.3	7	4.1	MC DOWELL	NC	-51	214	53	62	73
1	1.5	2	2.4	3	2.2	MACON	NC	64	-9	49	60	30
2	2.3	3	3.5	4	4.2	MADISON	NC	52	18	79	70	74
		1	1.2	2	2.4	MARTIN	NC		109			35
33*	3.9	33	3.0	51	3.6	MECKLENBURG	NC	-23	19	-8	31	63
1	1.3			6	6.1	MITCHELL	NC			363	97	91
2	3.2			6	5.8	MONTGOMERY	NC			81	71	90
3	2.3	4	2.4	9	4.0	MOORE	NC	5	66	74	69	71
2	1.0	4	1.8	8	3.2	NASH	NC	77	78	215	89	54
2	.9	5	1.7	14	3.7	NEW HANOVER	NC	90	123	323	95	65
2	3.7					NORTHAMPTON	NC					
1	.3	2	.5	7	3.0	ONSLOW	NC	55	558	918	99	49
4	4.0			8	4.1	ORANGE	NC			3	37	73
		1	2.5	1	2.0	PAMLICO	NC		-18			27
5*	6.3	5	5.6	3	3.0	PASQUOTANK	NC	-11	-46	-52	09	50
		1	1.9	3	4.1	PENDER	NC		117			74
				3	8.7	PERQUIMANS	NC					97
1	1.4	2	2.1	6	4.9	PERSON	NC	50	129	243	91	84
6	3.8	3	1.6	9	3.5	PITT	NC	-59	122	-8	31	61
2	3.2			5	4.7	POLK	NC			46	59	81
7	2.5	5	1.6	12	3.0	RANDOLPH	NC	-35	88	23	49	49
3	2.2	5	3.4	6	3.7	RICHMOND	NC	52	11	68	67	66
3	1.5	6	2.9	8	3.6	ROBESON	NC	96	24	142	83	63
3	.9	12	4.1	12	3.4	ROCKINGHAM	NC	368	-16	294	94	59
11	3.3	10	2.7	16	3.1	ROWAN	NC	-19	15	-7	32	51
3	1.4	8	3.5	7	2.1	RUTHERFORD	NC	145	-41	43	58	28
2	1.3	3	1.9	4	2.4	SAMPSON	NC	49	26	88	73	33
		2	2.6	3	3.1	SCOTLAND	NC		21			53
5	2.7	8	4.0	5	2.5	STANLY	NC	46	-38	-10	30	37
4	5.0	4	3.9	4	2.7	STOKES	NC	-23	-29	-45	11	43
6	2.9	3	1.2	9	3.0	SURRY	NC	-58	149	4	38	48
1	2.0	2	5.4	3	6.3	SWAIN	NC	166	17	212	89	92
1	2.0	2	2.3	1	1.0	TRANSYLVANIA	NC	14	-56	-49	10	16
				2*	21.7	TYRRELL	NC					99
7	4.7	13*	6.6	12	4.8	UNION	NC	41	-28	1	36	82
		5	5.4	3	2.2	VANCE	NC		-59			29
20	4.0	8	1.1	37	3.9	WAKE	NC	-72	242	-3	34	68
		1	2.4	4*	9.0	WASHINGTON	NC		281			97
1	1.0	1	1.1	3	2.8	WATAUGA	NC	14	158	194	88	45
4	2.1	4	1.8	6	2.1	WAYNE	NC	-14	17	0	35	28
5	2.7	5	2.4	11	3.8	WILKES	NC	-13	62	41	57	68
3	2.0	6	3.3	5	2.2	WILSON	NC	64	-34	9	41	30
2	2.4	1	.8	6	4.4	YADKIN	NC	-66	443	85	72	78
		2	2.7	4	4.9	YANCEY	NC		84			84
79	2.7	81	2.7	124	3.9	NORTH DAKOTA	ND	1	45	47		
		1	4.8	1	4.2	ADAMS	ND		-13			75
4	5.8	4	4.7	1	.9	BARNES	ND	-19	-80	-84	00	15
				1	1.7	BENSON	ND					23
3	4.9	1	1.8			BOTTINEAU	ND	-62				
3*	16.5	1	5.5	1	5.0	BOWMAN	ND	-67	-8	-70	02	84
		2	7.6			BURKE	ND					
6	5.2	4	2.0	5	2.5	BURLEIGH	ND	-62	29	-51	09	38
12	4.1	17*	5.0	16	4.0	CASS	ND	23	-20	-1	35	72
1	2.3	1	1.9	2	4.0	CAVALIER	ND	-16	106	73	69	70
		1	2.7	1	2.8	DICKEY	ND		6			44
		1	4.0	1	3.4	DIVIDE	ND		-14			59
3*	9.5	2	10.0	1	4.1	DUNN	ND	5	-59	-57	07	72
		1	3.8			EDDY	ND					
				4*	10.9	EMMONS	ND					98
		1	4.2	2	9.4	FOSTER	ND		124			97
				1	6.7	GOLDEN VALLEY	ND					93
3	1.5	9	4.2	8	3.7	GRAND FORKS	ND	183	-11	151	84	65
1	3.2			2	7.4	GRANT	ND			131	81	95
2	8.8			2	6.8	GRIGGS	ND			-22	22	94
2	8.0			1	3.5	HETTINGER	ND			-57	07	60
1	4.3					KIDDER	ND					
1	2.4					LA MOURE	ND					
1	2.5			1	5.1	LOGAN	ND			108	77	85
				2	5.6	MC HENRY	ND					89
		1	3.6	1	3.4	MC KENZIE	ND		-5			59
2	2.3			3	4.2	MC LEAN	ND			83	71	75
2	2.2	6	6.4	2	1.8	MORTON	ND	194	-71	-16	26	24
3	7.2	1	2.4	1	2.5	MOUNTRAIL	ND	-66	2	-66	04	37
2	5.7	1	3.1			NELSON	ND	-46				

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1	9.1					OLIVER ND					
2	3.5	3	4.9	1	2.1	PEMBINA ND	49	-58	-37	15	28
1	2.3	1	2.4	3	8.2	PIERCE ND	3	243	251	92	96
2	3.2	4	5.9	4	5.1	RAMSEY ND	88	-14	61	65	85
2	4.4			4*	12.2	RANSOM ND			178	87	99
		1	4.9			RENVILLE ND					
2	1.9			6	5.8	RICHLAND ND			207	89	90
1	2.7			4*	11.9	ROLETTE ND			343	96	99
2	5.9	1	3.1	1	4.1	SARGENT ND	-47	31	-31	18	72
		1*	19.3			SIOUX ND					
2	2.0			9*	9.1	STARK ND			364	96	97
				2	12.5	STEELE ND					99
		3	2.6	5	3.7	STUTSMAN ND		43			65
3	6.0	2	3.4	2	2.7	TRAILL ND	-43	-21	-55	08	42
4	4.3	2	2.2	5	4.6	WALSH ND	-47	106	9	41	80
3	1.4	6	3.0	10	4.0	WARD ND	116	31	183	87	71
				1	1.4	WELLS ND					19
2	1.6	2	1.5	7*	6.9	WILLIAMS ND	-2	344	337	95	94
1200*	2.8	1389	2.9	1673	3.2	OHIO OH	2	10	12		
4	4.3	5	5.1	5	4.0	ADAMS OH	19	-21	-6	32	71
8	1.6	15	3.0	19	3.5	ALLEN OH	81	17	112	78	61
4	2.2	3	1.4	8	3.5	ASHLAND OH	-36	150	61	65	61
11	2.7	14	2.8	14	2.5	ASHTABULA OH	4	-10	-7	32	38
4	1.6	5	2.1	2	1.0	ATHENS OH	37	-54	-37	15	15
6	3.9	6	3.0	3	1.3	AUGLAIZE OH	-21	-56	-65	04	19
14	3.0	12	2.5	15	3.0	BELMONT OH	-16	19	1	36	49
		5	4.3	2	1.3	BROWN OH		-71			18
29	3.6	30	3.1	36	3.4	BUTLER OH	-16	10	-8	31	58
2	1.7	2	2.0	5	4.1	CARROLL OH	21	101	144	83	73
5	3.2	4	2.6	8	4.7	CHAMPAIGN OH	-17	78	47	59	81
15	2.5	20	3.2	22	2.8	CLARK OH	29	-12	13	43	46
5	2.0	9	2.3	6	1.2	CLERMONT OH	14	-47	-40	14	17
5	3.3	5	3.6	9	5.2	CLINTON OH	11	43	58	64	86
15	2.8	14	2.5	24	3.7	COLUMBIANA OH	-10	47	33	54	65
8	4.8	5	2.7	2	1.1	COSHOCTON OH	-43	-60	-77	01	16
5	2.6	5	2.1	14	5.1	CRAWFORD OH	-19	142	96	74	85
229*	3.2	277*	3.5	267	3.4	CUYAHOGA OH	10	-3	7	40	58
7	2.9	2	.8	5	1.9	DARKE OH	-71	123	-36	16	25
4	2.9	2	1.2	6	3.2	DEFIANCE OH	-58	162	10	41	53
4	2.5	6	3.2	5	2.3	DELAWARE OH	27	-28	-9	31	33
14*	4.9	7	2.1	12	3.3	ERIE OH	-57	54	-33	17	56
7	2.3	9	2.7	11	2.6	FAIRFIELD OH	16	0	16	45	41
1	.7	6	4.8	3	2.2	FAYETTE OH	585	-54	213	89	50
89*	3.4	92	2.9	128	3.6	FRANKLIN OH	-15	26	7	40	63
5	3.4	5	3.5	5	2.8	FULTON OH	3	-21	-19	25	44
4	3.2	1	.7	4	2.5	GALLIA OH	-77	248	-20	24	38
2	1.2	4	1.5	9	3.0	GEAUGA OH	24	100	148	84	49
13	4.6	14	3.3	18	3.6	GREENE OH	-28	8	-22	23	62
1	.5			6	2.6	GUERNSEY OH			444	98	39
110	2.9	133	3.1	172*	3.9	HAMILTON OH	7	24	33	54	69
6	2.5	2	.7	8	2.4	HANCOCK OH	-74	264	-5	33	34
5	3.9	5	2.9	5	3.1	HARDIN OH	-25	6	-20	24	52
1	1.2	1	1.1	3	3.1	HARRISON OH	-6	171	156	84	51
3	2.5	4	3.0	8	5.4	HENRY OH	20	80	116	78	88
1	.7	1	.5	4	2.3	HIGHLAND OH	-34	399	231	91	33
3	3.0	5	4.8	6	5.0	HOCKING OH	61	5	69	68	85
2	2.2	4	4.0	3	2.4	HOLMES OH	86	-39	13	43	36
10	4.7	5	2.1	2	.7	HURON OH	-55	-67	-85	00	14
2	1.6	2	1.4	4	2.5	JACKSON OH	-14	75	51	61	37
6	1.4	10	2.1	12	2.2	JEFFERSON OH	53	3	58	64	29
4	2.1	3	1.7	6	2.6	KNOX OH	-19	57	27	51	40
12	2.3	26	3.3	33	3.4	LAKE OH	45	1	46	59	58
8	3.6	9	3.2	8	2.6	LAWRENCE OH	-10	-20	-28	19	39
14	3.2	14	2.9	11	1.8	LICKING OH	-10	-36	-42	13	24
4	2.4	8	4.5	9	4.3	LOGAN OH	84	-6	74	69	75
25	3.1	28	2.7	43	3.6	LORAIN OH	-14	36	17	45	63
60	2.8	92*	4.0	84	3.6	LUCAS OH	45	-10	31	53	64
5	4.7	4	3.3	5	3.1	MADISON OH	-31	-4	-34	17	53
27	2.0	44	3.1	51	3.2	MAHONING OH	55	5	63	66	55
8	3.0	7	2.4	13	3.9	MARION OH	-20	61	28	52	69
8	3.0	8	2.4	6	1.5	MEDINA OH	-18	-38	-49	10	20
1	.7	2	1.6	5	3.8	MEIGS OH	127	140	446	98	67
2	1.3	3	1.8	11	5.9	MERCER OH	36	239	359	96	90
8	2.3	5	1.3	22	5.0	MIAMI OH	-44	282	115	78	84
		2	2.6	4	4.2	MONROE OH		65			75
59	2.9	65	2.6	90	3.4	MONTGOMERY OH	-11	29	14	44	57
		1	1.6	2	3.3	MORGAN OH		105			55
4	4.6	2	2.1	3	2.5	MORROW OH	-55	21	-45	12	38
7	1.8	6	1.4	10	2.2	MUSKINGUM OH	-19	51	22	49	29
2	3.4	1	1.7			NOBLE OH	-48				
5	3.0	6	3.5	3	1.6	OTTAWA OH	14	-55	-49	10	21
1	1.5	2	2.3	2	1.6	PAULDING OH	60	-30	12	42	22
5	3.4	3	2.1	6	3.6	PERRY OH	-40	74	5	39	63
2	1.2	6	3.6	10	5.4	PICKAWAY OH	193	50	339	95	88
6*	7.7			5	4.6	PIKE OH			-40	14	80
8	2.3	17	3.4	9	1.8	PORTAGE OH	44	-46	-23	22	24
4	2.9	7	4.3	2	1.1	PREBLE OH	45	-75	-64	05	16
2	1.6	5	3.7	5	3.2	PUTNAM OH	133	-15	98	75	53
11	2.2	19	3.3	25	4.0	RICHLAND OH	51	21	82	71	71
10	3.9	7	2.5	11	3.4	ROSS OH	-36	36	-14	28	58
11	4.4	3	1.0	11	3.6	SANDUSKY OH	-77	253	-19	25	62
7	1.6	17	3.8	12	2.5	SCIOTO OH	135	-33	56	63	38
5	1.6	5	1.8	7	2.3	SENECA OH	13	32	49	60	33
4	2.2	3	1.7	3	1.5	SHELBY OH	-23	-8	-30	19	20
42	2.7	48	2.8	67	3.5	STARK OH	5	27	33	54	61
69	3.1	65	2.5	77	2.8	SUMMIT OH	-17	11	-8	31	45
22	2.5	36	3.5	29	2.4	TRUMBULL OH	40	-32	-4	33	35
13	3.6	10	2.5	7	1.7	TUSCARAWAS OH	-29	-33	-52	08	23

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
5	4.0	4	3.5	4	2.7	UNION OH	-12	-22	-32	18	43
3	2.2	3	2.1	2	.9	VAN WERT OH	-6	-56	-59	06	15
1	1.8	3	5.6	1	2.0	VINTON OH	206	-63	13	43	28
5	1.8	3	.9	11	3.0	WARREN OH	-53	249	65	66	48
6	2.4	6	2.3	7	2.1	WASHINGTON OH	-7	-7	-13	28	28
10	3.0	11	2.8	14	3.1	WAYNE OH	-6	11	4	38	52
2	1.3	2	1.2	8	4.7	WILLIAMS OH	-7	277	252	92	81
10	3.0	9	2.4	17	4.0	WOOD OH	-22	69	32	53	71
4	3.5	3	2.8	2	1.9	WYANDOT OH	-21	-33	-47	11	25
237	2.2	321	2.7	488	3.4	OKLAHOMA OK	20	30	56		
1	2.1	2	3.6	3	4.4	ADAIR OK	69	22	107	77	78
				2	5.3	ALFALFA OK					87
2	4.7			2	2.7	ATOKA OK			-41	13	43
1	2.8	1	2.4	1	2.2	BEAVER OK	-15	-9	-23	22	29
5	5.1	2	2.0	8*	5.8	BECKHAM OK	-61	199	15	45	90
2	3.8	1	.9	3	4.3	BLAINE OK	-75	360	13	43	76
1	.6	1	1.0	4	2.8	BRYAN OK	63	173	344	96	44
3	2.1	5	3.5	3	2.3	CADDO OK	62	-32	10	41	33
2	1.5	5	3.5	4	2.1	CANADIAN OK	135	-41	39	56	28
3	1.6	3	1.4	2	.9	CARTER OK	-14	-35	-44	12	15
5*	6.6			3	2.4	CHEROKEE OK			-63	05	35
1	1.4	2	3.7	4	4.7	CHOCTAW OK	162	26	229	91	81
		1	5.2			CIMARRON OK					
3	1.5	8	2.9	8	1.6	CLEVELAND OK	98	-45	8	40	21
1	2.8	1	4.0	1	2.4	COAL OK	45	-41	-15	27	33
3	.8	11	3.7	10	2.9	COMANCHE OK	367	-22	264	92	46
3	6.5	1	2.1	3	6.8	COTTON OK	-68	228	4	38	94
		4	3.8	2	2.0	CRAIG OK		-48			27
4	2.2	9	4.0	12	4.4	CREEK OK	82	8	96	74	77
2	2.0	5	4.6	3	2.3	CUSTER OK	132	-49	18	46	32
1	2.0	1	1.0	3	2.5	DELAWARE OK	-50	153	27	51	38
3*	8.2	1	2.4	3	6.6	DEWEY OK	-70	174	-19	24	93
		1	2.2			ELLIS OK					
8	3.0	10	3.3	15	4.3	GARFIELD OK	11	31	45	58	77
2	1.5	6	4.1	7	5.4	GARVIN OK	177	33	268	93	88
1	.6	3	1.7	1	.7	GRADY OK	174	-59	12	43	14
		1	1.7	6*	9.3	GRANT OK		447			97
3	6.7	3	9.6			GREER OK	44				
1	3.0	1	3.1	2	4.5	HARMON OK	1	47	48	60	79
2	7.5	2	7.2	2	5.3	HARPER OK	-5	-26	-30	19	87
		2	4.6	4	4.6	HASKELL OK		-1			80
		2	3.7			HUGHES OK					
1	1.0	2	1.8	3	2.3	JACKSON OK	86	27	137	82	31
1	1.8	1	2.1	2	4.4	JEFFERSON OK	16	105	138	82	78
		1	2.6	1	2.5	JOHNSTON OK		-5			37
5	2.1	5	2.1	10	2.7	KAY OK	0	32	31	53	43
		2	3.2			KINGFISHER OK					
3	3.2	4	4.0	3	2.2	KIOWA OK	23	-45	-33	17	29
				2	4.2	LATIMER OK					75
7	4.5	4	2.9	13*	6.2	LE FLORE OK	-36	117	39	56	92
2	1.9	2	1.2	5	4.1	LINCOLN OK	-36	235	114	78	72
		4	4.5	4	3.9	LOGAN OK		-15			69
1	3.3	4*	11.8	1	3.7	LOVE OK	261	-68	15	44	66
6*	8.6	2	2.6	4	4.5	MC CLAIN OK	-70	73	-47	11	79
		4	3.2	3	1.8	MC CURTAIN OK		-44			24
2	3.2			4	6.2	MC INTOSH OK			95	74	91
1	1.8			1	3.4	MAJOR OK			85	72	58
1	2.4	2	5.4	6*	7.3	MARSHALL OK	130	35	210	89	95
3	3.1	3	2.5	5	3.7	MAYES OK	-21	50	19	47	65
2	3.7			2	2.8	MURRAY OK			-23	22	45
9	3.4	2	.7	7	2.3	MUSKOGEE OK	-78	211	-33	17	31
		1	1.6	2	3.7	NOBLE OK		141			66
1	1.8			2	2.4	NOWATA OK			32	53	33
2	3.2	1	2.0	2	3.0	OKFUSKEE OK	-39	50	-8	31	48
48	2.9	63	2.8	102	3.9	OKLAHOMA OK	-2	42	39	56	70
3	1.9	6	3.3	4	2.4	OKMULGEE OK	74	-28	26	51	35
3	2.0	2	1.5	4	2.1	OSAGE OK	-27	42	4	38	28
5	3.3	1	.6	11*	5.6	OTTAWA OK	-83	921	71	68	89
2	3.6	3	4.3	3	5.3	PAWNEE OK	19	23	46	59	87
2	1.0	6	2.3	4	1.8	PAYNE OK	125	-21	76	70	24
4	2.2	1	.5	10	4.7	PITTSBURG OK	-77	831	114	78	82
2	1.2	4	3.0	7	3.9	PONTOTOC OK	147	29	220	90	69
5	2.2	6	2.7	7	2.3	POTTAWATOMIE OK	27	-16	6	39	32
		1	2.8			ROGER MILLS OK					
4	4.2	3	2.2	3	1.7	ROGERS OK	-47	-25	-61	06	22
3	1.7	2	1.2	4	2.6	SEMINOLE OK	-32	119	50	61	39
3	3.4	3	3.0	5	3.9	SEQUOYAH OK	-13	31	14	44	70
1	.7	5	2.7	7	2.9	STEPHENS OK	308	8	342	95	47
2	2.7			6*	7.1	TEXAS OK			158	85	94
3	3.6	7*	9.4	2	3.1	TILLMAN OK	163	-67	-13	28	51
28	1.9	50	2.9	80	3.9	TULSA OK	53	37	110	77	70
		3	3.6	4	3.1	WAGONER OK		-14			52
2	1.3	12*	5.5	11	4.2	WASHINGTON OK	338	-24	234	91	75
3	3.6	2	2.5	1	1.7	WASHITA OK	-30	-33	-53	08	23
1	2.4	2	3.7	3	5.1	WOODS OK	58	37	117	79	85
3	4.1			7*	7.4	WOODWARD OK			78	70	95
255*	3.0	307	3.1	445	3.6	OREGON OR	2	17	19		
2	2.1	2	2.0	5	4.9	BAKER OR	-3	143	135	82	84
2	1.5	11*	6.2	12	5.4	BENTON OR	309	-12	259	92	88
15	2.9	19	2.7	30	2.9	CLACKAMAS OR	-7	9	1	36	47
3	1.8	4	2.5	9	6.7	CLATSOP OR	39	168	273	93	93
3	2.7	11*	8.2	8	5.2	COLUMBIA OR	204	-37	93	74	86
8	3.5	3	1.0	8	2.7	COOS OR	-70	156	-24	21	41
2	4.6					CROOK OR					
1	1.5	3	4.5	2	2.6	CURRY OR	199	-43	70	68	39
4	3.4			5	2.1	DESCHUTES OR			-39	14	28

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8	2.7	7	2.1	14	3.2	DOUGLAS OR	-22	53	20	47	55
		1	3.0			GRANT OR					
2	5.4	1	3.0	1	2.8	HARNEY OR	-44	-8	-48	10	43
3	4.8	3	4.4	3	3.7	HOOD RIVER OR	-8	-16	-23	22	65
14	4.1	18	4.1	20	3.5	JACKSON OR	2	-16	-14	28	61
3	2.5	8	4.5	8	2.8	JOSEPHINE OR	84	-37	16	45	46
7	3.7	9	4.2	9	3.5	KLAMATH OR	12	-15	-5	33	62
1	2.8	3*	9.5	1	2.7	LAKE OR	243	-71	-1	35	43
21	3.2	26	3.0	46	4.0	LANE OR	-7	32	23	49	70
3	2.3	3	2.2	9	4.0	LINCOLN OR	-3	78	73	69	70
5	1.7	12	4.1	9	2.1	LINN OR	135	-50	18	46	28
		4	3.5	4	3.1	MALHEUR OR		-12			52
22	3.7	24	3.3	28	3.0	MARION OR	-10	-11	-20	24	48
				2	5.8	MORROW OR					90
90*	3.3	99	3.3	147*	4.7	MULTNOMAH OR	-1	42	41	57	81
3	2.3	6	3.5	2	1.2	POLK OR	51	-67	-50	09	17
3	3.1	1	1.0	3	2.3	TILLAMOOK OR	-70	135	-28	19	31
5	2.4	2	.8	10	3.8	UMATILLA OR	-64	351	61	65	67
3	3.2	6*	6.3	2	1.6	UNION OR	95	-74	-49	10	22
3*	8.0	1	3.0	1	2.7	WALLOWA OR	-62	-12	-67	04	41
1	1.3	1	1.0	4	2.9	WASCO OR	-20	187	128	81	47
17*	4.3	13	2.1	35	3.6	WASHINGTON OR	-52	76	-15	27	63
1	.6	6	3.2	8	3.6	YAMHILL OR	411	11	468	98	62
1215	2.2	1528	2.6	1833	2.8	PENNSYLVANIA PA	15	10	26		
2	.9	6	2.2	10	3.3	ADAMS PA	145	50	267	93	55
199	2.6	181	2.1	247	2.8	ALLEGHENY PA	-18	34	10	42	45
10	2.3	7	1.7	7	1.5	ARMSTRONG PA	-28	-12	-37	15	20
19	2.1	22	2.2	28	2.4	BEAVER PA	4	13	17	45	36
2	.9	4	1.6	4	1.5	BEDFORD PA	79	-12	58	64	20
48	3.1	62	3.7	58	3.0	BERKS PA	19	-19	-4	33	49
10	1.3	14	1.7	22	2.7	BLAIR PA	38	53	112	77	41
7	2.4	11	3.8	7	2.4	BRADFORD PA	56	-38	-3	34	34
19	1.7	46	2.9	70	3.3	BUCKS PA	66	15	92	73	56
10	1.9	13	2.2	17	2.2	BUTLER PA	11	2	13	43	30
8	.8	16	1.5	33	2.9	CAMBRIA PA	99	91	279	93	47
		2	5.6	1	2.2	CAMERON PA		-61			29
7	2.2	8	2.5	12	3.7	CARBON PA	13	46	65	66	65
12	3.9	3	.7	17	4.1	CENTRE PA	-82	497	5	39	73
26	3.1	20	1.8	39	2.9	CHESTER PA	-41	57	-7	32	46
2	1.1	4	2.1	6	3.0	CLARION PA	86	42	164	85	48
10	2.4	9	2.1	14	3.1	CLEARFIELD PA	-14	49	28	52	51
5	2.5	4	2.2	8	3.6	CLINTON PA	-11	63	45	58	63
7	2.3	12	4.0	11	3.2	COLUMBIA PA	73	-21	37	55	53
9	2.2	8	1.9	15	3.1	CRAWFORD PA	-15	66	41	57	52
7	1.3	27	3.9	19	2.2	CUMBERLAND PA	188	-44	61	64	29
18	1.8	30	2.6	38	2.9	DAUPHIN PA	46	10	61	65	46
62	2.5	71	2.4	99	3.1	DELAWARE PA	-5	29	22	48	51
3	1.7	3	1.5	6	2.8	ELK PA	-11	86	65	66	44
33	2.9	25	1.9	38	2.7	ERIE PA	-35	45	-6	32	41
14	1.6	25	2.7	35	3.6	FAYETTE PA	73	32	128	80	62
1	3.4			1	2.3	FOREST PA			-32	17	32
6	1.4	12	2.4	10	1.7	FRANKLIN PA	70	-30	19	47	23
1	1.8	1	1.9	1	1.6	FULTON PA	2	-15	-13	28	21
6	3.0	11*	5.2	6	2.5	GREENE PA	75	-52	-16	27	37
2	1.0	7	3.6	10	4.4	HUNTINGDON PA	253	22	331	95	78
5	1.2	11	2.8	13	2.7	INDIANA PA	129	-5	116	78	41
5	1.9	4	1.5	14	4.6	JEFFERSON PA	-20	202	142	83	81
		1	1.4	2	2.2	JUNIATA PA		57			30
21	1.6	16	1.1	16	1.1	LACKAWANNA PA	-29	-3	-32	18	16
20	1.5	33	2.1	62	3.5	LANCASTER PA	36	65	124	80	60
16	3.0	28*	4.7	18	2.9	LAWRENCE PA	59	-38	-2	35	47
4	.9	18	3.5	9	1.6	LEBANON PA	295	-54	81	70	22
27	2.3	31	2.3	42	2.7	LEHIGH PA	-3	18	14	44	41
47	2.2	53	2.4	53	2.1	LUZERNE PA	9	-13	-5	33	28
13	2.2	21	3.3	22	3.1	LYCOMING PA	49	-5	41	57	53
5	1.6	8	2.4	10	3.2	MC KEAN PA	54	32	104	76	54
12	2.0	16	2.7	28	4.0	MERCER PA	35	46	96	74	70
6	2.5	4	1.6	6	2.2	MIFFLIN PA	-36	37	-12	29	29
2	.9	12*	5.2	3	1.0	MONROE PA	468	-80	11	42	16
51	2.2	81	2.7	113	3.2	MONTGOMERY PA	23	18	45	58	53
		3	3.1	1	.9	MONTOUR PA		-71			15
22	2.2	32	2.8	35	2.6	NORTHAMPTON PA	29	-9	17	46	39
7	1.2	15	2.5	19	2.8	NORTHUMBERLAND PA	108	13	136	82	44
3	2.5	4	2.9	3	1.7	PERRY PA	15	-41	-32	17	22
250	2.7	276	3.2	223	2.8	PHILADELPHIA PA	17	-13	2	37	44
1	1.5	1	1.8	4	3.3	PIKE PA	25	78	122	80	55
2	2.4	2	2.5	3	3.3	POTTER PA	3	32	36	55	56
19	2.0	34	3.5	36	3.2	SCHUYLKILL PA	77	-9	60	64	53
5	3.9			3	1.8	SNYDER PA			-53	08	24
8	2.0	11	2.5	12	2.5	SOMERSET PA	25	-2	23	49	36
3*	10.3	1	2.8	3	11.0	SULLIVAN PA	-73	269	7	39	98
2	1.2	8	4.4	6	2.8	SUSQUEHANNA PA	267	-36	134	81	44
7	3.6	2	1.0	4	2.0	TIOGA PA	-72	105	-44	12	27
1	.7	7	5.8	4	3.1	UNION PA	679	-46	319	95	52
10	3.0	10	2.9	9	2.3	VENANGO PA	-2	-20	-22	23	33
4	1.5	4	1.6	7	2.5	WARREN PA	4	56	62	65	37
24	2.3	33	2.9	35	2.6	WASHINGTON PA	26	-11	12	43	39
1	1.0	4	2.6	6	3.6	WAYNE PA	151	38	246	91	62
23	1.4	43	2.3	67	3.0	WESTMORELAND PA	66	30	116	78	48
				1	1.1	WYOMING PA					16
24	2.1	37	2.7	52	3.2	YORK PA	30	18	53	62	54
79	1.8	150	3.0	198	3.6	RHODE ISLAND RI	70	19	102		
5	2.7	7	3.1	13	4.9	BRISTOL RI	17	57	83	71	84
9	1.9	25	3.8	45*	5.4	KENT RI	97	43	182	87	88
4	1.4	11	3.2	8	1.9	NEWPORT RI	121	-39	35	55	26
54	1.7	101	3.0	118	3.3	PROVIDENCE RI	78	10	97	74	55

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7	3.0	6	2.1	14	3.4	WASHINGTON RI	-29	59	13	43	58
169	2.4	245	3.0	375	3.6	SOUTH CAROLINA SC	24	20	49		
		3	3.7	4	4.3	ABBEVILLE SC		14			76
5	2.2	10	3.6	7	1.7	AIKEN SC	67	-53	-22	23	22
1	3.3	1	4.4	1	3.3	ALLENDALE SC	36	-24	3	37	57
11	2.8	18	3.9	21	3.6	ANDERSON SC	43	-8	32	53	63
		2	4.6	1	1.6	BAMBERG SC		-65			22
1	2.4	2	3.8	1	1.5	BARNWELL SC	57	-60	-37	15	21
1	2.2	3	2.9	3	1.8	BEAUFORT SC	29	-37	-19	25	24
1	2.5	3	3.1	8	4.5	BERKELEY SC	25	35	69	68	76
				2	8.4	CALHOUN SC					96
15	2.7	23	3.5	34	4.5	CHARLESTON SC	27	28	63	65	79
3	2.6	2	1.5	5	2.8	CHEROKEE SC	-43	93	11	42	45
1	.7	1	.9	3	2.2	CHESTER SC	25	142	202	88	30
		3	2.7	3	2.0	CHESTERFIELD SC		-24			27
				1	1.7	CLARENDON SC					22
3	4.0			2	2.6	COLLETON SC			-36	15	39
2	1.2			5	2.5	DARLINGTON SC			109	77	37
		2	2.3	2	2.2	DILLON SC		-8			29
2	4.8	1	1.4	7	5.7	DORCHESTER SC	-70	299	18	46	89
2	5.3	1	2.1	3	6.4	FAIRFIELD SC	-61	212	21	48	92
6	3.0	3	1.0	11	3.3	FLORENCE SC	-66	213	8	40	55
2	2.8	3	3.2	7	6.0	GEORGETOWN SC	14	91	118	79	91
23	3.0	38	4.0	50	4.2	GREENVILLE SC	33	3	37	55	74
5	3.4	4	2.2	13*	5.8	GREENWOOD SC	-36	165	69	67	89
		1	2.3	2	4.7	HAMPTON SC		100			81
4	2.2	9	3.5	9	2.4	HORRY SC	59	-32	8	40	34
2*	7.3					JASPER SC					
		5	5.0	5	4.2	KERSHAW SC		-17			74
4	2.6	3	1.6	8	3.8	LANCASTER SC	-37	134	48	60	68
5	3.1	1	.5	6	2.7	LAURENS SC	-83	423	-12	29	42
				3	5.6	LEE SC					89
2	.8	11	3.7	15	3.2	LEXINGTON SC	366	-13	307	94	55
1	4.4	2*	8.9			MC CORMICK SC	102				
2	2.4	2	2.4	3	3.2	MARION SC	-2	35	32	53	54
1	1.2	2	2.5	1	1.3	MARLBORO SC	110	-50	4	38	18
7*	6.8	7*	6.0	7	6.4	NEWBERRY SC	-12	6	-6	32	92
2	1.5	4	2.3	8	3.4	OCONEE SC	58	45	128	81	58
5	3.3	6	3.8	6	2.9	ORANGEBURG SC	14	-22	-11	29	48
7	3.8	7	3.2	10	3.2	PICKENS SC	-16	1	-15	27	54
14	2.5	22	3.3	25	3.2	RICHLAND SC	32	-5	25	50	53
2	5.4	1	2.0	1	2.5	SALUDA SC	-63	23	-54	08	36
15	2.4	18	2.7	39	4.4	SPARTANBURG SC	9	67	82	71	78
3	2.4	7	4.6	5	2.6	SUMTER SC	95	-43	11	42	40
1	.8	3	2.5	5	3.7	UNION SC	226	49	387	97	65
		4	5.7	6*	7.7	WILLIAMSBURG SC		35			95
8	2.6	7	2.5	17	4.3	YORK SC	-2	67	64	66	76
93	3.0	97	3.0	120	3.3	SOUTH DAKOTA SD	0	12	12		
1	3.8	1	4.7			AURORA SD	24				
4	3.7	5	4.1	3	2.5	BEADLE SD	9	-40	-34	16	36
2	4.1	1	2.2	1	1.3	BON HOMME SD	-47	-40	-69	03	18
6*	6.6	2	2.1			BROOKINGS SD	-68				
3	2.2	8	4.5	6	3.8	BROWN SD	103	-17	69	67	66
1*	27.3					BUFFALO SD					
4*	10.6	2	4.7	1	2.3	BUTTE SD	-56	-51	-78	01	32
3*	18.8	1	5.9	1	8.0	CAMPBELL SD	-69	36	-57	07	96
1	1.9	1	1.4			CHARLES MIX SD	-29				
2	4.5	2	5.9			CLAY SD	-15				
1	1.0	4	3.5	3	1.9	CODINGTON SD	243	-45	90	73	26
		1	6.5	1	5.9	CORSON SD		-10			90
		1	3.9			CUSTER SD					
1	1.1	3	3.7	5	5.5	DAVISON SD	221	51	385	97	88
		1	2.2	3	5.5	DAY SD		149			88
				2	4.6	DEUEL SD					81
1	7.1			1	7.8	DEWEY SD			10	41	95
1	3.2	2	9.0			DOUGLAS SD	179				
		2	5.4	2	7.0	EDMUNDS SD		30			94
		4*	11.9	1	2.3	FALL RIVER SD		-81			31
		2	9.7	3*	15.8	FAULK SD		63			99
1	1.9	2	4.0	3	5.4	GRANT SD	110	33	179	87	87
		4*	11.6			GREGORY SD					
1	7.9	1	8.3	1	7.0	HAAKON SD	5	-15	-11	29	94
1	2.4			2	7.9	HAMLIN SD			229	91	96
1	3.1	1	2.8	1	3.0	HAND SD	-10	8	-3	34	49
4*	17.9			1	4.7	HANSON SD			-74	01	82
1	2.8	1	1.4	1	1.5	HUGHES SD	-51	12	-45	12	20
1	1.6			7*	10.4	HUTCHINSON SD			564	99	98
1	8.2					JACKSON SD					
				1	3.0	JERAULD SD					50
		2*	23.3			JONES SD					
2	4.0	1	2.9	1	2.6	KINGSBURY SD	-27	-11	-35	16	39
1	1.6	4	7.0			LAKE SD	350				
2	2.1	5	6.1	1	.8	LAWRENCE SD	187	-87	-63	05	14
2	2.8			5	5.7	LINCOLN SD			105	76	89
				1	6.5	LYMAN SD					93
3	7.1	1	2.0	1	1.8	MC COOK SD	-72	-12	-75	01	24
1	2.8	1	3.5	2	5.0	MC PHERSON SD	27	44	82	71	85
1	2.6			4*	9.9	MARSHALL SD			254	94	98
2	3.5	1	1.4	1	1.5	MEADE SD	-60	6	-58	07	20
2	6.8	1	3.9	1	5.4	MINER SD	-43	40	-20	24	88
10	2.2	10	2.1	25	4.6	MINNEHAHA SD	-4	115	107	77	80
2	4.2			2	3.7	MOODY SD			-11	29	66
8	5.8	4	1.6	6	2.0	PENNINGTON SD	-72	21	-66	04	27
		1	4.3	1	4.4	PERKINS SD		3			77
1	2.8	1	4.6	1	3.5	POTTER SD	63	-25	23	49	60
2	3.2			2	3.3	ROBERTS SD			1	36	55

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		1	4.6			SANBORN SD					
2	5.1	2	3.5	2	3.3	SPINK SD	-32	-3	-35	16	57
				1	9.1	STANLEY SD					97
1	14.5			1	12.4	SULLY SD			-14	27	99
		1	10.9	1	11.7	TODD SD		7			98
		2	5.2	3	6.6	TRIPP SD		25			93
		3	4.7	4	4.5	TURNER SD		-5			79
				1	3.2	UNION SD					55
2	5.9	2	5.2	1	1.6	WALWORTH SD	-11	-70	-73	02	21
7*	7.3	2	1.9	2	2.2	YANKTON SD	-74	17	-70	03	31
404	2.8	516*	3.2	765*	3.8	TENNESSEE TN	12	20	34		
8	2.5	5	1.7	16	4.5	ANDERSON TN	-33	168	80	70	79
3	2.7	5	4.4	7	5.3	BEDFORD TN	63	21	98	75	87
3	5.1			3	3.3	BENTON TN			-35	16	56
		4*	11.6	1	1.9	BLEDSOE TN		-84			25
5	2.5	7	2.5	20*	5.3	BLOUNT TN	0	115	115	78	87
7	4.4	6	2.7	11	3.7	BRADLEY TN	-40	40	-16	27	65
3	1.9	2	1.5	5	2.8	CAMPBELL TN	-23	92	47	59	44
		1	2.6	2	3.0	CANNON TN		14			49
7*	5.9	4	3.3	7	3.9	CARROLL TN	-45	19	-34	16	69
5	2.2	7	3.2	6	2.0	CARTER TN	42	-36	-9	30	27
2	4.9	2	4.0	2	2.4	CHEATHAM TN	-18	-40	-51	09	35
		4*	9.2	2	3.7	CHESTER TN		-60			65
2	2.0	6	5.8	3	2.4	CLAIBORNE TN	191	-58	21	48	36
1	2.2	1	2.5	3	7.6	CLAY TN	13	201	242	91	95
4	3.6	1	.9	2	1.3	COCKE TN	-74	42	-64	05	18
1	.8	6	4.2	9	4.8	COFFEE TN	449	13	523	98	82
1	1.6	1	1.5	4	4.8	CROCKETT TN	-6	212	192	87	83
2	1.6	3	3.2	3	2.2	CUMBERLAND TN	97	-30	38	56	30
49	3.4	63	3.5	81	3.8	DAVIDSON TN	3	10	13	43	68
2	4.9	1	2.1	1	1.5	DECATUR TN	-57	-28	-69	03	20
3	5.6	3	5.0	2	2.9	DE KALB TN	-10	-42	-48	10	47
5	5.4	2	1.8	7	4.8	DICKSON TN	-67	175	-10	30	83
3	2.0	7	5.1	7	4.1	DYER TN	156	-18	109	77	74
2	5.5			2	4.7	FAYETTE TN			-14	28	82
1	1.4	4	5.9	3	4.4	FENTRESS TN	329	-25	221	90	78
		6	5.3	7	4.7	FRANKLIN TN		-13			81
10*	4.7	9	3.8	10	3.7	GIBSON TN	-21	-1	-21	23	65
2	2.0	2	1.7	6	4.1	GILES TN	-13	140	108	77	73
4*	6.4	1	1.7	4	4.6	GRAINGER TN	-74	178	-28	20	81
7	4.0	4	1.7	7	2.4	GREENE TN	-58	43	-40	14	36
2	3.3					GRUNDY TN					
3	2.5	2	1.3	14*	6.0	HAMBLEN TN	-46	355	145	83	91
29	3.2	35	3.3	64*	5.0	HAMILTON TN	3	54	58	64	85
2	4.8	1	2.3	1	2.5	HANCOCK TN	-51	8	-48	11	37
2	2.4	2	2.9	5	4.8	HARDEMAN TN	23	63	100	75	82
2	2.4	1	1.1	6	4.9	HARDIN TN	-53	346	108	77	84
5	3.4	3	1.8	5	2.6	HAWKINS TN	-48	47	-24	22	40
		1	1.6	1	2.5	HAYWOOD TN		55			36
		3	3.7	3	2.9	HENDERSON TN		-23			46
4	3.4	5	4.2	8	5.8	HENRY TN	22	39	70	68	90
1	1.8	1	1.7	2	2.5	HICKMAN TN	-4	43	38	56	36
		1	3.1			HOUSTON TN					
1	1.9	3	5.5	1	1.1	HUMPHREYS TN	190	-80	-41	13	16
		1	1.7	2	3.5	JACKSON TN		100			60
		2	1.8	8	5.1	JEFFERSON TN		192			85
2	3.2	1	1.6	2	3.8	JOHNSON TN	-50	139	19	46	66
25	2.3	43	3.3	54	3.5	KNOX TN	45	7	56	63	61
2	6.1			1	2.3	LAKE TN			-62	06	33
3	3.9	1	1.3	5	5.3	LAUDERDALE TN	-68	324	37	55	87
4	3.0	5	3.2	4	2.6	LAWRENCE TN	7	-20	-14	28	39
		2	5.3	1	2.8	LEWIS TN		-46			44
1	.9	5	4.4	1	.8	LINCOLN TN	390	-81	-9	30	14
2	1.8	2	1.5	5	3.1	LOUDON TN	-17	113	76	69	52
6	3.7	6	3.6	5	2.5	MC MINN TN	-2	-31	-32	18	37
3	3.1	3	3.5	5	5.1	MC NAIRY TN	14	45	65	66	85
2	3.1	4	6.9	3	3.8	MACON TN	122	-45	23	49	67
8	3.4	5	2.2	13	4.5	MADISON TN	-37	107	30	52	79
4	3.9	4	4.3	5	4.1	MARION TN	12	-6	5	39	72
1	1.4	3	3.4	2	2.2	MARSHALL TN	145	-36	57	63	30
3	1.8	7	3.8	12	5.4	MAURY TN	111	43	201	88	88
1	4.3			1	3.3	MEIGS TN			-22	23	57
3	3.0	2	1.7	4	2.7	MONROE TN	-42	54	-11	29	42
4	2.6	7	3.8	4	1.7	MONTGOMERY TN	44	-56	-37	15	22
1	5.3					MOORE TN					
2	2.4			1	1.3	MORGAN TN			-45	12	18
10*	7.8	5	3.0	3	2.0	OBION TN	-61	-34	-75	01	26
2	2.5	3	4.3	4	3.9	OVERTON TN	70	-8	56	63	70
				1	1.9	PERRY TN					25
1	4.1			1	5.7	PICKETT TN			38	56	89
		3	4.9	5	7.1	POLK TN		45			94
2	1.6	5	3.3	7	3.0	PUTNAM TN	110	-10	89	73	48
1	1.2	1	1.4	3	3.0	RHEA TN	16	123	158	85	50
3	2.0	4	2.1	5	2.2	ROANE TN	7	2	9	41	29
2	1.7	2	1.5	16*	9.8	ROBERTSON TN	-12	560	483	98	98
2	1.3	4	2.1	12	3.9	RUTHERFORD TN	58	85	192	88	70
1	1.5	3	3.7	4	4.6	SCOTT TN	147	27	215	89	81
1	4.4	1	4.1	2	5.2	SEQUATCHIE TN	-5	26	19	47	86
3	2.7	5	3.8	5	2.6	SEVIER TN	41	-31	-3	34	40
62*	3.6	79*	3.8	104*	4.2	SHELBY TN	6	12	18	46	75
3	4.5	2	2.7	3	4.8	SMITH TN	-41	79	6	39	83
		1	3.9			STEWART TN					
14	3.0	20	3.6	31	4.3	SULLIVAN TN	22	18	44	58	76
3	1.9	4	1.9	8	2.4	SUMNER TN	0	27	27	51	35
1	1.5	6*	6.7	8*	6.6	TIPTON TN	353	-2	346	96	93
				2	6.3	TROUSDALE TN					92
2	2.3	3	3.5	5	5.8	UNICOI TN	55	65	155	84	90
1	2.6			1	1.9	UNION TN			-25	21	25

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		1	5.3	3*	14.0	VAN BUREN TN		166			99
		7	5.7	2	.9	WARREN TN		-84			15
6	2.2	15	4.5	16	3.9	WASHINGTON TN	107	-12	83	71	70
2	3.4			2	3.0	WAYNE TN			-12	29	48
4	3.6	3	2.2	2	1.0	WEAKLEY TN	-40	-52	-71	02	16
1	1.2	3	3.4	4	3.8	WHITE TN	186	14	226	90	68
5	5.2	4	3.4	11	5.3	WILLIAMSON TN	-34	56	3	37	87
2	1.9	4	2.7	4	1.9	WILSON TN	41	-30	-1	35	25
839	2.3	1416*	3.2	1856	3.4	TEXAS TX	40	8	51		
3	2.2	3	2.6	6	3.6	ANDERSON TX	15	41	62	65	63
				3	7.0	ANDREWS TX					94
2	1.1	10	5.6	5	1.8	ANGELINA TX	425	-68	70	68	24
1	3.4	1	1.8	2	2.8	ARANSAS TX	-47	54	-19	25	44
				1	3.8	ARCHER TX					66
				2*	24.6	ARMSTRONG TX					99
3	3.8	2	2.2	2	2.2	ATASCOSA TX	-42	-1	-43	13	30
				1	1.8	AUSTIN TX					24
		1	2.8	1	1.9	BAILEY TX		-33			25
1	5.6	1	4.5	1	1.4	BANDERA TX	-20	-70	-76	01	19
3	3.8	4	6.1	3	2.7	BASTROP TX	63	-56	-28	20	42
		1	3.1	1	5.4	BAYLOR TX		77			88
1	1.4	2	2.2	1	.9	BEE TX	59	-60	-37	15	15
3	.8	11	3.0	15	3.1	BELL TX	282	3	293	94	51
59	2.2	90	2.7	126	3.3	BEXAR TX	26	19	50	61	55
		1	5.1	1	2.1	BLANCO TX		-59			28
1	1.5	1	2.3	3	3.7	BOSQUE TX	58	62	155	84	65
4	1.7	8	2.8	13	3.8	BOWIE TX	67	38	131	81	68
5	1.9	14	4.2	15	3.4	BRAZORIA TX	123	-18	82	71	59
2	1.9	2	1.2	11	4.9	BRAZOS TX	-38	322	161	85	83
		1	3.3	1	2.8	BREWSTER TX		-17			43
		2*	11.5			BRISCOE TX					
1	3.8					BROOKS TX					
11*	8.4	7	4.9	5	2.7	BROWN TX	-41	-45	-68	03	42
		2	6.3	3	4.2	BURLESON TX		-34			7[illegible]
2	3.5	2	2.5	1	.6	BURNET TX	-29	-74	-82	00	13
		2	2.5	2	1.8	CALDWELL TX		-26			2[illegible]
1	2.8	2	2.6	4	5.4	CALHOUN TX	-5	104	93	74	8[illegible]
		2	4.8	1	1.3	CALLAHAN TX		-73			18
14	1.8	13	1.9	19	2.4	CAMERON TX	10	22	34	54	34
				2	5.7	CAMP TX					89
				3	9.2	CARSON TX					97
2	2.2	3	2.7	3	2.2	CASS TX	25	-18	2	37	31
		1	2.8			CASTRO TX					
1	4.4	2	4.6	3	3.9	CHAMBERS TX	5	-15	-10	30	69
2	1.1	4	2.9	5	2.3	CHEROKEE TX	162	-23	103	76	32
1	1.9	2	5.8			CHILDRESS TX	201				
2	4.2	3	6.2	1	2.7	CLAY TX	46	-56	-35	16	43
2	10.6	3*	10.2	1	4.0	COCHRAN TX	-4	-61	-62	03	71
		2*	14.3			COKE TX					
3	4.2	6*	7.7	3	3.0	COLEMAN TX	83	-62	-30	19	48
6	3.1	9	3.2	21	4.9	COLLIN TX	5	52	59	64	83
1	2.6	2	8.2	1	1.0	COLLINGSWORTH TX	213	-88	-64	05	15
1	1.3					COLORADO TX					
		3	2.5	6	3.5	COMAL TX		38			60
1	1.2	4	3.5	3	3.3	COMANCHE TX	188	-5	174	86	56
		1	6.3	1	8.7	CONCHO TX		37			97
2	1.6	3	2.3	6	3.9	COOKE TX	40	72	140	83	70
2	2.2	5	4.7	2	1.5	CORYELL TX	110	-67	-31	18	21
				1	5.1	CRANE TX					85
1	4.8			1	6.9	CROCKETT TX			42	57	94
		2	4.3	1	1.6	CROSBY TX		-63			22
		1	5.8			CULBERSON TX					
1	3.1	2	6.5	3*	10.8	DALLAM TX	112	67	255	92	98
108	3.3	163*	3.6	216*	3.9	DALLAS TX	9	8	18	46	69
3	2.9	1	1.1	1	.9	DAWSON TX	-61	-17	-67	03	15
2	2.6	5*	8.3	2	2.2	DEAF SMITH TX	216	-74	-17	26	29
		1	3.0	2	4.2	DELTA TX		39			75
3	1.5	3	1.3	11	2.8	DENTON TX	-13	115	86	72	43
1	1.2	5	5.3	5	5.1	DE WITT TX	339	-3	326	95	85
				1	2.3	DICKENS TX					32
		1	2.4	2	5.5	DIMMIT TX		123			88
1	7.1					DONLEY TX					
1	1.0	1	1.5	1	1.8	DUVAL TX	45	20	74	69	24
5	4.2	1	.5	3	3.0	EASTLAND TX	-89	558	-28	20	49
4	1.0	13	3.2	18	4.3	ECTOR TX	208	35	317	95	77
1	9.5	1	8.2			EDWARDS TX	-13				
2	1.0	7	3.6	11	4.5	ELLIS TX	275	26	373	97	79
24	2.0	37	3.0	56	3.9	EL PASO TX	45	31	90	73	69
		5	4.3	2	2.0	ERATH TX		-54			26
1	1.0	1	1.2	3	1.7	FALLS TX	15	50	73	69	23
5	3.4	2	1.0	5	2.5	FANNIN TX	-71	151	-27	20	38
1	.8	1	1.0	6	4.8	FAYETTE TX	17	383	466	98	82
2	4.0	1	2.1	1	1.7	FISCHER TX	-48	-17	-57	07	23
2	3.8	3	5.2	1	2.0	FLOYD TX	35	-61	-47	11	27
1	6.1					FOARD TX					
1	.5	5	3.1	12	4.6	FORT BEND TX	499	46	773	99	80
1	3.1			3	5.0	FRANKLIN TX			61	64	85
		7*	8.4	3	3.7	FREESTONE TX		-56			64
1	2.0	1	1.7	1	2.2	FRIO TX	-13	28	11	42	30
		5*	9.8	1	2.0	GAINES TX		-80			27
14	3.1	15	2.5	32	4.3	GALVESTON TX	-21	75	38	55	77
1	3.8	1	3.4			GARZA TX	-9				
2	3.5	3	4.7	5	6.7	GILLESPIE TX	32	44	90	73	93
1	3.8					GOLIAD TX					
4	4.7	2	2.5	3	2.3	GONZALES TX	-48	-6	-51	09	32
4	2.4	8	5.4	7	4.1	GRAY TX	126	-23	75	69	73
5	1.4	15	3.6	22	4.1	GRAYSON TX	157	15	196	88	74
6	2.7	12	4.0	11	2.7	GREGG TX	52	-34	0	36	41

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1	2.3	1	1.8			GRIMES TX	-20				
6	4.7	4	2.9	6	2.9	GUADALUPE TX	-39	1	-39	14	46
		3	1.8	5	3.1	HALE TX		67			51
1	2.5			1	1.5	HALL TX			-37	15	21
1	1.1			2	3.8	HAMILTON TX			238	91	67
1	2.7			2	6.6	HANSFORD TX			142	83	93
3	6.0	2	3.5	3	8.3	HARDEMAN TX	-41	135	38	56	96
1	1.1	4	3.8	7	4.8	HARDIN TX	243	28	337	95	83
103	2.6	206*	3.8	258	3.8	HARRIS TX	46	-2	43	58	66
4	2.9	4	2.8	7	4.1	HARRISON TX	-4	46	43	58	73
1	14.1			2	11.8	HARTLEY TX			-16	26	99
		1	2.5	2	3.5	HASKELL TX		40			60
2	2.5	1	1.1	5	4.0	HAYS TX	-55	268	65	66	72
				1	4.5	HEMPHILL TX					79
1	.9	3	2.0	3	1.7	HENDERSON TX	130	-17	90	73	23
8	1.0	10	1.2	24	2.6	HIDALGO TX	23	114	164	85	40
5	4.5	3	2.5	7	5.8	HILL TX	-45	137	30	52	90
3	3.2	1	.9	3	2.8	HOCKLEY TX	-72	213	-13	28	43
		1	4.2			HOOD TX					
1	1.0	5	3.3	4	2.9	HOPKINS TX	241	-12	200	88	47
		2	2.6	6	6.3	HOUSTON TX		142			92
3	1.6	3	1.6	7	3.8	HOWARD TX	0	135	135	82	66
8	4.7	4	1.6	7	2.4	HUNT TX	-67	53	-49	10	35
5	2.8	3	2.4	5	3.3	HUTCHINSON TX	-14	38	19	46	57
1	2.3	1	2.7	1	3.9	JACK TX	18	42	67	67	69
1	2.1	4	7.0	1	1.2	JACKSON TX	233	-82	-41	13	18
2	2.3	1	.9	4	2.8	JASPER TX	-60	212	23	49	44
30	3.9	38	4.0	51*	4.8	JEFFERSON TX	3	19	22	49	82
				1	4.6	JIM HOGG TX					80
		6	3.7	5	3.0	JIM WELLS TX		-20			49
1	.6	5	2.5	9	3.0	JOHNSON TX	339	19	420	97	49
4	3.4	7*	7.1			JONES TX	112				
		1	1.2	3	3.3	KARNES TX		165			56
2	2.4	3	2.0	4	2.6	KAUFMAN TX	-16	27	6	39	38
		1	2.7	2	3.8	KENDALL TX		41			66
3	2.7	1	.6	2	1.0	KERR TX	-79	74	-64	05	15
1	3.9					KIMBLE TX					
1	.5	4	3.6	1	.8	KLEBERG TX	672	-77	80	70	14
1	2.3	1	2.4	3	5.5	KNOX TX	2	132	136	82	88
2	1.1	4	1.9	5	2.2	LAMAR TX	81	16	109	77	31
1	.7	5	5.0	1	1.1	LAMB TX	627	-77	65	66	16
		1	1.5	3	4.4	LAMPASAS TX		165			77
		1	3.7			LA SALLE TX					
2	1.8	5	4.0	1	.5	LAVACA TX	125	-68	-72	02	13
1	2.2	1	1.9	8*	16.4	LEE TX	-14	761	638	99	99
1	3.2	2	4.2			LEON TX	32				
2	1.6	5	4.1	7	4.1	LIBERTY TX	148	0	148	84	73
3	2.3	5	7.5	2	1.1	LIMESTONE TX	225	-66	-53	08	16
		1	4.3			LIPSCOMB TX					
1	3.0	1	2.7	2	3.9	LIVE OAK TX	-10	43	29	52	69
		1	1.3			LLANO TX					
13	2.6	25	3.7	26	3.5	LUBBOCK TX	44	-6	35	54	60
		2	3.6	1	2.8	LYNN TX		-22			45
		1	1.2	3	3.5	MC CULLOCH TX		169			61
19	3.2	16	2.3	19	2.3	MC LENNAN TX	-29	-2	-30	18	31
1	2.3	1	2.8	1	1.2	MADISON TX	20	-58	-50	10	17
1	5.1	1	3.3	2	4.2	MARION TX	-34	25	-18	25	74
		3*	14.0	1	5.1	MARTIN TX		-63			85
		1	4.0	4*	10.9	MASON TX		176			98
2	2.4	2	1.7	3	2.5	MATAGORDA TX	-28	41	1	36	36
1	2.0	2	2.1	1	1.1	MAVERICK TX	5	-48	-45	11	16
4	5.0	5	5.2	2	1.6	MEDINA TX	4	-69	-68	03	21
		1	5.3			MENARD TX					
4	3.2	4	1.5	11	3.7	MIDLAND TX	-53	147	16	45	65
2	1.7	1	.7	3	2.7	MILAM TX	-60	305	61	65	42
				2	13.5	MILLS TX					99
4*	6.1	1	2.1			MITCHELL TX	-65				
3	3.7	6	6.2	4	5.6	MONTAGUE TX	66	-9	51	61	89
1	.9	8	4.9	12	3.5	MONTGOMERY TX	479	-30	306	94	60
		1	1.3	3	3.7	MOORE TX		194			65
		1	2.5	1	2.0	MORRIS TX		-19			27
				1	9.1	MOTLEY TX					97
2	1.7	3	2.1	7	4.1	NACOGDOCHES TX	24	95	142	83	72
4	2.6	3	1.9	6	2.4	NAVARRO TX	-27	27	-8	31	35
1	2.7			4	8.9	NEWTON TX			233	91	97
3	3.1	5	5.4	7*	7.0	NOLAN TX	71	30	123	80	94
15	1.4	39	4.1	39	3.6	NUECES TX	189	-12	155	84	64
		1	2.4	2	4.7	OCHILTREE TX		93			82
1*	15.1			1	8.2	OLDHAM TX			-46	11	96
9	3.8	7	3.3	12	3.7	ORANGE TX	-13	13	-2	35	65
1	.9	5	5.2	2	1.7	PALO PINTO TX	469	-67	86	72	23
		2	2.7	2	1.8	PANOLA TX		-32			24
1	.8	5	3.4	9	4.4	PARKER TX	353	28	480	98	77
		3	7.9			PARMER TX					
2	5.2	1	1.7	2	3.6	PECOS TX	-67	107	-32	18	62
3	4.8	2	2.4	9*	10.7	POLK TX	-51	351	122	79	98
16	3.4	16	3.3	12	2.5	POTTER TX	-2	-26	-28	20	36
1	4.5	2*	13.6	3*	10.4	PRAIRIE TX	205	-24	132	81	98
2	1.9	5	3.2	17*	6.3	RANDALL TX	65	94	222	90	92
				2*	12.4	REAGAN TX					99
		1	12.3			REAL TX					
1	.9	1	1.0	5	3.8	RED RIVER TX	12	261	305	94	67
1	.8	3	4.4	2	3.7	REEVES TX	463	-17	368	97	64
		1	1.8	1	2.1	REFUGIO TX		16			28
1	1.4	1	1.4	2	2.0	ROBERTSON TX	5	42	48	60	27
				1	1.4	ROCKWALL TX					19
2	2.4	2	2.5	2	2.6	RUNNELS TX	3	4	7	39	40
7	4.3	9*	5.8	10	4.5	RUSK TX	34	-22	4	38	79
1	2.8					SABINE TX					
		2	9.8	1	3.2	SAN AUGUSTINE TX		-67			54

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		1	3.7	2	3.5	SAN JACINTO TX		-5			61
3	1.9	3	1.8	8	3.8	SAN PATPICIO TX	-6	116	104	76	68
		2	6.9	2	6.3	SAN SABA TX		-8			92
1	10.0					SCHLEICHER TX					
2	2.4	5	5.5	2	2.8	SCURRY TX	130	-49	18	46	45
1	9.4	1	3.1			SHACKELFORD TX	-67				
1	1.0	3	3.6	5	3.1	SHELBY TX	257	-16	201	88	50
		1	7.3	1	6.9	SHERMAN TX		-6			94
3	1.0	16	4.2	22	4.3	SMITH TX	318	3	332	95	77
		1	7.1	1	2.6	SOMERVELL TX		-64			39
1	1.0			5	5.5	STARR TX			429	97	88
2	4.4			2	4.9	STEPHENS TX			12	43	84
		1	6.9	1	3.7	STONEWALL TX		-46			64
		1	4.4			SUTTON TX					
2	4.1	2	4.3	1	2.3	SWISHER TX	5	-47	-44	12	32
54	2.8	98*	3.7	115	3.4	TARRANT TX	34	-10	21	48	58
6	1.5	15	3.4	8	1.6	TAYLOR TX	122	-54	3	38	21
		1	8.3			TERRELL TX					
		3	4.9	5	7.5	TERRY TX		55			95
1	1.1	2	2.2	5	4.5	TITUS TX	103	107	320	95	80
2	.6	10	2.9	13	3.5	TOM GREEN TX	355	19	443	97	61
17	2.2	20	2.0	40	3.1	TRAVIS TX	-10	57	41	57	52
1	2.2			2	3.4	TRINITY TX			57	63	59
1	2.2	1	1.1	6	7.2	TYLER TX	-52	581	228	91	94
3	3.5	2	1.8	3	2.3	UPSHUR TX	-49	28	-35	16	32
		1	5.1	1	5.2	UPTON TX		2			86
2	2.8	1	.9	3	2.9	UVALDE TX	-67	210	4	38	47
		5	5.0	2	1.5	VAL VERDE TX		-69			20
1	.9	6	6.0	8	5.3	VAN ZANDT TX	566	-11	493	98	87
5	3.5	6	2.7	6	2.3	VICTORIA TX	-24	-14	-34	16	32
		3	5.2	3	2.6	WALKER TX		-49			40
		1	4.2	1	1.5	WALLER TX		-65			20
1	1.1	1	1.5	3	4.5	WARD TX	31	203	296	94	79
2	2.7	5	4.4	1	.5	WASHINGTON TX	61	-89	-82	00	13
6	1.9	5	1.6	8	2.1	WEBB TX	-20	37	9	41	28
		2	1.3	5	3.1	WHARTON TX		145			52
		3	7.5	1	1.5	WHEELER TX		-79			20
10	2.0	23	4.2	17	3.0	WICHITA TX	105	-28	48	60	50
1	1.0	1	.9	3	2.3	WILBARGER TX	-8	164	142	83	32
1	2.5	4	4.5	5	7.4	WILLACY TX	77	66	193	88	95
2	1.2	4	2.5	13	5.2	WILLIAMSON TX	116	110	354	96	86
2	3.0	1	1.4	2	2.5	WILSON TX	-54	79	-17	26	38
2	4.3	3	5.3	1	3.1	WINKLER TX	23	-41	-28	19	51
3	3.3	4	4.0	3	2.5	WISE TX	20	-38	-25	21	37
		3	3.3	6	4.2	WOOD TX		29			75
		1	2.4	1	3.3	YOAKUM TX		37			56
1	1.0	6	5.1	7	6.1	YOUNG TX	426	21	536	98	91
		2	3.0	3	7.2	ZAVALA TX		142			94
99	2.9	140	3.3	144	2.7	UTAH UT	11	-15	-6		
1	3.5					BEAVER UT					
4	3.8	4	3.0	6	4.8	BOX ELDER UT	-22	60	25	50	82
4	2.7	5	2.9	1	.6	CACHE UT	5	-81	-60	00	13
4	4.2	2	2.4	4	5.1	CARBON UT	-43	115	22	49	86
		1*	29.8			DAGGETT UT					
4	2.3	12	3.8	11	2.8	DAVIS UT	66	-26	23	49	45
3*	7.6	2	6.4	2	5.9	DUCHESNE UT	-15	-8	-22	23	90
				1	2.6	EMERY UT					40
		1	7.0			GARFIELD UT					
2	4.5	2	4.1	3	4.4	IRON UT	-9	7	-3	34	77
1	4.6	2	9.2			JUAB UT	99				
1	8.4					KANE UT					
3*	7.8	1	2.7	1	3.9	MILLARD UT	-65	42	-50	09	68
		1	4.0			MORGAN UT					
				1	10.4	RICH UT					98
38	2.7	70	3.7	61	2.7	SALT LAKE UT	38	-28	0	36	41
4	6.2	1	1.7	3	4.0	SANPETE UT	-72	130	-35	16	71
2	3.4	1	1.9	1	1.6	SEVIER UT	-45	-14	-52	09	22
2	7.8					SUMMIT UT					
		3	3.2	8*	7.7	TOOELE UT		141			95
				3	4.9	UINTAH UT					83
8	1.9	17	3.2	13	2.1	UTAH UT	73	-34	15	44	29
				1	2.2	WASATCH UT					29
1	2.0	3	5.7	3	2.9	WASHINGTON UT	184	-48	46	59	48
2*	39.5					WAYNE UT					
15	3.6	12	2.2	21	3.3	WEBER UT	-39	54	-6	32	57
75*	3.9	51	2.4	68	2.8	VERMONT VT	-39	20	-28		
5	5.3	3	2.9	2	1.9	ADDISON VT	-46	-34	-64	05	25
8*	6.1	2	1.3	7	3.8	BENNINGTON VT	-78	185	-37	14	67
8*	6.9	3	2.4	3	2.1	CALEDONIA VT	-65	-13	-69	03	28
15*	4.5	10	2.5	15	3.3	CHITTENDEN VT	-44	29	-27	20	55
4	2.7	5	2.9	2	1.3	FRANKLIN VT	8	-57	-53	08	18
2	4.0	2	3.2	1	1.3	LAMOILLE VT	-19	-59	-67	04	18
4	4.3	4	5.2	2	1.3	ORANGE VT	23	-76	-70	02	18
1	.9	2	1.8	6	5.1	ORLEANS VT	97	175	440	97	85
10	4.3	3	1.2	15	4.9	RUTLAND VT	-72	304	12	43	83
6	2.7	6	2.4	4	1.3	WASHINGTON VT	-13	-45	-52	09	18
3	2.1	4	2.3	6	3.3	WINDHAM VT	8	44	55	63	56
9	4.5	7	2.9	5	2.1	WINDSOR VT	-34	-28	-52	08	28
314	2.3	460	2.7	694	3.3	VIRGINIA VA	19	22	45		
1	.9	5	4.0	6	3.6	ACCOMACK VA	341	-9	301	94	63
3	1.2	6	2.1	8	2.1	ALBEMARLE#VA	74	1	75	69	28
7*	5.6	5	3.5	9	5.4	ALLEGHANY#VA	-37	52	-3	34	87
1	4.9			1	3.9	AMELIA VA			-20	24	69
2	2.5	1	1.1	3	2.6	AMHERST VA	-55	127	2	37	39

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COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1	3.2	2	3.4	APPOMATTOX VA		7			59
20	2.8	31	3.8	38	3.9	ARLINGTON#VA	37	0	37	55	68
6	1.7	12	3.0	12	2.5	AUGUSTA#VA	72	-17	42	57	36
		2	7.2	3*	10.0	BATH VA		40			98
9	1.8	18	3.5	22	3.4	BEDFORD#VA	89	-3	84	72	58
		1	3.9	1	3.0	BLAND VA		-22			50
1	1.3	4	4.9	2	1.9	BOTETOURT VA	286	-60	53	62	26
				3	5.0	BRUNSWICK VA					84
2	1.0	2	1.2	5	3.4	BUCHANAN VA	24	174	240	91	59
1	3.1					BUCKINGHAM VA					
		2	6.3	2	3.5	CAMPBELL VA		-45			60
1	.5	4	1.6	6	2.0	CAROLINE VA	248	21	321	95	26
				1*	22.1	CHARLES CITY VA					99
1	2.3	2	4.8	5*	9.7	CHARLOTTE VA	114	103	333	95	98
39	3.7	34	2.7	49	3.3	CHESTERFIELD#VA	-27	22	-11	29	56
1	3.1					CLARKE VA					
3*	17.1	1	5.9	1	5.3	CRAIG VA	-65	-10	-69	03	87
		1	1.5	4	4.1	CULPEPER VA		168			74
				4	4.5	DICKENSON VA					79
6	2.3	7	2.4	7	2.2	DINWIDDIE#VA	2	-8	-6	32	30
		1	4.3	1	2.7	ESSEX VA		-38			41
25	2.4	49	2.7	89	3.5	FAIRFAX#VA	14	31	50	60	61
1	1.5	6*	6.1	2	1.5	FAUQUIER VA	296	-75	0	35	20
1	1.9	3	5.1	4	6.3	FLOYD VA	168	23	229	91	92
1	3.6			1	2.9	FLUVANNA VA			-20	24	47
		1	.8	3	1.9	FRANKLIN VA		142			25
5	2.9	7	3.8	10	3.9	FREDERICK#VA	31	3	34	54	69
3	2.9	1	1.1	1	1.0	GILES VA	-61	-15	-67	04	15
		3	6.0	1	1.1	GLOUCESTER VA		-82			16
				4*	12.2	GOOCHLAND VA					99
2	4.6	1	2.7	2	3.8	GREENSVILLE#VA	-42	41	-19	25	66
6	5.3	6	4.9	2	1.3	HALIFAX#VA	-8	-74	-76	01	18
4	4.5	4	3.3	8	4.1	HANOVER VA	-26	23	-9	30	72
5	1.6	14	2.3	39	4.7	HENRICO VA	37	106	183	87	81
6	3.0	3	1.5	17*	5.8	HENRY#VA	-50	287	93	74	90
				1	4.7	HIGHLAND VA					82
4*	9.5	4*	7.9	4	6.8	ISLE OF WIGHT VA	-16	-15	-29	19	93
2	1.7	4	2.0	6	2.3	JAMES CITY#VA	16	14	33	54	32
1	3.4	2	7.7			KING GEORGE VA	123				
				2	4.9	KING WILLIAM VA					84
				3	4.4	LANCASTER VA					78
		3	2.4	5	3.8	LEE VA		57			67
2	2.2	2	1.6	5	2.9	LOUDOUN VA	-25	76	32	54	46
1	2.4			2	3.6	LOUISA VA			49	60	63
1	2.7			1	2.9	LUNENBURG VA			8	40	46
2	5.9	1	3.0			MADISON VA	-49				
1	2.4	1	1.5	1	1.6	MATHEWS VA	-38	3	-36	16	21
2	2.6	2	1.8	4	5.9	MECKLENBURG VA	-32	121	51	61	70
1	6.2	1	3.3	3	12.0	MIDDLESEX VA	-47	261	92	74	99
		4	2.1	7	2.5	MONTGOMERY#VA		23			38
1	2.0	1	2.6	3	4.6	NELSON VA	29	78	129	81	81
				3	4.0	NORTHAMPTON VA					72
		2	5.7	2	4.0	NORTHUMBERLAND VA		-30			71
1	1.6	1	2.8	1	2.8	NOTTOWAY VA	68	2	71	68	44
4*	7.8	2	3.3	4	4.1	ORANGE VA	-57	25	-47	11	74
2	2.7	2	2.4	4	3.6	PAGE VA	-9	48	34	54	62
		2	2.9	3	4.2	PATRICK VA		45			74
6	1.7	11	2.6	13	2.5	PITTSYLVANIA#VA	57	-3	52	61	38
1	3.6	1	2.1	3	4.5	PRINCE EDWARD VA	-41	109	23	49	79
5	4.6	8	3.6	4	1.2	PRINCE WILLIAM#VA	-21	-66	-73	02	18
1	1.0	2	1.4	9	5.3	PULASKI VA	39	287	437	97	87
2*	9.7					RAPPAHANNOCK VA					
		1	4.3	1	3.8	RICHMOND VA		-12			66
23	3.4	31	3.7	26	2.4	ROANOKE#VA	10	-36	-29	19	34
2	1.6			8	4.8	ROCKBRIDGE#VA			193	88	83
5	2.1	5	1.7	6	1.9	ROCKINGHAM#VA	-17	10	-9	30	25
3	1.7	3	2.4	4	2.8	RUSSELL VA	43	14	63	66	43
7*	5.1	8*	5.9	7	4.9	SCOTT VA	16	-18	-5	33	84
2	1.9	2	1.9	1	.7	SHENANDOAH VA	-1	-64	-65	04	13
2	1.5	4	2.4	7	4.0	SMYTH VA	60	64	163	85	71
3	5.1	4	6.0	5	6.3	SOUTHAMPTON#VA	18	5	24	50	92
		3	2.5	10	5.7	SPOTSYLVANIA#VA		131			89
1	2.4	1	1.2	2	1.7	STAFFORD VA	-51	44	-29	19	22
2*	18.0					SURRY VA					
1	3.8	1	4.4	1	3.3	SUSSEX VA	16	-24	-12	29	57
6	2.9	4	1.9	3	1.3	TAZEWELL VA	-32	-34	-56	07	18
		3	4.2	2	2.1	WARREN VA		-50			28
2	.7	7	2.4	7	2.2	WASHINGTON#VA	222	-8	197	88	30
1	2.8			2	4.0	WESTMORELAND VA			42	57	70
3	1.3	1	.5	7	3.1	WISE#VA	-63	543	137	82	51
2	1.7	1	1.1	4	3.0	WYTHE VA	-36	178	76	70	50
37	2.6	64	3.4	82	3.7	CHESAPEAKE CITY#VA	29	8	39	56	64
4	1.9	11	3.0	10	2.6	HAMPTON CITY VA	57	-11	40	56	40
4	1.5	10	3.2	21	4.8	NEWPORT NEWS CITY VA	114	48	217	90	82
1	1.1	2	1.9	7	5.0	SUFFOLK CITY VA	65	162	331	95	84
331	2.6	399	2.6	691*	3.7	WASHINGTON WA	1	43	45		
		1	2.3	1	1.8	ADAMS WA		-18			24
1	1.7	2	3.1	1	1.0	ASOTIN WA	89	-68	-40	13	16
2	.5	9	2.9	9	2.5	BENTON WA	521	-13	437	97	37
8	3.7	7	3.0	8	2.7	CHELAN WA	-19	-11	-27	20	42
3	2.2	3	1.7	12	5.3	CLALLAM WA	-23	207	136	82	86
18	4.2	15	2.7	31	4.1	CLARK WA	-35	49	-4	34	72
2	8.4			1	5.0	COLUMBIA WA			-41	13	84
9	3.2	6	2.0	13	3.6	COWLITZ WA	-40	85	11	42	63
3	5.0	3	4.0	3	3.1	DOUGLAS WA	-19	-22	-37	15	52
				1	3.8	FERRY WA					66
2	2.0	4	3.8	1	.8	FRANKLIN WA	91	-79	-60	06	14
1	6.6					GARFIELD WA					

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WHITE FEMALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
											%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
5	5.0	3	1.4	10	4.9	GRANT	WA	-72	243	-2	35	83
2	.7	6	1.9	6	1.7	GRAYS HARBOR	WA	160	-9	136	82	23
		1	.8	9	5.3	ISLAND	WA		559			87
				2	3.6	JEFFERSON	WA					63
104	2.5	141	2.8	241*	4.1	KING	WA	10	48	63	66	73
11	2.8	11	2.4	21	3.6	KITSAP	WA	-14	49	29	52	63
4	4.1	2	1.8	2	1.6	KITTITAS	WA	-56	-11	-61	06	21
3	5.3	1	1.6	2	2.4	KLICKITAT	WA	-70	47	-55	07	34
8	3.4	3	1.2	9	3.2	LEWIS	WA	-65	170	-7	32	54
1	1.7	2	4.0	4	7.5	LINCOLN	WA	139	89	350	96	95
		2	2.2	4	2.6	MASON	WA		17			39
4	2.9	4	3.1	7	5.1	OKANOGAN	WA	7	65	76	70	86
1	1.4	4	5.8	5	4.8	PACIFIC	WA	183	25	255	92	83
		4*	11.5	1	2.3	PEND OREILLE	WA		-80			31
40	2.9	38	2.4	71	3.5	PIERCE	WA	-20	50	20	47	62
6	2.4	7	2.6	17	4.7	SKAGIT	WA	11	77	96	74	81
1	3.9	1	4.0			SKAMANIA	WA	3				
22	3.0	22	2.2	60	4.4	SNOHOMISH	WA	-28	102	45	58	78
39	3.1	41	2.9	57	3.4	SPOKANE	WA	-6	16	9	41	57
1	1.2	2	2.3	3	2.8	STEVENS	WA	100	20	140	82	45
5	2.1	15	4.5	19	3.8	THURSTON	WA	116	-14	85	72	68
		3*	16.2	1	4.1	WAHKIAKUM	WA		-75			72
2	.9	2	1.0	13	5.2	WALLA WALLA	WA	12	430	496	98	86
8	2.2	10	2.5	16	3.3	WHATCOM	WA	12	32	48	60	55
2	1.5	4	2.9	4	2.4	WHITMAN	WA	90	-17	57	64	34
13	1.9	20	2.8	26	3.3	YAKIMA	WA	43	19	70	68	56
184	2.1	240	2.6	269	2.7	WEST VIRGINIA	WV	24	4	30		
2	2.1	1	1.5	2	2.4	BARBOUR	WV	-32	65	13	43	35
1	.8			6	2.7	BERKELEY	WV			250	92	41
5	3.7	1	.8	3	2.3	BOONE	WV	-79	195	-37	15	33
2	2.3					BRAXTON	WV					
3	2.2	4	2.7	2	1.4	BROOKE	WV	21	-49	-38	14	19
13	2.3	17	2.8	15	2.3	CABELL	WV	19	-18	-2	35	32
		1	2.6			CALHOUN	WV					
2	3.4	1	2.4			CLAY	WV	-30				
4	1.4	10	3.8	8	3.0	FAYETTE	WV	166	-20	113	78	50
		1	1.8			GILMER	WV					
1	2.7	2	4.7	1	2.4	GRANT	WV	73	-49	-12	29	34
2	1.0	3	1.6	7	3.2	GREENBRIER	WV	54	99	208	89	54
2	3.7	6*	9.6			HAMPSHIRE	WV	157				
5	2.8	7	3.9	8	4.0	HANCOCK	WV	41	3	44	58	71
		1	2.0			HARDY	WV					
4	.9	12	2.7	12	2.8	HARRISON	WV	198	2	205	89	44
		3	2.8	5	4.4	JACKSON	WV		53			77
		2	2.3	4	3.3	JEFFERSON	WV		46			57
27	2.6	32	2.7	47	3.8	KANAWHA	WV	2	43	45	59	67
4	3.5	3	2.7			LEWIS	WV	-24				
1	1.1	2	2.1	3	2.8	LINCOLN	WV	102	31	165	86	44
6	3.4	3	1.0	11	4.6	LOGAN	WV	-70	357	36	55	80
7	3.7	6	2.7	6	2.7	MC DOWELL	WV	-25	-1	-26	21	42
6	1.7	10	2.7	10	2.4	MARION	WV	58	-11	40	57	34
4	1.9	5	2.3	2	1.0	MARSHALL	WV	26	-56	-45	12	16
1	1.0	1	.6	4	3.0	MASON	WV	-39	396	204	88	49
6	2.2	14	4.2	11	3.4	MERCER	WV	93	-19	56	63	59
		1	.8	6	4.3	MINERAL	WV		456			76
4	2.4	5	3.1	4	2.4	MINGO	WV	26	-22	-2	35	34
5	1.9	10	3.5	9	2.9	MONONGALIA	WV	81	-17	51	61	46
1	1.9					MONROE	WV					
1	2.1			2	3.9	MORGAN	WV			84	72	70
3	2.1	3	2.3	1	.8	NICHOLAS	WV	9	-66	-63	05	14
7	1.8	12	3.1	11	2.9	OHIO	WV	75	-6	64	66	46
1	2.5	1	2.6	2	5.3	PENDLETON	WV	6	106	118	79	87
		1	2.1	1	2.3	PLEASANTS	WV		5			51
1	2.0	2	3.3	1	1.3	POCAHONTAS	WV	66	-61	-35	16	18
4	3.1	2	1.3	3	1.6	PRESTON	WV	-59	30	-46	11	22
2	1.9	5	4.0	6	3.7	PUTNAM	WV	117	-9	98	75	64
11	3.0	7	1.9	11	2.9	RALEIGH	WV	-35	50	-3	34	47
7	5.1	9*	6.4	2	1.1	RANDOLPH	WV	25	-83	-78	00	16
1	1.5	1	1.0	1	2.2	RITCHIE	WV	-34	120	46	59	30
2	2.3	1	1.2	3	3.8	ROANE	WV	-46	207	67	67	67
3	3.8	5	6.5	5	6.2	SUMMERS	WV	65	-1	64	66	92
2	2.4	2	3.1	2	2.3	TAYLOR	WV	33	-28	-4	33	31
1	2.1	2	4.2			TUCKER	WV	103				
4*	7.9	1	1.7	4	6.1	TYLER	WV	-79	261	-24	22	91
1	1.1					UPSHUR	WV					
5	3.1	8	4.1	7	3.2	WAYNE	WV	34	-23	3	37	53
		4	7.4	2	3.5	WEBSTER	WV		-53			60
4	4.4			4	3.6	WETZEL	WV			-17	26	63
4	1.1	8	1.8	10	2.0	WOOD	WV	66	9	81	71	27
2	1.0	2	1.4	5	3.6	WYOMING	WV	39	156	257	92	63
551*	2.9	679*	3.2	845	3.5	WISCONSIN	WI	9	10	20		
2	4.5			2	5.3	ADAMS	WI			16	45	86
2	2.6	3	3.8	4	5.6	ASHLAND	WI	44	-4	39	56	63
3	1.6	6	3.3	7	2.6	BARRON	WI	108	-20	65	66	40
2	3.7	3	4.4	4	6.0	BAYFIELD	WI	18	36	60	64	91
14	2.5	20	3.2	24	3.1	BROWN	WI	28	-3	25	50	51
4	5.8	2	2.7	2	2.1	BUFFALO	WI	-54	-20	-63	05	29
1	2.4			4	4.7	BURNETT	WI			97	75	81
1	1.2	3	2.6	2	1.4	CALUMET	WI	122	-46	20	47	19
6	2.5	7	3.0	13	5.0	CHIPPEWA	WI	17	68	97	75	84
3	1.8	9*	5.8	8	4.3	CLARK	WI	219	-26	135	82	76
8	4.1	8	4.1	4	1.6	COLUMBIA	WI	0	-60	-60	06	22
1	1.2	2	2.5	1	.8	CRAWFORD	WI	106	-69	-37	15	14
16	1.7	37	3.1	51	3.9	DANE	WI	88	24	134	81	69
6	2.0	8	2.4	13	3.4	DODGE	WI	20	43	71	68	59
2	2.0	3	2.5	8	3.1	DOOR	WI	29	103	162	85	85

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
9	4.1	13*	4.9	11	4.3	DOUGLAS	WI	19	-11	6	39	77
7	5.1	7	5.1	6	4.4	DUNN	WI	1	-15	-13	28	78
10	3.4	13	3.9	9	2.4	EAU CLAIRE	WI	16	-39	-29	19	35
1	10.2	1	6.0			FLOPENCE	WI	-41				
12	3.1	13	3.2	19	4.0	FOND DU LAC	WI	3	25	29	52	71
		1	2.6	1	3.3	FOREST	WI		27			57
6	2.8	5	2.3	4	1.6	GRANT	WI	-18	-30	-43	12	21
2	1.5	4	2.6	6	3.5	GREEN	WI	80	33	139	82	61
6*	6.3	4	4.4	5	4.6	GREEN LAKE	WI	-30	5	-27	20	80
5	5.7	1	.8	1	1.0	IOWA	WI	-86	25	-82	00	16
1	2.1	3	7.2	3	4.2	IRON	WI	247	-41	105	76	75
1	1.3	4	5.1	3	2.8	JACKSON	WI	283	-44	114	78	45
13*	4.9	5	1.7	11	3.4	JEFFEPSON	WI	-65	93	-32	18	58
1	1.0	4	4.2	4	3.4	JUNEAU	WI	334	-21	244	91	58
9	2.2	13	2.4	23	3.8	KENOSHA	WI	11	55	72	68	67
3	3.5	2	2.1	4	4.2	KEWAUNEE	WI	-35	95	21	48	75
13	3.6	10	2.4	19	3.9	LA CPOSSE	WI	-33	61	8	40	70
1	1.0	2	2.0	2	2.2	LAFAYETTE	WI	102	7	117	79	29
				1	1.2	LANGLADE	WI					18
4	3.5	1	.6	6	3.9	LINCOLN	WI	-83	540	11	42	69
9	2.4	21*	5.1	21	4.4	MANITOWOC	WI	109	-13	82	71	78
3	.6	17	3.8	18	3.3	MAPATHON	WI	489	-12	419	97	57
6	3.2	5	2.5	8	3.3	MARINETTE	WI	-22	31	3	37	56
		2	3.2	3	5.1	MAPQUETTE	WI		62			86
2	.7	7	2.4	16	4.1	MENOMINEE#	WI	249	71	498	98	72
185*	3.8	183*	3.4	171	3.1	MILWAUKEE	WI	-11	-9	-19	25	51
7	4.2	5	2.7	8	4.2	MONPOE	WI	-35	54	0	35	74
2	1.8	5	3.6	3	1.9	ONEIDA	WI	101	-47	7	39	26
12	2.6	14	2.4	18	3.1	OUTAGAMIE	WI	-7	26	17	45	50
3	1.9	10	4.9	13	4.5	OZAUKEE	WI	162	-8	142	83	79
1	2.8	2	4.5	7*	17.6	PEPIN	WI	58	292	522	98	99
3	3.1	3	2.6	3	2.5	PIERCE	WI	-15	-4	-19	25	37
3	2.3	3	1.8	6	3.1	POLK	WI	-20	71	36	55	51
7	3.9	10	5.1	11	4.5	PORTAGE	WI	32	-12	16	45	79
3	3.9	3	3.6	1	.8	PPICE	WI	-6	-79	-80	00	14
25*	4.1	26	3.4	37	4.4	RACINE	WI	-18	30	7	39	78
3	2.9	5	5.5	3	2.9	RICHLAND	WI	89	-46	2	37	48
20	3.8	21	3.5	21	3.2	ROCK	WI	-8	-9	-17	26	53
1	1.3			5	5.7	RUSK	WI			346	96	89
2	1.4	5	3.3	5	3.1	ST CROIX	WI	128	-6	115	78	51
7	3.8	1	.5	7	2.8	SAUK	WI	-88	484	-27	20	43
		3	6.5	4	8.8	SAWYER	WI		34			97
6	1.3	11	2.3	19	3.4	SHEBOYGAN	WI	80	47	164	85	58
2	2.5	5	5.5	1	1.4	TAYLOP	WI	124	-76	-45	12	19
3	2.4	6	4.9	8	6.0	TREMPEALEAU	WI	105	22	149	84	91
3	2.2	4	2.9	6	4.9	VERNON	WI	29	72	121	79	84
2	3.6	1	1.7	2	1.5	VILAS	WI	-53	-13	-59	07	20
2	.8	5	1.7	9	2.7	WALWOPTH	WI	120	60	252	92	42
3	4.8			4	5.7	WASHBUPN	WI			18	46	89
11*	5.4	12	5.1	15	4.4	WASHINGTON	WI	-5	-15	-19	25	78
14	2.3	38*	4.5	46	4.0	WAUKESHA	WI	92	-10	74	69	72
3	1.5	3	1.3	9	4.5	WAUPACA	WI	-13	235	191	87	79
2	2.6	4	5.5	5	4.0	WAUSHARA	WI	113	-26	57	64	72
12	2.3	13	2.1	38*	5.5	WINNEBAGO	WI	-8	163	142	83	88
9	3.4	9	2.9	9	2.6	WOOD	WI	-15	-9	-23	22	39
25	1.9	39	2.6	54	3.0	WYOMING	WY	39	17	62		
		2	1.6	1	1.1	ALBANY	WY		-33			16
1	1.5					BIG HORN	WY					
		2	3.3	2	2.9	CARBON	WY		-11			47
				1	2.7	CONVEPSE	WY					42
1	4.6	1	5.0			CROOK	WY	9				
		1	.8	7	6.5	FREMONT	WY		713			93
1	1.8	1	1.9	1	1.4	GOSHEN	WY	8	-28	-22	23	19
		1	3.4			HOT SPRINGS	WY					
2	8.0	3*	10.7	1	3.7	JOHNSON	WY	35	-65	-53	08	66
6	2.8	12	5.0	3	1.0	LAPAMIE	WY	77	-79	-63	05	16
		2	5.3	4*	9.3	LINCOLN	WY		75			97
3	1.9	4	2.1	3	1.1	NATRONA	WY	10	-46	-41	13	16
1	5.9			3*	15.5	NIOBRARA	WY			161	65	99
5	6.6	1	1.2	5	4.1	PARK-TETON#	WY	-82	250	-37	15	74
1	2.8			1	2.4	PLATTE	WY			-15	27	34
		2	2.3	7	6.4	SHEPIDAN	WY		182			92
3	2.4	4	4.4	7	5.8	SWEETWATER	WY	80	34	141	83	90
				3	7.7	UINTA	WY					95
		2	6.0	2	4.7	WASHAKIE	WY		-22			82

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1633	2.0	2225	2.3	2936	2.5	UNITED STATES		19	6	26		
73	1.7	82	2.1	99	2.5	ALABAMA	AL	26	19	51		
1	3.7	3*	12.2	1	4.4	AUTAUGA	AL	225	-64	18	46	91
2	5.2	1	2.7	1	1.6	BALDWIN	AL	-48	-41	-70	03	80
2	4.0			1	3.6	BARBOUR	AL			-11	30	88
		1*	54.6			BLOUNT	AL					
		1	2.3			BULLOCK	AL					
		2	6.2	1	2.3	BUTLER	AL		-63			83
1	1.5	1	1.5			CALHOUN	AL	4				
		1	.9			CHAMBERS	AL					
		1	4.5			CHILTON	AL					
		1	2.0			CHOCTAW	AL					
3	3.2	2	3.5			CLARKE	AL	8				
				1	4.8	COFFEE	AL					92
1	1.5			2	5.0	CONECUH	AL			240	90	92
1	10.1					COOSA	AL					
1	4.8	1	4.6	1	10.0	CRENSHAW	AL	-3	116	110	75	96
1	3.8					DALE	AL					
3	2.4	2	1.8	1	.6	DALLAS	AL	-25	-69	-77	02	78
1*	15.6					DE KALB	AL					
		1	2.9			ELMORE	AL					
		1	2.2	4*	8.0	ESCAMBIA	AL		262			95
1	1.9	1	1.6	1	1.7	ETOWAH	AL	-17	5	-14	29	80
		1	9.0			GENEVA	AL					
		1	4.3	1	3.2	HENRY	AL		-25			87
2	1.9			2	3.2	HOUSTON	AL			66	66	67
26	2.5	23	2.4	30	3.3	JEFFERSON	AL	-4	39	33	56	87
1	1.6	1	.8	4	5.2	LEE	AL	-49	537	225	89	93
1	2.2					LIMESTONE	AL					
1	.9			3	3.0	MACON	AL			250	91	86
		1	1.0	2	1.7	MADISON	AL		60			80
		3	5.2	4*	6.9	MARENGO	AL		33			94
8	2.3	12	2.8	22*	4.7	MOBILE	AL	23	64	102	73	91
		3*	7.6	1	3.4	MONROE	AL		-56			28
6	2.2	5	1.9	4	1.5	MONTGOMERY	AL	-11	-23	-32	18	80
				1	2.4	MORGAN	AL					83
1	2.3	2	4.5			PERRY	AL	94				
1	2.6	1	1.2	1	1.7	PIKE	AL	-55	44	-35	16	80
2*	8.7					RANDOLPH	AL					
1	.9	3	2.4			RUSSELL	AL	181				
1	4.0			1	5.1	SHELBY	AL			28	52	92
2	2.9			3	3.0	TALLADEGA	AL			4	38	86
		1	2.8	3*	7.7	TALLAPOOSA	AL		177			95
1	.7	1	.9	2	1.5	TUSCALOOSA	AL	28	66	112	75	80
		1	3.3			WALKER	AL					
		1	5.7			WASHINGTON	AL					
1	1.9	2	5.3	1	1.5	WILCOX	AL	171	-71	-21	25	80
		3	1.4	4	1.5	ALASKA	AK		9			
6	.8	8	1.3	9	.9	ARIZONA	AZ	56	-30	9		
2	1.0	1	.5			APACHE	AZ	-46				
2	2.7					COCONINO	AZ					
1	.6	7	4.3	5	1.5	MARICOPA	AZ	561	-65	130	79	80
				1	.5	NAVAJO	AZ					78
1	1.2			3	1.5	PIMA	AZ			19	46	80
25	1.3	25	1.7	41	2.7	ARKANSAS	AR	31	54	103		
1	2.2					BRADLEY	AR					
1	1.2	2	6.8	1	4.6	CHICOT	AR	465	-32	283	92	91
3*	10.9			2*	11.4	CLARK	AR			4	37	97
		3*	6.9	1	2.8	COLUMBIA	AR		-59			85
1	.8			5	5.7	CRITTENDEN	AR			619	97	93
		1	6.4			CROSS	AR					
1	5.9					DALLAS	AR					
1	1.7	2	9.0			DESHA	AR	433				
1*	9.6			1	6.7	FAULKNER	AR			-30	19	94
1	3.9	1	6.4	1	2.9	GARLAND	AR	65	-54	-25	23	86
1*	43.0					GRANT	AR					
1	6.6					HOT SPRING	AR					
		1*	132.6			INDEPENDENCE	AR					
2	1.0	7*	4.4	5	2.9	JEFFERSON	AR	332	-36	178	85	85
1	2.2	1	5.5			LINCOLN	AR	156				
1	2.1			2	4.7	MILLER	AR			125	79	92
				3	4.8	MISSISSIPPI	AR					92
2	3.0	1	2.1			OUACHITA	AR	-30				
2	1.7			3	4.5	PHILLIPS	AR			160	83	91
				1*	78.1	PIKE	AR					99
1*	54.2					POPE	AR					
		1*	8.3			PRAIRIE	AR					
2	.9	4	1.9	10	4.2	PULASKI	AR	106	123	361	94	90
1	1.5			1	.9	ST FRANCIS	AR			-37	14	79
1*	163.6					SCOTT	AR					
				3*	12.6	SEBASTIAN	AR					97
		1	1.8	1	2.0	UNION	AR		13			82
				1*	49.1	YELL	AR					99
101	2.1	177	2.4	307	2.4	CALIFORNIA	CA	16	0	16		
15	2.6	15	1.9	38	3.1	ALAMEDA	CA	-25	63	21	49	86
2	1.2	6	3.3	9	2.6	CONTRA COSTA	CA	169	-20	115	76	84
				1*	6.4	EL DORADO	CA					94
3	2.0	2	1.6	6	2.1	FRESNO	CA	-21	31	3	37	82

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1*	8.3			1	5.0	HUMBOLDT CA			-40	12	92
				1	1.7	IMPERIAL CA					80
				1*	17.5	INYO CA					98
6*	6.6	6*	5.5	4	2.0	KERN CA	-17	-64	-70	03	82
47	2.3	88	2.6	140	2.6	LOS ANGELES CA	18	0	17	45	84
				1	4.5	MADERA CA					91
2*	6.5					MERCED CA					
1	1.5	3	2.7	2	1.3	MONTEREY CA	75	-51	-15	28	79
				1*	53.6	NEVADA CA					99
				6	2.0	ORANGE CA					82
1	1.4	2	1.5	2	1.0	RIVERSIDE CA	8	-34	-29	20	79
2	1.5	3	1.2	14	4.2	SACRAMENTO CA	-21	251	177	85	90
		3	2.0	5	1.2	SAN BERNARDINO CA		-40			79
2	1.4	12*	4.4	9	.9	SAN DIEGO CA	219	-79	-33	17	79
10	1.6	17	2.1	32	3.2	SAN FRANCISCO CA	29	49	91	71	87
1	.7	3	1.7	6	2.2	SAN JOAQUIN CA	155	33	238	90	82
1	5.5					SAN LUIS OBISPO CA					
		4	2.8	7	2.1	SAN MATEO CA		-26			82
1	2.3	1	2.4	1	2.7	SANTA BARBARA CA	4	12	17	45	84
		4	2.9	11	2.4	SANTA CLARA CA		-18			83
1	3.8			1	1.7	SANTA CRUZ CA			-55	06	80
		1*	11.5			SHASTA CA					
2	3.1	5*	7.6	4	2.7	SOLANO CA	148	-64	-11	31	85
				1	2.0	SONOMA CA					81
				2	2.7	STANISLAUS CA					85
		2*	20.3			SUTTER CA					
3*	7.8					TULARE CA					
				1	2.2	YUBA CA					82
2	1.4	6	2.0	9	1.1	COLORADO CO	45	-42	-16		
2	2.0	5	2.7	8	2.0	DENVER-ARAPAHOE# CO	32	-25	-2	35	82
		1	1.5			EL PASO CO					
				1	2.4	JEFFERSON CO					83
9	2.1	12	2.5	19	2.1	CONNECTICUT CT	18	-19	-4		
3	2.4	4	2.0	7	2.5	FAIRFIELD CT	-17	26	4	38	84
3	1.9	3	2.1	5	1.6	HARTFORD CT	10	-22	-15	28	80
				1	6.0	MIDDLESEX CT					94
3	2.6	5	4.2	5	1.8	NEW HAVEN CT	61	-57	-31	19	81
				1	3.3	NEW LONDON CT					87
6	2.3	7	2.2	12	3.5	DELAWARE DE	0	55	55		
		1	1.6	2	3.1	KENT DE		90			86
3	1.8	4	2.1	9	4.3	NEW CASTLE DE	19	104	143	81	91
3	4.6	2	2.5	1	1.3	SUSSEX DE	-46	-46	-71	03	79
39	2.5	46	2.3	55	2.7	DIST. OF COLUMBIA DC	-6	15	8		
39	2.5	46	2.3	55	2.7	WASHINGTON DC	-6	15	8	39	85
55	1.6	114	2.8	147	3.0	FLORIDA FL	77	6	88		
2	2.9	2	2.4	1	.4	ALACHUA FL	-14	-82	-84	01	78
		1	2.9	2	4.6	BAY FL		58			91
		3*	22.7			BRADFORD FL					
				3	2.4	BREVARD FL					84
		10	4.3	14	4.1	BROWARD FL		-7			90
1*	14.9					CITRUS FL					
				1	4.8	CLAY FL					92
3*	9.4	1	3.9			COLUMBIA FL	-59				
10	2.6	29*	5.4	28	3.5	DADE FL	107	-35	34	56	88
14	3.2	11	2.1	15	2.8	DUVAL FL	-34	35	-11	31	85
3	2.6	5	2.9	5	2.9	ESCAMBIA FL	14	-2	12	41	85
2	1.9			2	1.9	GADSDEN FL			1	36	81
		1*	12.8			GLADES FL					
		1	15.8			GULF FL					
		1*	8.0			HERNANDO FL					
				2	6.9	HIGHLANDS FL					95
3	1.0	9	3.3	12	3.4	HILLSBOROUGH FL	219	3	230	90	88
1	4.7			1	2.8	INDIAN RIVER FL			-40	12	85
		1	2.3	2	4.3	JACKSON FL		82			91
				4*	6.3	LAKE FL					94
				2	4.1	LEE FL					90
		1	.9	2	2.1	LEON FL		134			82
		2	4.1			MANATEE FL					
2	2.1	3	4.3	2	2.6	MARION FL	109	-39	28	53	84
		2*	11.7	1	5.6	MARTIN FL		-52			93
				1	4.3	MONROE FL					91
1	4.4	1	2.0			OKALOOSA FL	-55				
1	.5	6	3.0	9	4.7	ORANGE FL	463	59	794	98	92
1	.4	5	2.1	5	1.6	PALM BEACH FL	434	-22	316	93	80
1	.5	4	2.9	8	3.1	PINELLAS FL	432	7	469	95	86
6	3.6	4	2.5	11*	4.9	POLK FL	-30	93	35	57	92
		1	2.7			PUTNAM FL					
				1	2.6	ST JOHNS FL					84
1	2.2	2	3.1	2	3.2	ST LUCIE FL	43	1	44	59	87
		2	3.9	2	5.0	SARASOTA FL		28			92
		1	1.8	2	2.8	SEMINOLE FL		59			85
1	8.7	1	3.9			SUMTER FL	-55				
1	5.9					SUWANNEE FL					
				1	14.0	UNION FL					97
1	1.2	4	4.0	4	4.0	VOLUSIA FL	217	0	219	88	90
				2*	30.8	WAKULLA FL					99
81	1.8	108	2.3	121	2.4	GEORGIA GA	27	7	36		
				1	10.9	APPLING GA					96

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1	1.9					BALDWIN GA					
				1	8.4	BARROW GA					96
		2*	6.7	1	6.1	BARTOW GA		-10			94
3	1.7	5	2.0	2	.9	BIBB GA	22	-56	-46	10	79
				1*	36.4	BRANTLEY GA					99
2	4.5					BROOKS GA					
				1*	14.1	BRYAN GA					97
1	4.4					BULLOCH GA					
1	.8	1	2.4	1	2.4	BURKE GA	182	1	185	86	83
				1	6.7	BUTTS GA					94
1	6.7	1	6.7			CAMDEN GA	1				
				1	3.9	CARROLL GA					89
1*	15.1					CHARLTON GA					
3	1.0	14*	5.0	10	3.6	CHATHAM GA	405	-28	265	92	88
2	4.5	1	2.2	3	7.2	CLARKE GA	-51	229	61	64	95
		1	5.9	1	2.7	CLAYTON GA		-55			84
		1*	12.0			CLINCH GA					
		1	3.3	1	2.4	COBB GA		-28			83
1	3.3			2*	6.5	COFFEE GA			95	71	94
1	2.8					COLQUITT GA					
				1	4.9	COLUMBIA GA					92
2*	10.0	1	7.1			COOK GA	-30				
		1	2.5	1	2.2	COWETA GA		-11			82
		2	7.8			CRISP GA					
1	2.3			1	2.8	DECATUR GA			20	48	85
1	.9	3	1.8	10	3.3	DE KALB GA	102	78	259	91	87
				2*	11.2	DODGE GA					97
1	6.3					DOOLY GA					
1	1.1	3	2.5	1	.5	DOUGHERTY GA	126	-80	-55	06	78
		1	5.7	1	4.7	EARLY GA		-18			91
1	1.6					EMANUEL GA					
				1	11.9	EVANS GA					97
				3*	8.1	FLOYD GA					96
22*	3.1	25	3.0	24	2.7	FULTON GA	-1	-11	-13	29	85
1*	15.9					GORDON GA					
2*	4.1					GRADY GA					
				1	5.7	GREENE GA					93
1	4.5					GWINNETT GA					
				2*	7.7	HALL GA					95
1	4.0			1	4.5	HANCOCK GA			14	42	91
				1	4.1	HENRY GA					90
1	1.8	2	4.6			HOUSTON GA	152				
1*	16.9					JACKSON GA					
		1	7.8			JASPER GA					
		1	2.5			JEFFERSON GA					
		1	4.1			JENKINS GA					
1*	4.9	1*	5.1			JOHNSON GA	3				
1	5.9					JONES GA					
		1	6.7	1	4.5	LAMAR GA		-34			91
1*	20.2					LANIER GA					
		2	4.8	1	3.0	LAURENS GA		-37			86
		1	5.7			LIBERTY GA					
1	1.6	2	1.8	2	2.6	LOWNDES GA	16	41	63	65	84
		2*	7.1	2*	11.3	MC DUFFIE GA		58			97
		2	8.2	1	4.0	MACON GA		-51			90
				1*	16.3	MADISON GA					98
		1	2.7	1	3.8	MERIWETHER GA		40			89
				2*	20.3	MILLER GA					98
		1*	7.3			MONTGOMERY GA					
1	4.9					MORGAN GA					
4	2.9	3	1.8	3	1.5	MUSCOGEE#GA	-35	-19	-47	10	80
1	2.0	2	4.4			NEWTON GA	121				
				1	9.9	OGLETHORPE GA					96
		1	3.4	1	2.9	PEACH GA		-14			86
				1	9.2	PIKE GA					96
		1	4.2			POLK GA					
				2*	26.5	QUITMAN GA					99
1	3.1	2*	11.4	2*	8.5	RANDOLPH GA	261	-25	169	84	96
4	2.4	3	1.3	5	2.0	RICHMOND GA	-47	51	-20	25	81
				1	3.9	SCREVEN GA					89
1	2.3	1	2.8	2	5.4	SPALDING GA	22	91	134	80	93
1	2.6					STEWART GA					
2	4.6	1	2.7	2	4.2	SUMTER GA	-42	55	-10	32	90
1	4.8	1	5.0			TALBOT GA	5				
1	4.1			1	5.2	TERRELL GA			25	51	92
				1	2.2	THOMAS GA					82
		1	3.8	2	4.3	TIFT GA		13			91
1	6.3			1	7.5	TOOMBS GA			19	47	95
2	2.7			2	4.1	TROUP GA			50	61	90
				2*	13.1	TURNER GA					97
		2*	8.9			TWIGGS GA					
1	6.7	1	4.9			UPSON GA	-28				
		1	9.1	1	11.5	WALKER GA		26			97
				1	2.6	WARE GA					84
		2*	14.3			WARREN GA					
1*	16.9	1*	7.5			WHEELER GA	-56				
1*	40.2					WHITE GA					
		1*	9.8			WHITFIELD GA					
1	2.8	1	4.7	1	3.5	WILKES GA	68	-25	25	51	88
		1	5.7			WILKINSON GA					
		1	4.0	1	4.2	WORTH GA		5			90
		53	2.5	65	2.4	HAWAII HI		-2			
		6	2.6	11	3.6	HAWAII HI		39			88
		39	2.5	45	2.3	HONOLULU HI		-8			83
		5	3.8	3	2.7	KAUAI HI		-28			85
		3	1.2	6	2.8	MAUI#HI		131			85

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
1	1.7	2	4.1			IDAHO ID	138				
1*	13.5					BANNOCK ID					
		1*	8.1			BINGHAM ID					
		1*	30.7			CANYON ID					
104*	2.6	148*	3.0	202*	3.2	ILLINOIS IL	14	8	22		
1*	12.7	1*	18.6	1*	17.7	ADAMS IL	46	-5	39	58	98
		1	5.9			ALEXANDER IL					
		1	3.0			CHAMPAIGN IL					
		1*	589.6			CHRISTIAN IL					
		1*	115.1			CLINTON IL					
94*	2.9	128*	3.1	172*	3.3	COOK IL	5	6	11	41	87
		1*	10.5			DU PAGE IL					
				1	7.9	JACKSON IL					95
1*	30.4					JEFFERSON IL					
		1	1.8	3	5.9	KANKAKEE IL		231			94
		1*	7.7			KNOX IL					
1	2.8	1	1.3			LAKE IL	-54				
				1*	490.8	LAWRENCE IL					99
				1*	38.3	LEE IL					99
		3*	10.0	2	5.1	MACON IL		-49			92
				4*	8.1	MADISON IL					95
2	5.2			4*	6.9	PEORIA IL			33	56	95
1	4.7	1	7.2	2	4.3	ROCK ISLAND IL	53	-40	-7	33	91
2	1.1	3	1.3	4	1.3	ST CLAIR IL	21	1	22	49	79
		1	3.2	1	3.1	SANGAMON IL		-3			86
1	5.2			3*	11.3	VERMILION IL			117	77	97
		1	4.0	2	3.6	WILL IL		-9			88
1	1.8	2	4.4	1	2.4	WINNEBAGO IL	143	-46	32	54	83
20	1.9	36	2.7	46	2.8	INDIANA IN	41	4	47		
		3	7.1	1	1.3	ALLEN IN		-82			79
1	2.4	2	7.2	1	2.3	DELAWARE IN	203	-68	-4	34	83
2*	43.6	1	10.3			ELKHART IN	-76				
				1	5.2	GRANT IN					93
				1	9.6	HOWARD IN					96
1*	60.7					JOHNSON IN					
8	2.4	16*	4.0	13	2.5	LAKE IN	63	-38	1	36	84
1	5.0					LA PORTE IN					
				1	6.7	MADISON IN					94
4	1.0	9	1.8	19	3.2	MARION IN	73	75	203	87	87
				1*	26.5	MONROE IN					99
				1*	562.5	MORGAN IN					99
1	2.2	3	4.7	5*	5.6	ST JOSEPH IN	117	18	156	82	93
1	2.4	1	2.0	2	3.5	VANDERBURGH IN	-17	74	44	59	88
1	4.1	1	4.4			VIGO IN	7				
4	3.2	2	1.5	5	3.4	IOWA IA	-53	129	7		
1*	63.9					APPANOOSE IA					
		1	3.6			BLACK HAWK IA					
1*	12.2			1*	14.5	LEE IA			19	47	98
				1	33.5	LINN IA					99
1	1.7			3	5.3	POLK IA			221	89	93
		1*	57.3			WAPELLO IA					
1*	11.6					WOODBURY IA					
9	1.9	14	2.9	17	3.0	KANSAS KS	52	4	59		
		2*	24.6			ATCHISON KS					
				1*	13.0	COWLEY KS					97
				1*	74.3	DONIPHAN KS					99
		1*	93.0			FINNEY KS					
				1	4.2	GEARY KS					90
		1*	327.3			HODGEMAN KS					
1*	98.2					JEFFERSON KS					
1	6.5	1	3.5			LEAVENWORTH KS	-46				
				1*	17.0	LYON KS					98
1*	141.3					MORRIS KS					
		1*	28.4			SALINE KS					
2	1.9	4	4.3	5	3.8	SEDGWICK KS	126	-12	98	72	89
				1*	13.8	SEWARD KS					97
1	1.9	3	6.1	1	1.7	SHAWNEE KS	220	-71	-7	33	81
3	1.8	1	.7	6	4.2	WYANDOTTE KS	-60	491	136	80	90
17	1.6	28	2.6	36	3.6	KENTUCKY KY	66	35	124		
		1*	42.4			ALLEN KY					
1*	6.7	1*	11.8			BARREN KY	76				
1*	36.4					BATH KY					
1	7.5			1	6.9	BOURBON KY			-8	32	94
		2*	44.8			BRECKINRIDGE KY					
2*	30.5					CALDWELL KY					
				1*	28.1	CALLOWAY KY					99
1	2.1	1	.9	2	3.4	CHRISTIAN KY	-55	266	63	64	87
1*	11.6					CLARK KY					
				1*	94.4	CRITTENDEN KY					99
1	.9	4	4.4	8*	8.2	FAYETTE KY	387	86	806	98	96
				1	13.6	FRANKLIN KY					97
		1*	28.4			GARRARD KY					
1*	281.2					GRANT KY					
		1	3.7			HARDIN KY					
				1*	21.1	HART KY					98
1	5.6					HENDERSON KY					
1	5.4			1	15.4	HOPKINS KY			184	86	98
4	1.3	11	2.8	15	3.6	JEFFERSON KY	112	30	175	84	89

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
1	9.2			1	11.9	MADISON	KY			29	53	97
		1*	42.0	1*	26.0	MERCER	KY		-38			99
		1*	49.1			METCALFE	KY					
		1*	54.7			MONROE	KY					
1*	14.0					MUHLENBERG	KY					
		1*	42.6			PERRY	KY					
		1*	7.4			TODD	KY					
		1	3.4	1	4.4	WARREN	KY		27			91
				2*	21.4	WEBSTER	KY					98
68	1.6	96	2.3	121	2.7	LOUISIANA	LA	46	17	71		
		1	3.2	3*	6.4	ACADIA	LA		102			94
1	3.1			1	3.1	ASCENSION	LA			0	35	87
1	3.1	1	4.8	1	3.8	ASSUMPTION	LA	53	-22	19	48	89
2	4.1	1	1.4			AVOYELLES	LA	-66				
				1	4.0	BEAUREGARD	LA					90
1	3.2			1	3.6	BIENVILLE	LA			13	42	88
		2	3.6			BOSSIER	LA					
9	2.9	11	3.3	7	2.1	CADDO	LA	12	-38	-30	19	82
5*	4.0	1	.7	7*	5.0	CALCASIEU	LA	-82	596	25	50	92
				1	7.3	CALDWELL	LA					95
1	1.2					CLAIBORNE	LA					
		1	2.1			DE SOTO	LA					
4	1.9	7	2.7	7	2.1	EAST BATON ROUGE	LA	41	-20	12	41	82
		1	2.3			EAST FELICIANA	LA					
		1	4.5	1	1.6	EVANGELINE	LA		-64			80
1	2.7					FRANKLIN	LA					
				1	6.3	GRANT	LA					94
1	.8	3	5.5	1	1.6	IBERIA	LA	624	-70	114	76	80
		1	2.0	3	4.1	IBERVILLE	LA		104			90
				2*	9.6	JACKSON	LA					96
		3	1.7	8	4.1	JEFFERSON	LA		137			90
				1	4.3	JEFFERSON DAVIS	LA					91
4*	5.5	2	3.0	5	6.0	LAFAYETTE	LA	-45	100	9	40	94
		2	9.8	1	2.5	LAFOURCHE	LA		-75			84
		1	2.3	1	.8	LINCOLN	LA		-63			79
		1	5.5	1	6.6	LIVINGSTON	LA		21			94
		1	2.2	1	2.5	MADISON	LA		13			84
1	1.0			2	3.8	MOREHOUSE	LA			278	92	89
1	1.2	3	4.3	1	1.7	NATCHITOCHES	LA	272	-60	47	60	81
22	2.3	28	2.8	41*	3.8	ORLEANS	LA	22	35	65	65	89
		2	1.7	3	1.7	OUACHITA	LA		0			81
1	3.9	1	4.2			PLAQUEMINES	LA	6				
1	1.8			1	3.4	POINTE COUPEE	LA			87	70	87
		3	2.1	4	2.8	RAPIDES	LA		31			85
1	2.5	2	5.0	1	1.7	RICHLAND	LA	99	-66	-32	18	81
		1	10.8			SABINE	LA					
		1*	4.9			ST BERNARD	LA					
		1	5.1			ST CHARLES	LA					
				2	5.0	ST JAMES	LA					92
		1	1.3			ST JOHN THE BAPT	LA					
2	1.2	4	3.4	4	3.4	ST LANDRY	LA	177	2	183	85	88
2	5.2			1	2.3	ST MARTIN	LA			-56	06	83
		2	3.4	1	1.7	ST MARY	LA		-50			81
		1	2.4			ST TAMMANY	LA					
1	.7	1	1.6	2	2.3	TANGIPAHOA	LA	134	42	233	90	82
		1	2.1			TENSAS	LA					
1	1.5			1	2.4	TERREBONNE	LA			60	64	83
1*	4.9					VERNON	LA					
1	1.9			1	2.3	WASHINGTON	LA			21	48	83
1	1.8	2	2.3			WEBSTER	LA	27				
		1	11.7	1*	16.4	WEST CARROLL	LA		40			98
1	1.9					WEST FELICIANA	LA					
1	5.9					WINN	LA					
1	7.5	1	2.3			MAINE	ME	-69				
1*	172.0					ANDROSCOGGIN	ME					
		1*	25.6			WASHINGTON	ME					
53	2.3	51	2.0	88	2.8	MARYLAND	MD	-16	42	19		
2	1.4	1	.8	3	2.0	ANNE ARUNDEL	MD	-44	151	41	58	81
3	3.4	1	1.2	7	5.2	BALTIMORE	MD	-65	345	55	62	93
1	4.0	1	4.2	1	3.9	CALVERT	MD	5	-7	-3	35	90
1*	10.7					CARROLL	MD					
2*	10.7			1	5.9	CECIL	MD			-45	10	94
1	2.8	2	2.9	3	5.7	CHARLES	MD	3	99	105	74	93
1	2.8	1	2.3			DORCHESTER	MD	-18				
				2	8.5	FREDERICK	MD					96
		1	2.0			HARFORD	MD					
				2	4.6	HOWARD	MD					91
				6	3.9	MONTGOMERY	MD					89
5	4.0	4	1.9	11	2.2	PRINCE GEORGE'S	MD	-51	16	-44	11	82
		1	3.0	1	2.5	SOMERSET	MD		-16			84
				3*	11.0	WASHINGTON	MD					96
		2	3.7	1	1.7	WICOMICO	MD		-54			81
2	4.9			2	5.4	WORCESTER	MD			10	40	93
35	2.6	37	2.4	45	2.8	BALTIMORE CITY	MD	-6	16	9	39	85
14	3.0	7	1.2	17	1.9	MASSACHUSETTS	MA	-61	58	-38		
		1*	13.5			BERKSHIRE	MA					
		2*	13.2	1	1.5	ESSEX	MA		-88			80
1	1.0					HAMPDEN	MA					
4*	7.1	2	2.0	2	1.9	MIDDLESEX	MA	-72	-1	-73	02	81
				1*	136.6	NANTUCKET	MA					99
1*	11.2					NORFOLK	MA					
		1	4.0	1	3.4	PLYMOUTH	MA		-17			87

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NON-WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
8	3.1	1	.3	10	2.3	SUFFOLK MA	-89	587	-26	22	83
				2	3.9	WORCESTER MA					89
75*	2.5	100	2.8	126	2.6	MICHIGAN MI	12	-6	6		
		1*	114.7			BARAGA MI					
2	2.1	5*	8.5	3	3.2	BERRIEN MI	295	-63	48	60	87
1	1.3	1	1.9			CALHOUN MI	47				
		1	4.4			CASS MI					
3	1.7	6	3.0	6	2.4	GENESEE MI	76	-19	43	59	83
		1*	42.0			GRAND TRAVERSE MI					
1	4.7	1	3.1	1	2.0	INGHAM MI	-34	-35	-57	05	81
		1	2.7	2	7.0	JACKSON MI		160			95
		3*	9.9	1	2.6	KALAMAZOO MI		-74			84
1	.7	2	2.4	2	1.6	KENT MI	227	-32	122	78	80
		2	7.8			MACOMB MI					
2	4.8	1	2.6	3	3.2	MUSKEGON MI	-46	25	-33	18	87
				1*	13.2	NEWAYGO MI					97
5*	5.2	4	4.2	6	2.7	OAKLAND MI	-19	-36	-48	09	85
				4	2.4	SAGINAW MI					83
		2*	16.0			ST CLAIR MI					
2	2.0	1	1.1	5	3.9	WASHTENAW MI	-45	259	98	72	90
58*	2.7	68	2.6	92	2.8	WAYNE MI	-5	6	1	36	85
2	1.3	7	3.6	8	2.0	MINNESOTA MN	176	-43	58		
		1*	17.2	1*	19.3	BECKER MN		12			98
				1	3.6	BELTRAMI MN					88
1	1.1	4	4.4	2	1.2	HENNEPIN MN	307	-72	14	43	79
		1*	49.7			MAHNOMEN MN					
1*	172.0					OLMSTED MN					
		1	2.5	3	2.7	RAMSEY MN		11			85
				1	9.8	ST LOUIS MN					96
59	1.3	76	2.1	66	1.9	MISSISSIPPI MS	57	-8	44		
		1	1.4	4	4.7	ADAMS MS		238			92
		1	8.5			ALCORN MS					
		1	4.0	1	1.8	ATTALA MS		-54			81
		2*	15.4			BENTON MS					
1	.3			2	1.8	BOLIVAR MS			609	97	81
		1	6.1			CALHOUN MS					
		1	2.7			CAPPOLL MS					
1*	11.4					CHOCTAW MS					
2	6.7	1	2.0			CLAIBORNE MS	-70				
1	3.8					CLARKE MS					
				1	2.5	CLAY MS					84
1	.3	3	1.4	4	3.3	COAHOMA MS	333	134	912	99	87
1	1.6	1	2.2	3	4.9	COPIAH MS	33	126	201	87	92
1	2.9	1	3.0			COVINGTON MS	1				
		3	5.0			DE SOTO MS					
3	4.5	3	5.6	3	5.3	FORREST MS	23	-5	17	45	93
		1	1.5			GRENADA MS					
		1*	10.1	2*	17.8	HANCOCK MS		76			98
1	.6					HARRISON MS					
10	3.6	7	2.3	14	4.0	HINDS MS	-37	74	10	40	90
1	.6	1	.9	1	1.5	HOLMES MS	35	69	128	79	80
				1	2.1	HUMPHREYS MS					82
1	11.2					ISSAQUENA MS					
				1	1.9	JACKSON MS					81
1	1.5	3*	11.2			JASPER MS	655				
		2	5.6			JEFFERSON MS					
1	4.6	1	5.2			JEFFERSON DAVIS MS	13				
1	1.1	3	4.9			JONES MS	354				
1	4.4	2	5.6	1	5.0	LAFAYETTE MS	28	-11	14	43	92
1*	4.9					LAMAR MS					
1	.7	1	1.0	3	4.4	LAUDERDALE MS	48	342	554	96	91
				1	3.8	LEAKE MS					89
				2	5.0	LEE MS					92
1	1.0	2	2.4	1	1.2	LEFLORE MS	137	-49	20	48	79
1	3.1	1	3.6	1	2.4	LINCOLN MS	16	-32	-21	24	83
		1	1.4	1	2.0	LOWNDES MS		38			81
2	1.6			2	1.9	MADISON MS			19	47	81
1	3.8					MARION MS					
3	3.3	2	2.7	1	2.1	MARSHALL MS	-17	-23	-37	15	82
				1	2.7	MONROE MS					84
		2*	11.5			MONTGOMERY MS					
				1	4.2	NEWTON MS					90
		1	3.0			NOXUBEE MS					
3*	8.4	2	2.8			OKTIBBEHA MS	-66				
1	1.6	1	1.7	1	1.4	PANOLA MS	11	-21	-12	30	79
1	.7	2	2.5	1	1.7	PIKE MS	256	-29	151	82	81
		2	4.1			QUITMAN MS					
		2	3.2	1	2.2	RANKIN MS		-31			82
		1	3.3	1	3.6	SCOTT MS		10			88
1	1.1					SHARKEY MS					
1	1.9					SIMPSON MS					
1*	15.7					STONE MS					
1	.3	1	.8			SUNFLOWER MS	154				
1	1.9	3	5.3	1	1.4	TALLAHATCHIE MS	176	-73	-26	22	79
		1	5.1			TATE MS					
		1	7.9			TIPPAH MS					
4*	5.1					TUNICA MS					
		1	5.0			WALTHALL MS					
2	2.2	2	2.5	2	2.0	WARREN MS	13	-17	-6	33	82
2	.7	5	3.2	3	2.1	WASHINGTON MS	367	-32	216	88	82
1	5.4					WAYNE MS					
				2	5.7	WILKINSON MS					93
				1	4.4	WINSTON MS					91
2	2.5	2	3.6	1	1.4	YAZOO MS	46	-60	-42	11	80

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NON-WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NEPVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
37	2.2	51	2.6	57	2.7	MISSOURI MO	16	5	22		
		1	6.5			CALLAWAY MO					
1*	21.9					CLAY MO					
14*	4.5	11	2.3	12	2.3	JACKSON MO	-48	-1	-49	08	83
		1*	22.9			JASPER MO					
				1	16.1	MISSISSIPPI MO					98
		2*	13.8			NEW MADRID MO					
1	2.6			1	3.9	PEMISCOT MO			50	61	89
		1*	11.2			PETTIS MO					
1*	188.7			1*	81.8	ST FRANCOIS MO			-57	06	99
2	2.1	3	2.3	9	3.6	ST LOUIS COUNTY MO	11	51	68	67	88
18	1.9	32	3.0	33	3.4	ST LOUIS CITY MO	59	12	79	69	87
2	1.6	7*	6.2	2	2.0	MONTANA MT	281	-67	24		
				1	11.1	BIG HORN MT					97
		1*	15.1			BLAINE MT					
		3*	17.8			GLACIER MT					
1*	8.5					LAKE MT					
		1*	60.3	1*	78.1	PHILLIPS MT		29			99
1*	11.0					ROOSEVELT MT					
		1*	9.6			VALLEY MT					
		1*	40.9			YELLOWSTONE MT					
4	2.9	8*	4.3	10*	4.5	NEBRASKA NB	52	4	57		
		1*	298.1			CHEYENNE NB					
4	3.8	6	4.0	10*	6.5	DOUGLAS NB	5	63	71	67	94
		1	12.8			LANCASTER NB					
				5	1.3	NEVADA NV					
				4	1.5	CLARK NV					80
				1*	8.6	ELKO NV					96
38	1.9	67	2.7	101	2.7	NEW JERSEY NJ	40	3	44		
6*	5.0	3	2.4	5	3.7	ATLANTIC NJ	-51	51	-25	22	89
2	2.8	3	4.3	6	3.8	BERGEN NJ	52	-10	36	57	89
2	5.2			5	3.6	BURLINGTON NJ			-29	20	89
4	2.8	3	2.1	7	2.6	CAMDEN NJ	-25	22	-9	32	84
				1	5.6	CAPE MAY NJ					93
		1	1.7	2	2.5	CUMBERLAND NJ		53			84
10	1.4	26	3.1	28	2.4	ESSEX NJ	119	-22	71	67	83
		3	4.4	7*	8.7	GLOUCESTER NJ		96			96
5	3.6	10*	4.9	7	1.9	HUDSON NJ	38	-62	-48	09	61
3	1.6	2	1.2	9	4.1	MERCER NJ	-26	250	158	83	90
1	1.9	4	4.1	1	1.1	MIDDLESEX NJ	114	-73	-42	12	79
2	1.8	4	2.5	5	2.8	MONMOUTH NJ	42	12	58	63	85
				2	4.4	MORRIS NJ					91
				1	2.7	OCEAN NJ					85
1	1.2	3	1.9	7	2.5	PASSAIC NJ	57	33	109	75	84
		1	3.1			SOMERSET NJ					
2	.8	4	1.8	8	2.7	UNION NJ	132	50	247	91	85
5	1.8	3	.8	8	1.4	NEW MEXICO NM	-55	82	-19		
1	2.8					BERNALILLO NM					
				1	5.9	CHAVES NM					94
				2*	15.2	LEA NM					98
3	3.8	1	2.5	3	3.2	MC KINLEY NM	-34	28	-16	27	87
		1	3.7			OTERO NM					
				1	5.2	RIO ARRIBA NM					93
				1*	16.7	ROOSEVELT NM					98
1	2.5	1	.9			SAN JUAN NM	-65				
172*	3.2	170	2.2	231	2.2	NEW YORK NY	-32	-1	-33		
				4	7.2	ALBANY NY					95
20*	3.7	17	1.6	24	1.8	BRONX NY	-57	15	-51	08	81
		2*	17.1			BROOME NY					
		1*	15.7			CATTARAUGUS NY					
		1*	19.3			CHAUTAUQUA NY					
				1	4.7	CHEMUNG NY					92
2	6.6					DUTCHESS NY					
6	1.8	6	1.5	8	1.7	ERIE NY	-17	8	-10	31	80
46*	4.2	27	1.1	66	2.5	KINGS(BROOKLYN) NY	-74	127	-41	12	84
1*	22.9	1*	13.8			LIVINGSTON NY	-40				
2	2.5	2	1.0	3	.6	MONROE NY	-62	-32	-74	02	78
2	1.6	6	2.9	4	1.3	NASSAU NY	82	-54	-16	27	79
72*	3.6	59	3.0	48	2.2	NEW YORK(MANHATTAN) NY	-17	-27	-40	13	82
2	4.1	1	1.9	1	2.5	NIAGARA NY	-54	32	-39	13	84
				1	4.4	ONEIDA NY					91
1	2.6	2	3.0	5	5.2	ONONDAGA NY	16	75	104	74	93
		1	2.1			ORANGE NY					
10	2.5	20	2.0	40	2.4	QUEENS NY	-17	18	-2	35	83
		2*	18.1			RENSSELAER NY					
1	2.6	1	1.0	2	1.3	RICHMOND NY	-62	27	-52	07	79
		1*	18.8			SARATOGA NY					
3	2.3	5	2.6	6	1.7	SUFFOLK NY	14	-37	-28	21	80
				2*	8.7	SULLIVAN NY					96
		1	6.0			ULSTER NY					
				1	7.4	WAYNE NY					95
4	1.8	14*	4.5	15	3.1	WESTCHESTER NY	157	-31	76	69	86
93	1.9	82	1.7	124	2.4	NORTH CAROLINA NC	-10	42	28		
2	3.9			2	2.4	ALAMANCE NC			-39	13	83

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NEPVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
2	2.3					ANSON	NC					
		1	2.4			BEAUFORT	NC					
		3	5.5	3	5.6	BERTIE	NC		3			93
2	4.7	1	2.0	1	2.0	BLADEN	NC	-57	-1	-57	05	82
2*	8.7			1	3.1	BRUNSWICK	NC			-64	04	86
		1	1.5	2	3.5	BUNCOMBE	NC		131			88
		1	3.4			BURKE	NC					
				1	2.1	CABARRUS	NC					82
				1	4.4	CARTERET	NC					91
		2	7.6	1	2.6	CASWELL	NC		-66			84
		2	6.8	1	3.0	CATAWBA	NC		-56			86
		3*	8.2			CHATHAM	NC					
				1	4.3	CHOWAN	NC					91
		1	1.9	2	3.5	CLEVELAND	NC		85			88
		1	1.6	1	1.2	COLUMBUS	NC		-25			79
1	1.3	1	1.6	2	3.2	CRAVEN	NC	26	99	150	82	87
4	3.5	2	.6	4	2.5	CUMBERLAND	NC	-83	323	-30	20	84
1	2.9	1	2.9	2	5.1	DAVIDSON	NC	-1	77	75	68	92
1*	14.6	1*	12.4			DAVIE	NC	-15				
1	1.8			1	2.2	DUPLIN	NC			22	50	82
9*	6.8	6	4.0	2	1.1	DURHAM	NC	-41	-72	-83	01	79
1	.8	1	1.0	4	3.6	EDGECOMBE	NC	20	254	326	94	88
4	2.1	4	2.1	4	1.7	FORSYTH	NC	0	-18	-19	26	80
1	1.2	1	1.3	2	2.3	GASTON	NC	12	72	93	71	83
		2	3.1	3	4.9	GRANVILLE	NC		59			92
		1	3.3			GREENE	NC					
5	2.5	3	1.3	7	2.6	GUILFORD	NC	-48	100	4	37	84
4	2.2			1	1.0	HALIFAX	NC			-55	07	79
		1	1.1			HARNETT	NC					
		3*	31.6			HENDERSON	NC					
1	2.3					HERTFORD	NC					
				2*	22.6	HYDE	NC					98
		2	4.1			IREDELL	NC					
1*	24.8	1*	14.5	1	11.2	JACKSON	NC	-41	-23	-55	07	97
		2	3.9			JOHNSTON	NC					
1	3.4	2*	8.4	1	5.6	JONES	NC	147	-33	65	66	93
1	.6	1	.7	3	3.0	LENOIR	NC	9	339	377	95	86
				2*	26.2	LINCOLN	NC					99
				1*	19.9	MC DOWELL	NC					98
1	1.0			1	2.1	MARTIN	NC			118	77	82
4	1.6	6	2.3	3	.8	MECKLENBURG	NC	49	-65	-49	09	78
1	2.0	1	1.7	1	2.5	MOORE	NC	-12	43	26	52	84
3	2.8			2	2.4	NASH	NC			-14	29	83
		2	2.1	3	3.6	NEW HANOVER	NC		75			88
1	.8					NORTHAMPTON	NC					
				2	4.4	ONSLOW	NC					91
3*	4.4	1	2.0	1	2.3	ORANGE	NC	-55	14	-48	09	83
2	6.8	1	2.7			PASQUOTANK	NC	-60				
3*	8.5	1	3.4	3*	7.2	PENDER	NC	-60	110	-15	28	95
		1	5.2			PERSON	NC					
5	3.4	2	1.4	3	2.5	PITT	NC	-59	75	-28	21	84
1*	9.8					POLK	NC					
				3*	11.7	RANDOLPH	NC					97
1	2.2			1	2.9	RICHMOND	NC			33	55	85
3	1.9	3	1.9	4	2.2	ROBESON	NC	1	15	16	44	82
1	1.4	1	1.1	5*	6.6	ROCKINGHAM	NC	-19	502	389	95	94
		1	1.8	1	1.5	ROWAN	NC		-15			80
1	5.3			1	3.3	RUTHERFORD	NC			-37	14	87
2	1.8			2	2.5	SAMPSON	NC			38	58	84
				3*	7.8	SCOTLAND	NC					95
2*	10.7					STANLY	NC					
1*	11.3			1*	12.5	SWAIN	NC			10	41	97
				2*	47.2	TRANSYLVANIA	NC					99
				1	2.4	UNION	NC					83
2	3.4	2	3.5	3	6.0	VANCE	NC	1	73	74	68	94
3	1.9	6	2.5	10	3.8	WAKE	NC	35	50	103	73	89
1	2.3			1	3.0	WARREN	NC			32	55	86
1	4.2	1	3.9	1	5.1	WASHINGTON	NC	-6	29	21	49	92
2	1.0			4	3.2	WAYNE	NC			201	87	87
2*	15.2	1	8.0	1	7.7	WILKES	NC	-48	-3	-49	08	95
3	3.0	1	.6	1	.9	WILSON	NC	-80	49	-70	03	79
				1*	18.9	YADKIN	NC					98
2	4.9					NORTH DAKOTA	ND					
1	1.9					ROLETTE	ND					
1*	133.9					WARD	ND					
88*	3.0	125*	3.3	137*	3.2	OHIO	OH	9	-3	6		
1	1.5	1	2.4			ALLEN	OH	63				
1*	20.9					ASHTABULA	OH					
				1*	20.6	ATHENS	OH					98
		1*	12.5	1*	14.0	BELMONT	OH		12			97
		3*	6.7	1	3.0	BUTLER	OH		-56			86
		1*	16.4			CHAMPAIGN	OH					
1	2.3	1	1.9	1	1.8	CLARK	OH	-19	-4	-22	24	81
2*	27.4					COLUMBIANA	OH					
37*	3.9	49*	4.0	44	3.0	CUYAHOGA	OH	3	-25	-23	23	86
		1*	28.8			DELAWARE	OH					
				1	4.1	ERIE	OH					90
7	2.9	13	3.3	13	3.1	FRANKLIN	OH	13	-6	6	38	86
1*	20.2					GALLIA	OH					
2*	8.5	1	3.8	2	7.1	GREENE	OH	-56	88	-17	26	95
11	2.7	19	3.2	20	3.0	HAMILTON	OH	21	-5	14	43	86
		1	3.0	1	3.7	JEFFERSON	OH		22			89
		1*	51.7			KNOX	OH					
2	4.9			6*	8.9	LORAIN	OH			81	69	96
3	1.7	10*	4.6	9	3.6	LUCAS	OH	172	-22	112	76	88
6	4.8	7	4.3	7	3.8	MAHONING	OH	-11	-11	-21	25	89

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
1*	44.6					MARION OH					
				1*	212.0	MEIGS OH					99
5	1.6	8	3.1	10	2.7	MONTGOMERY OH	90	-15	62	64	65
1	5.8					MUSKINGUM OH					
1*	7.3	1	4.7			PORTAGE OH	-35				
1	2.6	1	3.4	1	3.0	RICHLAND OH	30	-12	15	44	86
				1	4.8	ROSS OH					92
				1*	15.7	SCIOTO OH					98
1*	60.3					SHELBY OH					
2	2.4	1	.9	5	5.7	STARK OH	-63	540	134	80	93
1	.3	4	1.8	9	3.7	SUMMIT OH	427	108	997	99	89
		1	2.1	2	3.4	TRUMBULL OH		59			88
1*	28.9					TUSCARAWAS OH					
12	1.2	25	2.4	31	2.1	OKLAHOMA OK	93	-13	67		
				1*	22.8	BLAINE OK					98
				2*	8.3	CADDO OK					96
				1	3.1	CARTER OK					87
1	6.2					CHEROKEE OK					
1	4.1					CHOCTAW OK					
				5*	6.7	COMANCHE OK					94
				1*	122.7	COTTON OK					99
		1*	17.5			GARVIN OK					
1*	14.0					GRADY OK					
1*	9.1					JACKSON OK					
		1*	35.0	1*	14.9	KINGFISHER OK		-58			98
				1	4.9	LE FLORE OK					92
		1	4.7			LOGAN OK					
				1	12.1	MC INTOSH OK					97
1	1.5	4*	8.1	1	1.6	MUSKOGEE OK	439	-80	9	39	80
				1*	18.3	NOBLE OK					98
		1	13.4			OKFUSKEE OK					
4	2.2	9	4.0	7	1.8	OKLAHOMA OK	84	-56	-18	26	81
1	2.1	2	3.9			OKMULGEE OK	87				
				1	5.4	OSAGE OK					93
				1	7.8	POTTAWATOMIE OK					95
1	3.9					SEMINOLE OK					
1	.8	4	2.5	6	2.6	TULSA OK	207	5	221	89	84
		1	5.9			WAGONER OK					
		1*	14.4	1	7.6	WASHINGTON OK		-47			95
5	2.8	4	1.9	1	.1	OREGON OR	-31	-95	-97		
1*	19.7					LANE OR					
1*	9.7					MALHEUR OR					
1*	11.6					MARION OR					
2	2.3	3	2.2	1	.3	MULTNOMAH OR	-4	-88	-89	00	78
		1*	13.5			UMATILLA OR					
91*	2.4	105	2.6	97	2.1	PENNSYLVANIA PA	9	-19	-12		
15	2.2	14	2.0	15	2.1	ALLEGHENY PA	-8	2	-6	34	82
2	4.9			2	3.2	BEAVER PA			-34	16	87
		2*	7.0	1	1.9	BERKS PA		-72			81
				3	5.1	BUCKS PA					92
1	5.0					CAMBRIA PA					
4*	4.9			4	3.9	CHESTER PA			-20	25	90
5*	5.1	2	1.5	1	.9	DAUPHIN PA	-70	-43	-83	01	79
4	2.0	3	1.6	6	3.4	DELAWARE PA	-17	107	72	67	87
				1	3.8	FAYETTE PA					89
1*	7.8					FRANKLIN PA					
				2*	13.4	LEHIGH PA					97
1*	22.5					LUZERNE PA					
2*	10.4					MERCER PA					
		2	2.4			MONTGOMERY PA					
		1	7.4	1	9.9	NORTHAMPTON PA		35			96
				1*	188.7	NORTHUMBERLAND PA					99
52	2.2	80*	3.2	56	1.9	PHILADELPHIA PA	44	-40	-13	29	81
				1*	32.2	VENANGO PA					99
3*	5.8	1	1.7	2	3.7	WASHINGTON PA	-70	115	-36	15	89
1	3.1			1	2.8	WESTMORELAND PA			-12	30	85
		5	6.0	5	4.3	RHODE ISLAND RI		-28			
		3	5.2	5	5.5	PROVIDENCE RI		5			93
		2*	21.5			WASHINGTON RI					
48	1.3	62	1.9	81	2.5	SOUTH CAROLINA SC	50	30	95		
1	4.0					ABBEVILLE SC					
		2	1.6	4	4.2	AIKEN SC		161			90
				1	4.0	ALLENDALE SC					90
1	1.0			2	2.4	ANDERSON SC			141	81	63
1	2.4			2	4.9	BAMBERG SC			104	73	92
		1	1.9	1	1.3	BEAUFORT SC		-31			79
		1	.7	3	4.0	BERKELEY SC		467			90
5	1.2	7	2.5	6	2.0	CHARLESTON SC	102	-21	59	63	81
1	1.9	1	4.2			CHEROKEE SC	123				
		1	2.3	1	1.3	CHESTER SC		-42			79
		1	1.3	2	3.5	CHESTERFIELD SC		164			88
		1	1.1	2	3.3	COLLETON SC		203			87
1	.6			5*	6.5	DARLINGTON SC			1032	99	94
2	6.0			3	6.8	DILLON SC			13	42	94
		1	2.5	2	4.0	DORCHESTER SC		57			90
2	3.7					EDGEFIELD SC					
		1	.9	1	3.4	FAIRFIELD SC		265			88
2	.6	3	2.0	6	4.8	FLORENCE SC	227	137	675	97	92
1	3.4	2	3.6			GEORGETOWN SC	7				
2	1.5	6	3.9	5	3.0	GREENVILLE SC	165	-21	108	74	86

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NON-WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	2.5	1	1.9			GREENWOOD SC	-24				
1	2.5	1	3.3			HAMPTON SC	31				
1	.7	2	3.0	2	2.1	HORRY SC	327	-27	211	88	82
2	4.2	1	1.1	2	2.8	KERSHAW SC	-73	150	-33	17	85
2	4.7			3*	6.2	LANCASTER SC			32	55	94
2	2.5	1	1.8	2	3.8	LAURENS SC	-28	107	49	61	69
		2	4.6			LEE SC					
				2	3.8	LEXINGTON SC					89
		1	4.6	1	5.7	MC CORMICK SC		25			93
2	1.8			3	5.3	MARION SC			188	86	93
		4*	7.0			MARLBORO SC					
		1	2.6	1	3.1	NEWBERRY SC		19			86
1	4.7	1	5.2			OCONEE SC	11				
1	.5			1	.7	ORANGEBURG SC			37	57	78
3	.8	4	1.4	4	1.3	RICHLAND SC	63	-6	53	62	79
				2*	8.0	SALUDA SC					95
4	2.4	5	3.5	4	3.1	SPARTANBURG SC	43	-12	26	51	66
1	.7	3	2.8	2	1.7	SUMTER SC	305	-42	137	81	80
1	3.1	4*	11.7	2	6.7	UNION SC	280	-42	119	77	94
6*	4.4			1	1.6	WILLIAMSBURG SC			-63	04	60
1	.5	3	4.3	3	3.9	YORK SC	779	-9	700	98	90
2	1.4	3	2.0	2	1.3	SOUTH DAKOTA SD	44	-36	-8		
		1*	24.0			BENNETT SD					
				1*	49.7	MOODY SD					99
1*	8.1					ROBERTS SD					
		2*	6.4	1	4.2	SHANNON SD		-34			91
1*	9.1					TODD SD					
42	1.6	59	2.2	92*	3.3	TENNESSEE TN	35	49	101		
				2*	17.6	ANDERSON TN					98
				1	9.9	BEDFORD TN					96
		1	5.6	1	7.0	BLOUNT TN		25			95
1*	8.8	1*	11.5	1	10.4	BRADLEY TN	30	-9	18	46	96
				2*	12.2	CARROLL TN					97
		1*	32.8			CHEATHAM TN					
				1*	17.3	COFFEE TN					98
7	1.9	7	1.9	13	3.4	DAVIDSON TN	-2	79	75	68	88
				1*	33.5	DECATUR TN					99
				1*	18.8	DICKSON TN					98
1	1.4	1	1.0	2	3.8	FAYETTE TN	-28	268	166	83	89
		2	4.0			GIBSON TN					
				1*	18.4	GREENE TN					98
4	1.7	5	2.4	6	2.8	HAMILTON TN	41	16	63	65	85
1	2.9			4*	12.4	HARDEMAN TN			330	94	97
		1	2.1	2	3.1	HAYWOOD TN		47			86
		1*	14.4			HENDERSON TN					
		1*	49.1			HOUSTON TN					
1	.9	3	2.8	4	3.5	KNOX TN	206	26	285	93	88
		1*	11.2			LAKE TN					
				1	6.1	LINCOLN TN					94
				1*	16.4	MC NAIRY TN					98
6*	6.1			1	.9	MADISON TN			-85	00	79
				1*	28.8	MARION TN					99
				1	1.9	MAURY TN					81
1	1.4					MONTGOMERY TN					
1	5.7					OBION TN					
		1*	11.9			ROANE TN					
1	4.5			2*	9.9	ROBERTSON TN			121	78	96
		1	2.6	1	3.1	RUTHERFORD TN		19			87
15	1.6	30	3.0	35	3.1	SHELBY TN	80	4	87	70	86
1*	26.8					SMITH TN					
				1	4.5	SUMNER TN					91
		2	3.5	2	5.2	TIPTON TN		50			93
				1	7.9	WASHINGTON TN					95
				1*	5.3	WEAKLEY TN					93
				1	4.3	WILLIAMSON TN					91
2*	10.2			1	7.1	WILSON TN			-30	19	95
76	1.5	120	2.1	158	1.9	TEXAS TX	40	-10	25		
				2	3.5	ANDERSON TX					88
		1*	212.0			ANDREWS TX					
				1	2.6	ANGELINA TX					84
				1	5.8	AUSTIN TX					94
		1	3.8	2	8.5	BASTROP TX		127			96
		1*	36.4			BEE TX					
6	3.3	8	3.3	12	2.4	BEXAR TX	1	-29	-29	21	83
3	4.4	1	1.6	1	1.9	BOWIE TX	-64	18	-58	05	81
1	7.0					CALDWELL TX					
		1	5.1	1	14.4	CAMP TX		180			97
2	4.5	2	5.4	1	2.9	CHEROKEE TX	20	-47	-36	15	85
1	3.0					COLLIN TX					
		1	7.6			COLORADO TX					
10	2.3	19	2.4	17	1.6	DALLAS TX	3	-36	-34	16	80
		1	8.9			DE WITT TX					
				3*	5.2	ECTOR TX					93
1	2.2	2	4.8	1	2.1	ELLIS TX	112	-56	-8	32	82
		1	6.2	2	1.1	EL PASO TX		-82			79
				1	8.2	FANNIN TX					96
1	7.2					FAYETTE TX					
1	3.3	1	2.8			FORT BEND TX	-15				
				2*	17.9	FREESTONE TX					98
4	4.1	2	1.3	5	2.7	GALVESTON TX	-69	113	-33	17	85
				1	8.2	GONZALES TX					96
		1	3.8			GRAYSON TX					
		1	1.3	3	3.5	GREGG TX		160			88
		1	8.8			GRIMES TX					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	PATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
				1	3.8	GUADALUPE TX					89
		1	5.5			HARDIN TX					
16	1.6	25	1.9	41	2.3	HARRIS TX	17	22	42	58	83
1	1.1	4	4.5	1	1.4	HARRISON TX	316	-68	32	54	79
				1	7.5	HAYS TX					95
				1	3.7	HENDERSON TX					89
		1	3.1			HOUSTON TX					
				1*	10.0	JACKSON TX					96
				1	4.1	JASPER TX					90
5	2.3	11*	4.5	9	2.9	JEFFERSON TX	90	-35	24	50	86
1*	27.3	1*	22.8			KERR TX	-16				
				3*	11.4	LAMAR TX					97
1*	63.9					LAMPASAS TX					
		4*	13.8	1	2.5	LIBERTY TX		-82			84
2	4.7			1	.6	LUBBOCK TX			-87	00	78
1	.6	1	1.1			MC LENNAN TX	83				
		1	3.3	1	3.1	MARION TX		-4			87
1	4.4					MATAGORDA TX					
		1	3.5			MIDLAND TX					
1	6.0	1	7.4	1	6.9	MILAM TX	23	-6	16	44	95
				1	3.7	MONTGOMERY TX					89
1	3.4	1	3.0			NACOGDOCHES TX	-11				
2	4.2	2	6.3	1	5.5	NAVARRO TX	50	-13	30	53	93
		1*	29.5			NOLAN TX					
		1	1.9	4	4.0	NUECES TX		114			90
		3*	8.7	1	3.2	ORANGE TX		-63			87
				2*	12.7	POLK TX					97
1	1.4			1	3.3	POTTER TX			132	80	87
				1	6.7	RED RIVER TX					94
1	2.4	2	3.7	1	3.5	RUSK TX	53	-5	45	60	88
1*	11.5					SABINE TX					
		1	6.0			SAN AUGUSTINE TX					
1	8.6			1	5.6	SAN JACINTO TX			-35	16	93
				2*	6.9	SHELBY TX					95
1	.9	3	3.2	4	3.6	SMITH TX	274	11	317	93	88
3	1.0	7	2.4	13	3.1	TARRANT TX	130	30	199	87	86
2*	15.7					TITUS TX					
				1	2.7	TOM GREEN TX					85
1	1.0	2	1.9	3	1.8	TRAVIS TX	95	-3	89	70	81
1	7.7					VICTORIA TX					
1	2.3			2	4.6	WALKER TX			100	72	91
		1	3.8	1	2.3	WHARTON TX		-38			83
1	4.9					WILLIAMSON TX					
2	2.8			1	.2	UTAH UT			-94		
				1*	10.3	BOX ELDER UT					96
1*	8.7					SAN JUAN UT					
1*	19.2					UINTAH UT					
66	1.8	86	2.1	120	2.9	VIRGINIA VA	21	35	64		
2	4.3	2	5.5	4*	8.2	ACCOMACK VA	29	48	91	70	96
1	2.4	2	4.1	2	3.7	ALBEMARLE#VA	68	-10	51	61	89
1	6.8					ALLEGHANY#VA					
1	4.3			1	4.5	AMELIA VA			5	38	91
		2*	9.3			AMHERST VA					
		1	9.1			APPOMATTOX VA					
1	4.3	2	4.4			ARLINGTON#VA	1				
				2	5.8	AUGUSTA#VA					94
1	.9	2	1.8	7*	6.2	BEDFORD#VA	96	242	570	96	94
				1*	10.6	BOTETOURT VA					96
		3*	6.4	2	5.4	BRUNSWICK VA		-15			93
1	4.6					BUCKINGHAM VA					
		1*	24.8			CAMPBELL#VA					
		1	4.4			CHARLES CITY VA					
1	5.8	1	4.2	2*	9.0	CHARLOTTE VA	-27	113	56	62	96
8	1.9	11	2.0	24*	5.0	CHESTERFIELD#VA	8	146	166	84	92
				1*	12.7	CLARKE VA					97
1	5.1			1	3.9	CUMBERLAND VA			-23	23	89
2	.9	3	1.6	4	1.8	DINWIDDIE#VA	76	16	105	74	81
				1	7.8	ESSEX VA					95
		3	4.6	5	1.5	FAIRFAX#VA		-68			80
				1	7.3	FLUVANNA VA					95
				3*	19.3	FRANKLIN VA					98
1	6.9					GLOUCESTER VA					
		1*	29.8			GREENE VA					
1	2.8			1	3.6	GREENSVILLE#VA			28	52	88
2	3.3	2	2.4	1	2.1	HALIFAX#VA	-28	-15	-38	14	62
1	3.3					HANOVER VA					
				1	2.4	HENRICO VA					83
				2	3.1	HENRY#VA					86
2	3.8	2	2.7			JAMES CITY#VA	-30				
				1	8.4	KING AND QUEEN VA					96
1	1.3			1	1.7	MECKLENBURG VA			31	54	81
		1	10.9			MIDDLESEX VA					
1*	8.4			1	7.0	MONTGOMERY#VA			-16	27	95
		1	8.7			NELSON VA					
1	2.4	1	2.4	2	5.4	NORTHAMPTON VA	1	123	124	78	93
		1	4.6	1	5.0	NORTHUMBERLAND VA		8			92
1	3.2	1	3.9	1	3.7	NOTTOWAY VA	21	-4	17	45	89
1	8.3					ORANGE VA					
		1*	23.8	1*	12.3	PATRICK VA		-48			97
1	.6	5	3.6	5	4.0	PITTSYLVANIA#VA	498	12	567	96	90
1	4.0			1	3.0	PRINCE EDWARD VA			-26	22	86
1*	7.9					PULASKI VA					
				1*	14.1	RAPPAHANNOCK VA					97
2	1.7	3	3.0	1	.9	ROANOKE#VA	81	-69	-44	11	79
1	.8	3	4.0	3	4.8	SOUTHAMPTON#VA	432	20	538	96	92
		1	4.1	1	2.9	SPOTSYLVANIA#VA		-30			85

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NON-WHITE MALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
		1*	6.9			STAFFORD VA					
		3*	7.7	1	3.0	SUSSEX VA		-62			86
1*	9.1					TAZEWELL VA					
1*	8.5					WISE#VA					
19	2.9	16	1.9	20	2.3	CHESAPEAKE CITY#VA	-35	20	-22	24	83
		4	3.1	5	4.1	HAMPTON CITY VA		32			90
4	1.9	1	.4	5	3.0	NEWPORT NEWS CITY VA	-76	560	59	63	86
3	2.2	4	3.5	3	2.9	SUFFOLK CITY VA	55	-16	31	54	86
5	1.3	8	1.3	16	1.9	WASHINGTON WA	-2	45	42		
		1*	12.9			GRAYS HARBOR WA					
4	1.9	5	1.6	10	2.3	KING WA	-13	44	25	51	83
				1*	26.8	LEWIS WA					99
1	3.9			2	1.6	PIERCE WA			-60	04	80
		1*	26.0			SKAGIT WA					
				2	4.6	SPOKANE WA					91
		1*	8.8			WALLA WALLA WA					
				1	1.2	YAKIMA WA					79
8	1.4	11	2.8	10	2.9	WEST VIRGINIA WV	97	4	106		
1	3.9					CABELL WV					
		2	5.5			FAYETTE WV					
		1*	115.1			GRANT WV					
				1*	24.8	HANCOCK WV					99
1	1.3	3	3.8	2	3.2	KANAWHA WV	204	-16	137	83	87
1	4.0			1	3.8	LOGAN WV			-5	34	89
2	1.9	3	5.5	4*	7.3	MC DOWELL WV	190	32	284	93	95
1*	19.5					MASON WV					
		2	6.0			MERCER WV					
1	1.6			2	3.4	RALEIGH WV			119	77	88
1*	8.1					WYOMING WV					
11*	2.9	15	3.4	26*	4.7	WISCONSIN WI	17	39	62		
		1*	11.5			BROWN WI					
				1	.8	DANE WI					78
				1*	267.9	EAU CLAIRE WI					99
				1*	22.3	JEFFERSON WI					98
		2*	20.5			KENOSHA WI					
2*	19.4					MENOMINEE#WI					
9*	3.4	12	4.2	20*	5.6	MILWAUKEE WI	25	33	66	66	93
				3*	8.0	RACINE WI					95
				1	1.3	WYOMING WY					
				1	3.2	FREMONT WY					87

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NON-WHITE FEMALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
1110	1.2	1675	1.5	2340	1.6	UNITED STATES	24	8	33		
43	.8	47	.9	85	1.8	ALABAMA AL	14	88	116		
		1	1.9			AUTAUGA AL					
1	3.7					BALDWIN AL					
		2	2.3	1	2.0	BARBOUR AL		-11			87
		2	4.3			BULLOCK AL					
1	2.1	1	1.4	2	4.5	BUTLER AL	-33	226	120	82	94
1	.9	2	2.5	1	1.1	CALHOUN AL	161	-55	16	50	82
		1	1.7			CHAMBERS AL					
		1	1.4	2	2.6	CLARKE AL		91			90
				1*	13.7	CLAY AL					98
		1	4.2			COFFEE AL					
1	2.6					COLBERT AL					
				1	5.1	CONECUH AL					94
1*	7.4					COOSA AL					
				1	3.5	COVINGTON AL					92
2	1.2			1	.6	DALLAS AL			-53	12	80
		2	4.1	2	3.4	ELMORE AL		-17			92
2	2.9					ESCAMBIA AL					
		2	2.7			ETOWAH AL					
				1*	8.5	FAYETTE AL					97
				2	5.4	GREENE AL					95
1	2.0					HENRY AL					
1	1.4			1	1.4	HOUSTON AL			-2	39	83
12	1.0	13	1.1	26	2.2	JEFFERSON AL	16	98	129	83	88
		1	2.9	2	4.7	LAUDERDALE AL		64			94
				1	3.4	LAWRENCE AL					92
2	1.8	1	.9	1	1.0	LEE AL	-47	10	-41	17	82
1	1.0	1	2.1			LOWNDES AL	106				
		1	1.1	1	.7	MACON AL		-34			81
				1	1.0	MADISON AL					81
		1	1.0			MARENGO AL					
5	1.0	6	1.2	19*	3.4	MOBILE AL	23	183	249	92	92
4	1.1	3	.7	5	1.4	MONTGOMERY AL	-33	89	27	56	83
1	2.4					MORGAN AL					
		1	1.7	2	3.7	PIKE AL		118			92
		2	1.8	1	1.1	RUSSELL AL		-40			82
				1	5.8	ST CLAIR AL					95
		1	3.3	4*	14.5	SHELBY AL		346			98
1	.5			2	2.1	TALLADEGA AL			283	95	87
2*	4.0	1	2.0			TALLAPOOSA AL	-48				
3	2.6			1	.6	TUSCALOOSA AL			-77	02	80
				1	3.3	WALKER AL					91
1	1.0			1	2.1	WILCOX AL			108	80	87
		1	.4	3	.7	ALASKA AK		67			
5	1.1	6	1.2	7	.4	ARIZONA AZ	8	-67	-64		
1	2.6	1	.6	2	.8	APACHE AZ	-77	37	-69	07	81
1	1.0					COCONINO AZ					
				1	2.9	GILA AZ					91
3	2.0	4	2.3	3	.5	MARICOPA AZ	12	-78	-76	03	80
				1	.5	PIMA AZ					80
		1	4.7			PINAL AZ					
21	1.0	19	1.0	20	1.1	ARKANSAS AR	6	8	14		
1	2.5					ARKANSAS AR					
				1*	6.4	CALHOUN AR					96
4*	8.5					COLUMBIA AR					
1*	5.1			2*	16.1	CONWAY AR			217	91	98
2	1.6	4	2.7	2	2.0	CRITTENDEN AR	61	-24	22	54	87
		1	4.0			DALLAS AR					
1	1.0			1	3.9	DESHA AR			281	94	93
1*	4.3					HOT SPRING AR					
		1	8.6			JACKSON AR					
		2	1.2	2	1.1	JEFFERSON AR		-11			82
		1	3.8			LAFAYETTE AR					
				1	4.2	LITTLE RIVER AR					93
1	4.0					LONOKE AR					
1	.5	2	2.2	1	1.5	MISSISSIPPI AR	350	-32	204	90	84
1	1.2			1	2.9	MONROE AR			134	85	90
1	4.3					NEVADA AR					
				1	1.9	OUACHITA AR					86
		1	1.4	1	1.0	PHILLIPS AR		-29			81
5	1.9	4	1.4	6	1.6	PULASKI AR	-24	16	-12	33	84
2	2.3	2	2.1			ST FRANCIS AR	-11				
		1	1.7	1	1.6	UNION AR		0			84
60	1.4	109	1.4	187	1.4	CALIFORNIA CA	4	-4	-1		
5	.8	10	1.1	21	1.9	ALAMEDA CA	49	68	149	88	86
1	.5			9	2.4	CONTRA COSTA CA			386	97	89
		1	1.3	4	1.1	FRESNO CA		-13			82
1	2.0					IMPERIAL CA					
				1*	11.4	INYO CA					98
1	1.8	4*	3.7	4	1.8	KERN CA	104	-52	-1	40	85
				1*	12.9	LASSEN CA					98
32	1.7	55	1.6	93	1.4	LOS ANGELES CA	-7	-8	-15	32	83
				1	2.4	MARIN CA					89
1	2.6			1	1.5	MERCED CA			-43	16	83
2*	4.5	3	4.1	3	1.8	MONTEREY CA	-8	-57	-61	10	85
				2	.9	ORANGE CA					81
				1	6.3	PLACER CA					96

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE RATES 1970S
				2	1.0	RIVERSIDE CA					81
1	1.2	3	1.3	7	1.8	SACRAMENTO CA	4	41	47	66	86
1	1.4	3	1.6	3	.8	SAN BERNARDINO CA	21	-48	-37	18	81
2	.7	5	1.1	8	1.5	SAN DIEGO CA	50	34	101	79	63
6	1.3	16	1.8	16	1.4	SAN FRANCISCO CA	39	-20	11	46	83
3*	3.0	2	1.6			SAN JOAQUIN CA	-46				
1	2.0	2	1.8	1	.3	SAN MATEO CA	-12	-81	-84	01	80
2	1.8	3	1.4	2	.5	SANTA CLARA CA	-20	-64	-71	05	80
		1*	4.1			SANTA CRUZ CA					
		1*	14.8			SISKIYOU CA					
				1	.5	SOLANO CA					80
				2	1.9	SONOMA CA					86
				1	4.0	STANISLAUS CA					93
				1*	42.4	TEHAMA CA					99
1*	6.1			1	5.0	VENTURA CA			-18	30	94
				1	1.0	YOLO CA					81
3	1.5	4	1.5	4	.4	COLORADO CO	-1	-74	-74		
				1	2.7	ADAMS CO					90
		1*	596.2			DELTA CO					
2	1.3	3	1.6	2	.4	DENVER-ARAPAHOE#CO	25	-76	-71	05	80
1*	8.7					EL PASO CO					
				1*	6.9	MESA CO					96
8	1.7	11	1.8	21	2.1	CONNECTICUT CT	5	15	22		
1	.7	3	1.9	4	1.1	FAIRFIELD CT	195	-40	76	74	82
1	.6	2	.8	7	2.6	HARTFORD CT	33	207	307	96	89
				1*	11.7	LITCHFIELD CT					98
				1	3.5	MIDDLESEX CT					92
6*	4.1	5	2.3	6	2.0	NEW HAVEN CT	-44	-13	-51	14	87
		1	5.9	1	1.4	NEW LONDON CT		-77			83
				1*	14.9	WINDHAM CT					98
4	1.8	2	.8	8	1.9	DELAWARE DE	-58	148	4		
1	2.7			2	2.5	KENT DE			-7	37	89
2	1.6	1	.5	4	1.7	NEW CASTLE DE	-66	221	9	44	85
1	1.9	1	2.0	2	1.9	SUSSEX DE	2	-4	-2	39	86
19	1.0	43	1.8	52	2.0	DIST. OF COLUMBIA DC	82	14	107		
19	1.0	43	1.8	52	2.0	WASHINGTON DC	82	14	107	79	87
33	.9	68	1.5	123*	2.0	FLORIDA FL	66	41	134		
		2	1.9	3	2.4	ALACHUA FL		23			89
1	1.4			1	1.7	BAY FL			22	52	85
		1	.8	4	4.2	BREVARD FL		442			93
		3	.8	13*	2.8	BROWARD FL		270			90
				1	2.8	COLUMBIA FL					90
6	1.5	18	2.7	19	1.7	DADE FL	78	-34	17	50	85
		1*	9.2			DE SOTO FL					
1*	16.9					DIXIE FL					
3	.6	10	1.5	19*	2.8	DUVAL FL	171	86	405	98	90
1	.9			1	.5	ESCAMBIA FL			-45	16	80
				1	.6	GADSDEN FL					80
				1*	10.2	GULF FL					97
1*	5.2			1	6.4	HAMILTON FL			22	53	96
				1	3.7	HENDRY FL					92
1	.4	5	1.7	5	1.3	HILLSBOROUGH FL	311	-25	209	90	83
1*	27.3					HOLMES FL					
		1	2.3	1	2.2	INDIAN RIVER FL		-4			88
				1	1.3	JACKSON FL					83
		2	2.8	1	1.2	LAKE FL		-55			83
1	3.3	2	4.2			LEE FL	29				
		2	1.7	4	2.5	LEON FL		52			89
1*	3.9	1*	6.5	1	7.4	LEVY FL	66	14	89	77	96
		1	3.1	1	3.0	MADISON FL		-4			91
				1	1.8	MANATEE FL					86
2	2.9	3	3.3	2	2.0	MARION FL	14	-39	-30	22	67
				1	2.8	MARTIN FL					90
1*	8.3			1	4.0	MONROE FL			-51	15	93
				1	4.6	NASSAU FL					94
		2	1.1	6	2.1	ORANGE FL		96			87
3	.9	4	1.7	7	2.0	PALM BEACH FL	98	19	134	85	87
3	1.9	3	1.7	6	2.4	PINELLAS FL	-9	44	31	59	89
2	1.2			3	1.3	POLK FL			10	45	83
		1	1.8			PUTNAM FL					
1	2.2			1	3.3	ST JOHNS FL			47	66	92
		2*	4.2	2	4.3	SARASOTA FL		3			94
		2	3.4	4*	4.0	SEMINOLE FL		18			93
				1	5.2	SUWANNEE FL					95
1*	5.5			1	7.4	TAYLOR FL			34	61	96
3	2.7	1	1.0	6*	4.5	VOLUSIA FL	-64	366	67	72	94
		1*	8.9	1*	8.6	WALTON FL		-4			97
67	1.1	73	1.2	98	1.5	GEORGIA GA	10	26	38		
		1*	4.4			APPLING GA					
		1	1.5			BALDWIN GA					
		1	4.6			BEN HILL GA					
5	1.9	2	.8	3	1.2	BIBB GA	-61	62	-37	19	82
		1*	6.5	1*	6.9	BRYAN GA		5			96
1	1.6	1	1.1	1	1.9	BURKE GA	-30	73	20	52	86
				1	5.3	BUTTS GA					95
1	5.1	1	6.4			CALHOUN GA	25				
1	2.1			1	3.0	CARROLL GA			45	65	91
2	.5	5	1.4	7	1.8	CHATHAM GA	190	23	256	94	85

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
1*	7.9					CHATTOOGA GA					
		2	2.8	1	.9	CLARKE GA		-69			81
1	3.3			4*	7.2	COBB GA			118	82	96
		2*	5.1			COLQUITT GA					
1	2.0			2	3.7	COWETA GA			80	74	92
1	.9	4	2.0	8	1.8	DE KALB GA	121	-12	94	77	85
1	2.0	1	2.4			DOOLY GA	17				
1	.5	1	.6	3	1.9	DOUGHERTY GA	11	243	281	94	86
				1	2.9	EARLY GA					90
1*	7.6			1	5.4	EFFINGHAM GA			-30	22	95
1	1.6	1	1.8			FLOYD GA	10				
11	1.1	13	1.2	23	1.9	FULTON GA	4	62	69	73	86
1*	20.0					GLASCOCK GA					
				1	1.7	GLYNN GA					85
		1	2.3			GRADY GA					
2*	5.7	1	2.3	1	4.1	GREENE GA	-59	74	-28	24	93
1*	20.6			1*	24.1	HABERSHAM GA			17	51	99
				1	2.6	HALL GA					89
		1	3.6			HARRIS GA					
		1	3.9			HART GA					
1*	19.4					HEARD GA					
				1	3.7	HENRY GA					92
		1	3.1			HOUSTON GA					
3*	14.8	1*	8.9			JASPER GA	-40				
		1	2.4	1	1.7	JEFFERSON GA		-30			85
		1	6.8			LAMAR GA					
		1	2.1			LAURENS GA					
		2*	6.2			LIBERTY GA					
1*	4.1			1*	9.8	LINCOLN GA			141	87	97
1	1.5	1	1.4	1	1.4	LOWNDES GA	-3	-5	-8	35	83
		1	2.4			MC DUFFIE GA					
1	1.5					MACON GA					
				1	2.3	MERIWETHER GA					88
1	1.5					MITCHELL GA					
1	4.1			1	3.2	MONROE GA			-22	27	91
1*	4.2					MONTGOMERY GA					
		1	5.3			MORGAN GA					
7*	3.5	5	1.9	6	2.3	MUSCOGEE#GA	-45	23	-33	20	89
1	2.9			2	5.8	NEWTON GA			98	78	95
		1	1.8	1	2.9	PEACH GA		58			91
		2*	9.5			POLK GA					
1	3.5	1	4.2	1	4.1	PUTNAM GA	19	-3	16	49	93
5	2.1	3	1.3	3	1.2	RICHMOND GA	-38	-7	-43	17	82
				1*	4.4	ROCKDALE GA					94
		1	2.0			SPALDING GA					
1*	8.5	1*	9.4			STEPHENS GA	10				
				1	5.6	STEWART GA					95
				1	1.9	SUMTER GA					86
1	2.3					TALBOT GA					
1*	5.0					TALIAFERRO GA					
		1	7.4			TATTNALL GA					
2*	8.6					TAYLOR GA					
				1	4.4	TELFAIR GA					94
				2*	6.3	TERRELL GA					96
2	3.4			2	2.6	THOMAS GA			-24	26	89
1	1.8					TIFT GA					
		1	3.2	2*	8.5	TOOMBS GA		169			97
				1*	12.1	TREUTLEN GA					98
		1	1.4	3	4.1	TROUP GA		190			93
				1	6.2	TWIGGS GA					95
				1	3.3	UPSON GA					92
		1	4.1	1	3.3	WALTON GA		-19			92
1	2.3	1	2.0			WARE GA	-13				
		1	5.6			WARREN GA					
				1	1.5	WASHINGTON GA					84
		1	5.4			WAYNE GA					
1*	13.6	1*	11.2			WHITFIELD GA	-18				
		27	1.3	41	1.7	HAWAII HI		29			
		1	.6	6	2.4	HAWAII HI		328			89
		22	1.4	32	1.8	HONOLULU HI		26			85
		4*	4.7	3	2.3	KAUAI HI		-51			89
1	2.8					IDAHO ID					
1*	14.4					BINGHAM ID					
71*	1.7	119*	2.1	165*	2.1	ILLINOIS IL	19	1	20		
				1	5.7	ALEXANDER IL					95
				1	3.0	CHAMPAIGN IL					91
62*	1.9	107*	2.3	137*	2.1	COOK IL	20	-8	11	46	87
				2	2.4	DU PAGE IL					89
		1*	98.2			FULTON IL					
1*	7.6			1	2.9	KANE IL			-62	09	91
		1	2.8	3*	5.3	KANKAKEE IL		86			95
		1*	9.4			KNOX IL					
1	2.9	1	1.1	1	.3	LAKE IL	-61	-73	-89	01	80
				1	1.1	MACON IL					82
1	1.9			3	4.3	MADISON IL			130	84	94
		1	2.9	4*	6.7	PEORIA IL		129			96
				1	4.5	PULASKI IL					94
3	1.0	2	.9	8	2.4	ST CLAIR IL	-16	178	134	84	89
1*	13.7					SALINE IL					
				1	1.9	SANGAMON IL					86
		1	4.7			VERMILION IL					
1*	94.7					WARREN IL					
1	1.1	2	3.8	1	.5	WILL IL	229	-86	-55	11	80
		2	2.8			WINNEBAGO IL					

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NON-WHITE FEMALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
17	1.6	20	1.3	35	1.8	INDIANA IN	-24	45	10		
2*	5.5			1	.6	ALLEN IN			-89	00	80
				1	4.0	CLARK IN					93
		1	3.2	1	3.3	DELAWARE IN		5			92
		1*	2.6			ELKHART IN					
		1*	10.3			FLOYD IN					
		1*	469.2			HARRISON IN					
		1*	7.1			HOWARD IN					
				1*	78.1	KOSCIUSKO IN					99
5	1.4	5	1.0	11	1.9	LAKE IN	-29	84	32	59	86
		1	3.7			LA PORTE IN					
8	2.2	7	1.1	13	1.8	MARION IN	-50	58	-20	29	85
				1*	17.1	MONROE IN					98
				1*	39.7	PUTNAM IN					99
		1	1.1	4	3.9	ST JOSEPH IN		267			93
				1*	40.9	SHELBY IN					99
1	2.3					VANDERBURGH IN					
1	4.0	1	3.1			VIGO IN	-23				
		2	1.1	4	2.0	IOWA IA		83			
		1*	140.3			APPANOOSE IA					
				1*	70.7	DUBUQUE IA					99
				3	4.4	POLK IA					94
		1*	6.8			SCOTT IA					
8	1.9	6	1.1	19*	2.8	KANSAS KS	-40	151	51		
				2*	28.8	ATCHISON KS					99
		1*	5.2			GEARY KS					
		1	4.7			MONTGOMERY KS					
				1*	10.6	RILEY KS					97
1*	424.0					ROCKS KS					
1*	11.3			1*	8.9	SALINE KS			-21	28	97
2	3.2	1	.5	7*	4.6	SEDGWICK KS	-84	830	45	65	94
				3	3.9	SHAWNEE KS					92
4	2.5	3	1.6	5	2.3	WYANDOTTE KS	-36	45	-7	36	89
17	1.6	14	1.2	33*	2.6	KENTUCKY KY	-25	116	61		
				1*	31.3	BALLARD KY					99
1*	6.9	1*	7.7			BOURBON KY	11				
				1*	30.7	BOYD KY					99
		1	1.5	4*	6.4	CHRISTIAN KY		337			96
1*	5.8			1	4.9	DAVIESS KY			-15	31	94
1	.9	1	.8	3	2.3	FAYETTE KY	-11	174	145	88	88
1*	31.7					FLOYD KY					
1*	10.9					FRANKLIN KY					
				1	2.1	HARDIN KY					87
				1*	14.2	HART KY					98
1*	37.5					HICKMAN KY					
7	1.7	7	1.5	14	2.6	JEFFERSON KY	-10	72	55	68	90
1*	16.6			1*	15.5	JESSAMINE KY			-7	36	98
				1	3.4	KENTON KY					92
				1*	38.5	LETCHER KY					99
		1*	6.5	1*	8.6	LOGAN KY		32			97
				1	2.8	MC CRACKEN KY					90
1*	4.9					MADISON KY					
1*	23.7					MERCER KY					
1*	22.1					PERRY KY					
				1*	39.7	PULASKI KY					99
		1*	7.6			SHELBY KY					
		1*	28.1			TAYLOR KY					
		1*	15.6			UNION KY					
				1	3.8	WARREN KY					92
37	.7	79	1.6	102	1.8	LOUISIANA LA	110	12	134		
				1	1.8	ACADIA LA					85
				1	1.5	ASCENSION LA					84
		1	3.4			ASSUMPTION LA					
2*	3.7					AVOYELLES LA					
		1	5.0	2*	9.3	BEAUREGARD LA		86			97
				1	2.2	BIENVILLE LA					87
		1	1.7	1	1.1	BOSSIER LA		-33			82
8	2.0	5	1.3	6	1.2	CADDO LA	-36	-7	-40	18	82
		5*	4.0	3	1.8	CALCASIEU LA		-56			85
1*	8.0					CALDWELL LA					
		1	5.2			CATAHOULA LA					
		1	1.6			DE SOTO LA					
3	.7	9	2.6	8	1.9	EAST BATON ROUGE LA	267	-28	165	89	86
		1	1.8			EAST FELICIANA LA					
		2*	5.9	1	3.1	EVANGELINE LA		-48			91
		1	1.5	3	3.1	IBERIA LA		102			91
1	1.6	1	1.1			IBERVILLE LA	-30				
		1	4.7			JACKSON LA					
		4	1.7	4	1.8	JEFFERSON LA		7			85
		2*	7.2			JEFFERSON DAVIS LA					
1	1.0	1	.9	1	.8	LAFAYETTE LA	-11	-18	-27	25	81
		1	2.7	2*	5.7	LAFOURCHE LA		107			95
		3*	5.1	1	1.9	LINCOLN LA		-63			86
		1	9.2			LIVINGSTON LA					
		1	2.3			MADISON LA					
		1	1.9	2	2.4	MOREHOUSE LA		28			89
				1	.9	NATCHITOCHES LA					81
10	.9	18	1.4	32	2.2	ORLEANS LA	56	56	144	37	88
2	1.2			4	2.2	OUACHITA LA			89	76	88
				1	5.7	PLAQUEMINES LA					95

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		1	2.5	1	2.5	POINTE COUPEE LA		3			89
1	.7	3	1.5	2	1.0	RAPIDES LA	101	-30	40	62	82
				2*	8.1	RED RIVER LA					97
2	3.7			1	1.8	RICHLAND LA			-53	12	85
		2*	13.3	1	5.3	SABINE LA		-60			95
				1	3.6	ST HELENA LA					92
2	.6	3	1.9	5	3.6	ST LANDRY LA	203	92	481	98	92
		1	1.3	1	1.1	ST MARTIN LA		-10			82
		1	1.7	1	1.5	ST MARY LA		-8			84
2*	3.3			3*	5.5	ST TAMMANY LA			67	72	95
				2	1.8	TANGIPAHOA LA					85
		1	2.6			TENSAS LA					
				1	1.9	TERREBONNE LA					86
				1	3.0	UNION LA					91
				2*	6.2	VERMILION LA					96
		1	1.3			WASHINGTON LA					
1	2.0	2	3.2	1	1.5	WEBSTER LA	57	-52	-25	25	84
		1	3.5	2*	4.0	WEST BATON ROUGE LA		14			93
1	4.7	1	3.2			WINN LA	-31				
1*	10.5			2	4.4	MAINE ME			-58		
				1*	21.8	ANDROSCOGGIN ME					99
				1*	16.4	CUMBERLAND ME					98
1*	198.7					KENNEBEC ME					
23	1.0	29	1.0	70	1.8	MARYLAND MD	4	71	78		
1	.9	2	1.7	2	1.1	ANNE ARUNDEL MD	80	-35	17	51	82
2	2.1			6*	3.5	BALTIMORE MD			68	73	92
		1	5.0	1	4.2	CAROLINE MD		-16			93
				1*	5.1	CARROLL MD					94
				1*	6.5	CECIL MD					96
				1	2.0	CHARLES MD					86
				1	2.2	DORCHESTER MD					88
		1	4.0	1	2.3	FREDERICK MD		-42			88
		1	1.9			HARFORD MD					
		1	6.6			KENT MD					
				6	2.9	MONTGOMERY MD					90
		1	.5	11	1.5	PRINCE GEORGE'S MD		224			84
1	1.8			2	4.0	ST MARY'S MD			127	83	93
1*	15.6	1*	12.7			WASHINGTON MD	-19				
				1	1.5	WICOMICO MD					84
1	1.6					WORCESTER MD					
17	1.2	21	1.2	36	1.8	BALTIMORE CITY MD	-5	49	41	63	85
7	1.4	18	2.5	13	1.2	MASSACHUSETTS MA	78	-50	-10		
		1*	18.1	1*	9.9	BERKSHIRE MA		-46			97
2*	11.4					BRISTOL MA					
1	1.4			2	2.0	HAMPDEN MA			48	67	87
		5*	5.3	2	1.2	MIDDLESEX MA		-77			82
4	1.3	10	2.4	8	1.4	SUFFOLK MA	81	-43	3	41	83
		2*	8.2			WORCESTER MA					
39	1.3	68	1.7	96	1.9	MICHIGAN MI	25	12	39		
2*	58.0			1*	10.3	ALLEGAN MI			-82	02	97
1	1.5	1	1.6			BERRIEN MI	7				
1	3.0					CALHOUN MI					
				1	4.1	CASS MI					93
1	1.1	2	1.7	3	.8	GENESEE MI	52	-49	-23	27	81
		1	.8			INGHAM MI					
		3	2.8	1	.8	KENT MI		-73			81
				1*	119.2	LEELANAU MI					99
				1*	53.0	LIVINGSTON MI					99
		1	5.9	3*	6.1	MACOMB MI		3			95
				1*	33.9	MASON MI					99
		2	4.1	2	2.9	MUSKEGON MI		-29			90
1	1.1	1	.9	4	2.4	OAKLAND MI	-23	171	108	79	89
1	.7	3	3.0	2	.8	SAGINAW MI	316	-71	19	51	81
32	1.4	54	1.7	76	2.0	WAYNE MI	23	18	45	66	87
2	1.4	4	1.9	8	3.1	MINNESOTA MN	34	59	114		
				1*	23.6	BECKER MN					99
				1*	5.1	BELTRAMI MN					95
1	2.0	3	3.4	3	2.8	HENNEPIN MN	65	-16	38	61	90
1*	32.2			2*	67.5	MAHNOMEN MN			109	80	99
		1	1.9	1	1.6	RAMSEY MN		-12			84
40	.8	48	1.1	65	1.5	MISSISSIPPI MS	35	39	89		
1	1.0			2	2.3	ADAMS MS			135	86	88
		1	2.6	1	1.8	ATTALA MS		-30			85
		1*	14.6			BENTON MS					
		1	.4	2	1.8	BOLIVAR MS		421			86
1	4.4					CALHOUN MS					
		1	4.4	1	4.4	CHICKASAW MS		2			94
		2*	17.8			CHOCTAW MS					
				3*	10.0	CLAIBORNE MS					97
		2	1.6	3	2.3	COAHOMA MS		39			88
1	3.0	1	3.1	2*	7.0	COVINGTON MS	3	128	134	85	96
				1	2.0	DE SOTO MS					87
2	2.4	3	3.9	3	2.8	FORREST MS	60	-29	13	48	90
				1	5.3	FRANKLIN MS					95
				1*	9.4	GREENE MS					97
				1*	9.0	HANCOCK MS					97
3*	3.4			3	2.7	HARRISON MS			-20	29	90
5	1.4	7	1.5	10	2.1	HINDS MS	9	45	58	70	87

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
2	1.9					HOLMES MS					
2	3.0					HUMPHREYS MS					
				3*	44.6	ISSAQUENA MS					99
1	1.2	2	4.2	1	.9	JACKSON MS	262	-79	-23	26	81
1	2.8	1	1.3			JASPER MS	-53				
		1	1.8	1	2.4	JEFFERSON MS		32			89
				1	1.2	JONES MS					82
				2*	5.6	LAFAYETTE MS					95
1	.5	2	1.8	1	.6	LAUDERDALE MS	255	-65	24	55	80
		1	4.0			LAWRENCE MS					
1	3.2			1	3.9	LEAKE MS			22	53	93
2	5.4	3*	5.5			LEE MS	1				
1	.3					LEFLORE MS					
1	1.9	1	3.4	2	4.2	LINCOLN MS	72	26	117	81	93
				2	1.8	LOWNDES MS					86
		1	1.3			MADISON MS					
		1	1.9	2	3.3	MARSHALL MS		80			92
1	1.9					MONROE MS					
				1	4.0	MONTGOMERY MS					93
				1	3.2	NOXUBEE MS					91
		1	2.0	1	1.6	OKTIBBEHA MS		-23			84
		3	3.7	1	1.6	PANOLA MS		-56			84
1	1.4	1	1.5			PIKE MS	9				
		1*	4.7			PONTOTOC MS					
		1*	10.5			PRENTISS MS					
1	.7	1	2.5			QUITMAN MS	248				
2	2.9					RANKIN MS					
		1	4.1			SCOTT MS					
				2*	6.6	SHARKEY MS					96
		1	3.6	1	3.2	SIMPSON MS		-10			91
1*	4.3					SMITH MS					
1*	11.6					STONE MS					
2*	15.6					TIPPAH MS					
		1	1.5			TUNICA MS					
				1	6.8	UNION MS					96
1	1.9					WALTHALL MS					
1	.8	3	3.2			WARREN MS	273				
2	.8	2	.8	5	2.7	WASHINGTON MS	5	233	250	93	90
1	2.2			1	2.3	WINSTON MS			5	42	88
1	4.3					YALOBUSHA MS					
				1	.9	YAZOO MS					81
26	1.4	37	1.7	54	2.1	MISSOURI MO	17	26	47		
		1*	9.6	1*	9.6	AUDRAIN MO		-1			97
				1	3.5	BOONE MO					92
				1*	10.1	BUTLER MO					97
				1*	5.5	CAPE GIRARDEAU MO					95
		2*	17.9	1	4.5	GREENE MO		-75			94
		1*	1023.0			IRON MO					
8	2.1	8	1.6	11	1.7	JACKSON MO	-21	5	-16	31	85
				1*	9.8	JASPER MO					97
				1*	43.0	JOHNSON MO					99
				1*	23.6	LAFAYETTE MO					99
				1*	5.6	MARION MO					95
		1*	34.4			MONROE MO					
		2*	9.7	1	3.1	NEW MADRID MO		-68			91
				1	2.1	PEMISCOT MO					87
2*	20.5					PETTIS MO					
1*	15.8					PIKE MO					
1	.9			7	2.3	ST LOUIS COUNTY MO			144	87	88
				1*	8.8	SALINE MO					97
14	1.4	22	1.8	24	1.9	ST LOUIS CITY MO	33	5	40	62	86
				2	.9	MONTANA MT					
				1*	11.6	HILL MT					98
				1*	7.2	ROSEBUD MT					96
1	.8	6	3.0	5	2.5	NEBRASKA NB	265	-15	211		
		1*	40.2			ADAMS NB					
1	1.1	3	2.2	4	2.8	DOUGLAS NB	99	28	155	88	90
		1*	8.3			LANCASTER NB					
		1*	85.3			LINCOLN NB					
				1*	14.4	SARPY NB					98
		3	2.5	2	1.0	NEVADA NV		-60			
				2	1.4	CLARK NV					83
		1*	47.1			MINERAL NV					
		1*	117.3			PERSHING NV					
		1	3.0			WASHOE NV					
30	1.5	45	1.4	59	1.4	NEW JERSEY NJ	-12	2	-10		
		3	1.8	1	.4	ATLANTIC NJ		-79			80
1	1.5	2	2.2	1	.2	BERGEN NJ	53	-92	-88	01	80
		1	.7	4	2.0	BURLINGTON NJ		176			87
4	2.6	2	1.1	5	1.8	CAMDEN NJ	-56	56	-32	21	85
		1	1.3	2	2.2	CUMBERLAND NJ		73			88
10	1.8	19	1.5	17	1.2	ESSEX NJ	-20	-17	-33	20	82
		2	3.3	2	2.6	GLOUCESTER NJ		-23			89
4	3.0			4	.9	HUDSON NJ			-71	05	81
2	1.0	2	1.1	4	2.2	MERCER NJ	11	99	121	83	88
1	2.4	1	1.5	2	1.6	MIDDLESEX NJ	-39	7	-35	19	84
4	3.0	4	2.1	6	3.0	MONMOUTH NJ	-31	44	-1	40	91
		2*	4.4			MORRIS NJ					
1*	8.2	1	2.2			OCEAN NJ	-73				
1	1.2	1	.6	6	1.6	PASSAIC NJ	-53	185	33	60	84

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
		1	2.1	1	2.0	SALEM NJ		-6			87
1*	7.2	1	2.0			SOMERSET NJ	-73				
1	.6	2	1.0	4	1.3	UNION NJ	73	25	115	81	83
132*	2.2	180*	1.9	203	1.5	NEW YORK NY	-11	-20	-29		
2*	6.8	2	3.9			ALBANY NY	-42				
10	1.6	24	1.9	33	1.4	BRONX NY	19	-26	-12	34	83
		1*	11.6	1	5.2	BROOME NY		-55			95
		1*	16.6			CATTARAUGUS NY					
		1*	10.9			CHAUTAUQUA NY					
				1	7.1	CHEMUNG NY					96
				1*	17.6	COLUMBIA NY					98
1	3.0	1	1.2	1	1.0	DUTCHESS NY	-61	-16	-67	08	81
4	1.0	5	.9	9	1.7	ERIE NY	-10	77	59	70	84
35*	2.7	48	1.8	46	1.3	KINGS(BROOKLYN) NY	-32	-29	-52	14	83
		1*	21.9	1*	20.5	LIVINGSTON NY		-6			98
2	1.1	2	1.3	1	.4	MONROE NY	14	-65	-61	09	80
4	3.2	6	1.8	11	2.8	NASSAU NY	-41	50	-12	33	90
48*	2.2	61*	2.6	58	2.1	NEW YORK(MANHATTAN) NY	20	-19	-4	37	87
1	1.7	1	1.2	3*	6.5	NIAGARA NY	-26	419	285	96	96
		2	2.5	1	1.0	ONONDAGA NY		-60			82
1	1.9	1	2.2	1	1.6	ORANGE NY	16	-28	-17	31	84
15*	2.6	12	1.0	15	.8	QUEENS NY	-62	-16	-68	07	81
		1	1.0			RICHMOND NY					
3*	16.2			1	1.1	ROCKLAND NY			-93	00	82
				1	5.7	SCHENECTADY NY					95
				1*	17.2	STEUBEN NY					98
1	1.6	3	1.0	4	1.1	SUFFOLK NY	-35	5	-32	21	82
				1	3.2	ULSTER NY					91
5	1.6	7	1.7	12	2.1	WESTCHESTER NY	6	20	27	55	87
58	1.1	80	1.4	107	1.7	NORTH CAROLINA NC	34	20	60		
1	.9	2	2.7	1	1.0	ALAMANCE NC	195	-62	12	47	82
1*	28.8					ALEXANDER NC					
		1	2.0	1	2.1	ANSON NC		5			87
1	1.1	2	3.0	1	1.6	BEAUFORT NC	166	-46	44	64	84
1	1.4			1	1.8	BERTIE NC			30	58	86
1	1.7	1	1.3	1	1.6	BLADEN NC	-23	25	-4	38	84
				1	2.8	BRUNSWICK NC					90
		2	2.2	2	2.3	BUNCOMBE NC		3			88
		1	3.3			BURKE NC					
1	1.4			1	1.4	CABARRUS NC			0	40	83
		1	4.4	1	4.2	CALDWELL NC		-6			93
				1	6.1	CARTERET NC					95
				1	2.7	CASWELL NC					90
1	2.7					CATAWBA NC					
1	4.4			1	2.1	CHATHAM NC			-52	13	87
1	2.0			2	2.6	CLEVELAND NC			31	59	90
		2	2.3	1	1.1	COLUMBUS NC		-53			82
		1	1.3	2	1.9	CRAVEN NC		49			86
		1	.3	10*	4.3	CUMBERLAND NC		1134			93
		1*	9.6			CURRITUCK NC					
				1	1.9	DAVIDSON NC					86
		1	1.5	1	1.4	DUPLIN NC		-7			83
2	1.8	7*	3.8	6	2.6	DURHAM NC	108	-31	44	64	90
		1	.5	1	.7	EDGECOMBE NC		37			81
4	1.6	3	1.1	7	2.5	FORSYTH NC	-31	118	51	67	89
		1	2.2	1	1.5	FRANKLIN NC		-30			84
		1	.9			GASTON NC					
1	6.0	1	5.5			GATES NC	-8				
1	1.2	3*	5.9	1	1.3	GRANVILLE NC	407	-78	10	44	83
2*	7.3	1	3.3			GREENE NC	-54				
2	1.4	6	1.8	7	1.7	GUILFORD NC	26	-1	25	55	85
2	1.3	1	1.0	2	1.5	HALIFAX NC	-27	60	16	50	84
		1	1.0	4*	5.8	HARNETT NC		458			95
				1*	6.7	HENDERSON NC					96
1	1.2	2	2.5	1	1.5	HERTFORD NC	110	-39	28	56	84
				1	2.8	HOKE NC					90
1	2.3	1	1.9	1	1.7	IREDELL NC	-15	-13	-26	25	85
		1*	11.4			JACKSON NC					
1	3.2	2*	6.3	1	2.7	LEE NC	98	-56	-13	33	90
				5*	4.6	LENOIR NC					94
		1*	3.8			LINCOLN NC					
1	1.1					MARTIN NC					
1	.2	3	.7	9	1.8	MECKLENBURG NC	178	168	646	99	85
		1	4.6			MONTGOMERY NC					
1	1.7			1	2.3	MOORE NC			33	60	88
3	2.6	3	3.4	2	1.8	NASH NC	34	-48	-30	22	86
2	1.8	2	1.6	1	.9	NEW HANOVER NC	-11	-44	-50	15	81
		2	2.2	2	2.4	NORTHAMPTON NC		11			89
1	1.2			2	3.8	ORANGE NC			208	90	92
		1	2.0	2	4.0	PENDER NC		95			93
1	2.2	1	2.8	1	1.9	PERSON NC	31	-32	-12	35	86
		2	1.5			PITT NC					
				1*	15.8	POLK NC					98
2	1.0	5	2.4	4	1.6	ROBESON NC	126	-33	52	68	84
				1	1.3	ROCKINGHAM NC					83
1	2.1					ROWAN NC					
2	2.0					SAMPSON NC					
1	2.0					SCOTLAND NC					
		1	5.5			STANLY NC					
		1*	8.8			STOKES NC					
1*	7.6					SURRY NC					
3*	4.3	2	3.3	1	1.4	VANCE NC	-24	-58	-68	07	83
5	2.2	5	2.2	6	2.2	WAKE NC	3	-1	2	41	88
3*	3.5			2	4.0	WARREN NC			13	48	93
4	2.5	1	.5	1	.7	WAYNE NC	-80	39	-72	04	81
		1	.8	2	2.2	WILSON NC		172			88

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
		2	5.7			NORTH DAKOTA ND					
		1*	23.4			BENSON ND					
		1	6.9			ROLETTE ND					
54	1.7	92*	2.1	114*	2.2	OHIO OH	29	1	30		
1	3.1	2*	7.5	2	4.9	ALLEN OH	140	-35	57	69	94
				1*	11.9	BELMONT OH					98
2*	4.2			3*	4.0	BUTLER OH			-6	37	93
1	2.1	2	2.5	2	2.3	CLARK OH	22	-8	11	46	88
				1*	17.1	CLERMONT OH					98
				1*	24.6	CLINTON OH					99
				1*	8.2	COLUMBIANA OH					97
				1*	35.3	COSHOCTON OH					99
23*	2.2	40*	3.0	32	1.8	CUYAHOGA OH	36	-41	-19	29	65
4	1.2	14*	2.9	13	2.1	FRANKLIN OH	138	-29	69	74	87
				1	3.2	GREENE OH					91
12	2.1	12	1.7	13	1.6	HAMILTON OH	-18	-3	-21	28	84
		1*	66.2	1*	23.5	HANCOCK OH		-65			99
				1	4.2	LAKE OH					93
1*	23.5	1*	9.5			LICKING OH	-60				
3*	7.0			1	1.7	LORAIN OH			-75	03	85
4	2.0	2	.9	7	2.6	LUCAS OH	-56	190	29	57	89
1	.8	3	1.3	5	2.3	MAHONING OH	56	70	166	89	88
		1*	35.1			MARION OH					
1	.5	6	1.9	13*	3.3	MONTGOMERY OH	264	75	538	99	91
		2	1.8	5*	4.1	STARK OH		127			93
1	.6	3	1.3	6	2.3	SUMMIT OH	115	78	282	95	88
		2	4.2	3	4.5	TRUMBULL OH		6			94
		1*	10.4	1*	9.4	WAYNE OH		-10			97
11	1.1	20	1.6	31	1.8	OKLAHOMA OK	49	9	63		
				1	3.2	ADAIR OK					91
				2*	8.5	CADDO OK					97
		1*	9.5			CANADIAN OK					
1	6.8			1	4.9	CARTER OK			-28	23	94
		1	5.7			CHEROKEE OK					
				1	4.5	CHOCTAW OK					94
		1	2.6	1	.9	COMANCHE OK		-66			81
				1*	3.1	CRAIG OK					91
				1	3.5	CREEK OK					92
1*	8.0	1*	9.7	1*	8.4	CUSTER OK	21	-14	4	42	97
		1*	10.9			GRADY OK					
1*	44.6					GREER OK					
1	5.2			1	7.0	LOGAN OK			35	61	96
				1*	20.9	MURRAY OK					98
		1	1.4	2	3.0	MUSKOGEE OK		113			91
				1*	13.3	NOWATA OK					98
		1	14.1			OKFUSKEE OK					
5	2.8	3	1.2	4	1.2	OKLAHOMA OK	-57	-2	-57	11	82
2*	6.7	1	2.6			OKMULGEE OK	-61				
		1*	5.9			OSAGE OK					
		1	3.6			SEMINOLE OK					
		1*	5.6	2*	8.0	SEQUOYAH OK		44			96
		1*	6.5			TILLMAN OK					
		5	2.4	11*	3.8	TULSA OK		61			92
5*	3.4	1	.8	4	1.1	OREGON OR	-76	28	-69		
				1*	6.9	JACKSON OR					96
1*	7.5					KLAMATH OR					
4*	5.0	1	1.2	3	1.5	MULTNOMAH OR	-76	26	-70	06	84
55	1.4	97*	2.1	108	1.9	PENNSYLVANIA PA	48	-9	34		
7	1.2	19*	2.6	19	2.2	ALLEGHENY PA	109	-12	83	75	88
		1	1.9			BEAVER PA					
		3*	10.7	1	1.5	BERKS PA		-86			83
		1*	16.9			BLAIR PA					
				2	3.5	BUCKS PA					92
4*	5.3	3	3.9	2	1.9	CHESTER PA	-27	-51	-64	08	86
		3	2.3	1	.5	DAUPHIN PA		-79			80
4	2.0	4	1.7	6	2.2	DELAWARE PA	-16	28	8	43	88
				1	1.1	ERIE PA					82
1	2.0	2*	5.0	1	2.8	FAYETTE PA	147	-43	40	63	90
2*	13.2	1	6.5			LANCASTER PA	-51				
				1	15.7	LEHIGH PA					98
				2*	7.0	MERCER PA					96
2	1.9	2	1.8	3	2.1	MONTGOMERY PA	-7	21	12	47	87
				1	3.4	NORTHAMPTON PA					92
34	1.4	56	2.0	63	1.8	PHILADELPHIA PA	41	-9	29	57	85
				1*	36.6	SNYDER PA					99
				1*	136.6	UNION PA					99
				2	5.2	WASHINGTON PA					95
1	3.5	1	3.2	1	3.1	WESTMORELAND PA	-9	-3	-12	34	91
		1	3.7			YORK PA					
				4	2.5	RHODE ISLAND RI					
				1	6.7	NEWPORT RI					96
				3	2.3	PROVIDENCE RI					88
37	.9	51	1.3	62	1.4	SOUTH CAROLINA SC	37	11	52		
		2	2.1	1	.7	AIKEN SC		-66			81
		1	2.3	2*	5.6	ALLENDALE SC		140			95
1	1.0					ANDERSON SC					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NERVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1	3.1			BAMBERG SC					
1	1.8			1	1.7	BARNWELL SC			-3	38	85
2	3.7	1	1.5	1	1.4	BEAUFORT SC	-58	-7	-62	09	83
1	.6	2	2.3	2	1.8	BERKELEY SC	321	-24	219	91	85
				1	4.1	CALHOUN SC					93
6	1.4	9	2.5	8	1.8	CHARLESTON SC	83	-29	30	58	85
1	3.2			1	3.1	CHEROKEE SC			-3	38	91
				1	1.8	CHESTER SC					86
				1	1.4	CHESTERFIELD SC					83
4*	3.2	2	2.4	2	2.3	CLARENDON SC	-26	-3	-28	24	88
1	1.5			2	1.9	DARLINGTON SC			24	54	86
		1	1.0	1	1.9	DILLON SC		89			86
1	1.4					FAIRFIELD SC					
		2	1.4	5	2.5	FLORENCE SC		79			89
		1	1.4			GEORGETOWN SC					
3	1.6	3	1.7	5	2.3	GREENVILLE SC	4	38	43	64	88
1	1.4	1	1.3	1	1.5	GREENWOOD SC	-4	14	10	44	84
		1	1.6			HAMPTON SC					
				3	3.9	HORRY SC					93
				2	4.6	JASPER SC					94
2	3.5	1	1.1	1	1.4	KERSHAW SC	-69	27	-60	10	63
				1	1.7	LANCASTER SC					85
1	1.2	2	2.2			LAURENS SC	76				
		1	.7			LEE SC					
1	2.5					LEXINGTON SC					
		1	5.7			MC CORMICK SC					
		1	1.6			MARION SC					
1	.8	2	2.7	2	3.0	MARLBORO SC	262	11	300	96	91
1	2.3					NEWBERRY SC					
1	.8			3	1.5	ORANGEBURG SC			95	78	84
		4*	17.3	1	3.3	PICKENS SC		-81			92
		8	2.4	6	1.5	RICHLAND SC		-39			83
3	1.6	3	1.8	4	2.2	SPARTANBURG SC	12	23	38	62	88
2	1.1	1	.7	4	2.1	SUMTER SC	-37	190	84	76	87
1	.7					WILLIAMSBURG SC					
2	2.7					YORK SC					
		5*	3.0	2	1.6	SOUTH DAKOTA SD		-46			
		1*	9.1			DEWEY SD					
		1*	49.1			GREGORY SD					
				1*	19.6	ROBERTS SD					98
		2*	6.9			SHANNON SD					
		1*	156.4			STANLEY SD					
				1	6.0	TODD SD					95
41	1.4	61	2.0	79*	2.3	TENNESSEE TN	43	14	63		
1*	8.2			1	6.8	BLOUNT TN			-17	30	96
		1*	38.3			CARTER TN					
1*	29.8					CHEATHAM TN					
				1*	30.4	COCKE TN					99
1*	8.2					CROCKETT TN					
7	1.9	5	1.4	15*	3.0	DAVIDSON TN	-26	120	64	71	91
1*	59.6	1*	70.7			DE KALB TN	19				
		1	4.6			DYER TN					
1	.8	2	3.5	2	3.1	FAYETTE TN	372	-12	316	97	91
1	2.9			1	1.9	GIBSON TN			-33	20	86
		1	3.8			GILES TN					
		6	2.4	8	2.7	HAMILTON TN		15			90
		2	5.4	2	4.7	HARDEMAN TN		-13			94
				1*	11.1	HARDIN TN					97
		3*	4.4	1	2.6	HAYWOOD TN		-42			89
1*	4.1					HENRY TN					
2	1.4	1	.8	2	1.1	KNOX TN	-44	40	-22	27	82
				1	2.0	LAUDERDALE TN					87
2	2.0			1	.6	MADISON TN			-69	06	80
				1*	8.2	MARSHALL TN					97
		4*	10.0			MAURY TN					
		1	1.5	2	3.6	MONTGOMERY TN		144			92
1	2.7			1	3.2	ROBERTSON TN			16	49	91
1	3.1	1	3.2			RUTHERFORD TN	3				
17	1.6	32*	2.5	37*	2.7	SHELBY TN	58	5	66	72	90
1*	8.8					SULLIVAN TN					
1	4.7					SUMNER TN					
1	1.5			1	2.4	TIPTON TN			64	71	89
				1*	16.3	WARREN TN					98
1	4.3					WILLIAMSON TN					
72	1.3	100	1.5	138	1.4	TEXAS TX	12	-4	7		
				1	3.0	ANGELINA TX					91
				2*	7.3	AUSTIN TX					96
		4*	15.4			BASTROP TX					
2	.7	3	1.1	13	2.3	BEXAR TX	76	100	252	93	88
				3	4.3	BOWIE TX					93
1	3.3			1	1.6	BRAZORIA TX			-52	14	84
				1*	14.4	BROWN TX					98
		1*	8.3			CAMP TX					
2*	5.3					CASS TX					
		1*	6.6			CHAMBERS TX					
1	1.7	1	2.4			CHEROKEE TX	38				
1*	3.1	1	3.7			COLLIN TX	20				
1	3.6					COLORADO TX					
1*	59.0					COMAL TX					
6	1.2	18	2.0	25	2.1	DALLAS TX	72	6	82	75	87
				1	2.7	DENTON TX					90
				1	1.6	ELLIS TX					84
		1	3.8	2	.6	EL PASO TX		-84			80
2*	4.8					FALLS TX					

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NON-WHITE FEMALE — CANCER OF THE BRAIN AND OTHER PARTS OF THE NEPVOUS SYSTEM — ICD 191,192

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
2*	11.8					FAYETTE TX					
1	2.8	1	2.2			FORT BEND TX	-21				
1	.9	4	2.9	2	1.1	GALVESTON TX	237	-61	30	57	82
				1	4.2	GONZALES TX					93
1	2.5			2	5.3	GRAYSON TX			110	81	95
2	2.2			1	.9	GREGG TX			-57	11	81
		2*	8.9			GRIMES TX					
19*	2.2	22	1.6	34	1.6	HARRIS TX	-30	3	-28	24	84
		1	.8	1	.7	HARRISON TX		-19			81
		1*	9.0			HOPKINS TX					
		1	4.4	1	3.3	JASPER TX		-23			92
4	1.8	3	.8	7	2.0	JEFFERSON TX	-55	153	13	48	87
				1*	19.9	KERR TX					98
1*	31.2					KNOX TX					
		1	2.9	1	3.4	LAMAR TX		18			92
1*	8.8	1*	7.8			LEE TX	-12				
		1	4.6			LEON TX					
				2*	5.8	LIBERTY TX					95
				1	4.8	LIMESTONE TX					94
				1	.9	LUBBOCK TX					81
				1*	29.8	MC CULLOCH TX					99
1	.8	3	2.5	4	2.6	MC LENNAN TX	232	2	237	92	89
2*	8.3	1	4.4			MARION TX	-47				
				1	2.3	MATAGORDA TX					88
1	17.9					MIDLAND TX					
1	5.3					MILAM TX					
1*	3.6					MORRIS TX					
1	3.4	1	3.2	1	2.4	NACOGDOCHES TX	-6	-25	-30	23	89
		1	1.8	2	1.5	NUECES TX		-18			83
1	4.3					PANOLA TX					
		1	4.6			POLK TX					
		1	2.7			POTTER TX					
2*	10.1			1	5.1	RED RIVER TX			-50	16	94
1	1.3					RUSK TX					
		1*	8.6	1*	11.2	SABINE TX		29			97
1	.6	2	1.5	2	1.2	SMITH TX	145	-20	95	77	82
4	1.4	9	2.4	12	2.5	TARRANT TX	74	4	80	75	89
		1	3.3	1	3.4	TAYLOR TX		2			92
				1*	26.5	TERRY TX					99
		1*	7.6			TITUS TX					
				2*	7.8	TOM GREEN TX					96
1	.9	5	3.1			TRAVIS TX	263				
1*	7.1	1*	11.0			TRINITY TX	55				
1*	15.8					VAN ZANDT TX					
				1	2.7	VICTORIA TX					90
1	2.5			1	3.0	WALKER TX			22	53	91
		1	3.4			WALLER TX					
				1	2.5	WASHINGTON TX					89
2*	3.8	1	1.9			WHARTON TX	-49				
		1	1.8			WICHITA TX					
		1*	13.3			WILBARGER TX					
				1*	57.3	WISE TX					99
1*	7.2					WOOD TX					
1	1.2	1	1.6			UTAH UT	37				
1*	93.7					DUCHESNE UT					
		1	3.0			SALT LAKE UT					
40	1.1	59	1.4	73	1.5	VIRGINIA VA	33	7	42		
1	1.7					ACCOMACK VA					
3*	5.6	1	1.5	6*	8.8	ALBEMARLE#VA	-73	491	58	69	97
1*	5.9			1*	9.3	ALLEGHANY#VA			56	68	97
1	2.2	1	4.3	2*	7.1	AMHERST VA	93	67	221	92	96
		1*	7.2			APPOMATTOX VA					
		1	1.6	1	1.1	ARLINGTON#VA		-30			82
		1	3.3	2*	7.3	AUGUSTA#VA		124			96
		1*	47.4	1*	21.0	BATH VA		-56			98
2	1.4	2	1.6	2	1.5	BEDFORD#VA	14	-8	5	42	83
		2	5.7	1	2.1	BRUNSWICK VA		-63			87
1	5.2					BUCKINGHAM VA					
				1	3.2	CAROLINE VA					91
				1	4.8	CHARLES CITY VA					94
1	2.9					CHARLOTTE VA					
5	1.0	10	1.7	6	.9	CHESTERFIELD#VA	64	-46	-11	35	81
1	.6	4	2.0	2	1.0	DINWIDDIE#VA	233	-51	62	70	81
		4	3.8	6	1.9	FAIRFAX#VA		-50			86
		1	3.9			FAUQUIER VA					
1*	37.5					FLOYD VA					
1*	9.0					FLUVANNA VA					
2*	13.3	2*	15.4			FRANKLIN VA	16				
				1	5.0	GOOCHLAND VA					94
2*	6.2	2*	4.8			GREENSVILLE#VA	-23				
		1	1.0	1	1.3	HALIFAX#VA		26			83
				1	1.2	HENRY#VA					82
				1	2.5	ISLE OF WIGHT VA					89
1	1.4	1	1.3	1	1.2	JAMES CITY#VA	-11	-4	-14	32	82
2*	16.2					KING AND QUEEN VA					
		1	7.7			KING WILLIAM VA					
				1	5.1	LANCASTER VA					94
		2*	9.6	1	4.3	LUNENBURG VA		-55			93
				1*	10.9	MADISON VA					97
1*	7.8					MONTGOMERY#VA					
1	2.4			1	2.6	NORTHAMPTON VA			6	43	90
1	.5	1	.7	1	.5	PITTSYLVANIA#VA	39	-20	10	45	80
		2*	14.6			PRINCE WILLIAM#VA					
1*	8.5	1*	9.0			RICHMOND VA	7				
2	2.0	1	1.1	6*	4.6	ROANOKE#VA	-45	332	137	86	94
		1	1.8	1	1.6	SOUTHAMPTON#VA		-12			84

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1	3.4					SPOTSYLVANIA#VA					
				1*	9.0	STAFFORD VA					97
		1	3.2			SUSSEX VA					
		1	3.8			WESTMOPELAND VA					
3	.4	9	1.1	18	2.0	CHESAPEAKE CITY#VA	195	82	437	98	87
		1	.7	3	1.8	HAMPTON CITY VA		181			86
3	1.6	2	1.1	1	.4	NEWPORT NEWS CITY VA	-29	-66	-76	03	80
2	1.9	1	.9	1	.9	SUFFOLK CITY VA	-53	-4	-54	12	81
7	3.1	5	1.2	12	1.4	WASHINGTON WA	-63	18	-56		
		1*	36.4			GRANT WA					
6*	5.5	4	1.5	7	1.5	KING WA	-72	-3	-73	04	84
				1	.5	PIERCE WA					80
				1	1.5	SNOHOMISH WA					83
1*	3.6					SPOKANE WA					
				1*	21.8	STEVENS WA					99
				2	5.5	YAKIMA WA					95
7	1.2	6	1.5	4	.9	WEST VIRGINIA WV	30	-37	-18		
1*	14.4					BERKELEY WV					
1	1.2	1	2.0			FAYETTE WV	70				
				1*	16.6	HARRISON WV					98
		1*	4.9			JEFFERSON WV					
				2	2.6	KANAWHA WV					90
				1	4.2	LOGAN WV					93
3	2.8	1	4.2			MC DOWELL WV	50				
1	2.0	1	2.2			MERCER WV	10				
		1*	7.9			OHIO WV					
1	1.5	1	2.0			RALEIGH WV	30				
6	2.2	7	1.0	15	2.2	WISCONSIN WI	-57	127	-2		
				1	6.9	DANE WI					96
				1*	14.7	EAU CLAIRE WI					98
1*	982.0					KEWAUNEE WI					
1*	7.7					MENOMINEE#WI					
4	3.8	7	1.3	10	2.3	MILWAUKEE WI	-66	74	-40	18	88
				1	.9	RACINE WI					81
				2*	12.9	ROCK WI					98
1	5.0			1	1.6	WYOMING WY			-69		
1*	12.1			1	5.8	FREMONT WY			-52	13	95

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3219	.5	3217	.4	3131	.4	UNITED STATES	-14	-14	-25		
36	.4	28	.3	31	.3	ALABAMA AL	-30	-14	-40		
2	1.3					BALDWIN AL					
1	1.7			1*	2.0	BARBOUR AL			22	75	96
1*	1.8					BIBB AL					
1	.9					BLOUNT AL					
				1*	4.5	BULLOCK AL					99
3	1.7	1	.3	2	.6	CALHOUN AL	-84	109	-66	12	80
		1	.9	1	1.0	CHILTON AL		7			88
		1*	4.1			CHOCTAW AL					
2*	3.1					CLARKE AL					
2*	1.6					COLBERT AL					
				1*	2.1	CONECUH AL					96
		3*	2.1	1	.7	COVINGTON AL		-67			83
				1*	2.1	CRENSHAW AL					96
				1	.4	CULLMAN AL					71
1	1.0	2*	1.9			ELMORE AL	84				
1	.5	1	.3	1	.2	ETOWAH AL	-30	-31	-52	22	66
		1	.9	1	.8	FRANKLIN AL		-14			86
1	1.2			2*	2.2	GENEVA AL			80	87	97
1	.5	1	.5			HOUSTON AL	-10				
8	.6	8	.4	7	.4	JEFFERSON AL	-22	-21	-38	35	71
1	.6			1	.3	LAUDERDALE AL			-45	27	70
1	1.2			1	.6	LEE AL			-47	26	81
1	.5	1	.1			MADISON AL	-79				
1	.5					MARSHALL AL					
1	.1	2	.3	2	.3	MOBILE AL	130	-9	110	92	68
2*	3.6					MONROE AL					
		1	.3	4*	.7	MONTGOMERY AL		120			84
2	.9					MORGAN AL					
		1	1.1			RANDOLPH AL					
		1	1.2			RUSSELL AL					
2*	1.7	1	.7			SHELBY AL	-57				
		1	1.1			TALLADEGA AL					
1	.8					TALLAPOOSA AL					
				1	.2	TUSCALOOSA AL					66
				2	.7	WALKER AL					84
		1*	4.0			WILCOX AL					
		1	.5			ALASKA AK					
21	.5	33	.6	30	.3	ARIZONA AZ	9	-44	-39		
1	.7	2	.8			COCHISE AZ	14				
1	.7					COCONINO AZ					
2*	2.3	2*	2.0	1	.4	GILA AZ	-15	-81	-83	01	72
				1	1.0	GRAHAM AZ					90
9	.5	12	.4	16	.3	MARICOPA AZ	-11	-26	-33	38	69
1	1.2	1	2.6	1	1.8	NAVAJO AZ	112	-32	43	82	95
6	.7	12*	1.0	9	.5	PIMA AZ	35	-47	-28	42	78
1*	2.9	1*	1.9	1*	2.9	SANTA CRUZ AZ	-35	52	-2	63	98
		2	.9			YAVAPAI AZ					
		1	.4	1	.3	YUMA AZ		-25			69
25	.3	20	.3	29	.3	ARKANSAS AR	-23	22	-6		
1	1.5					BAXTER AR					
				1*	1.4	BRADLEY AR					93
				1*	3.5	CALHOUN AR					98
				1	.8	CARROLL AR					85
1*	2.8					CHICOT AR					
		1	1.5			CLARK AR					
				2*	2.5	CLEBURNE AR					97
		1	1.5	1	1.1	CONWAY AR		-29			91
		1	.4	1	.4	CRAIGHEAD AR		5			75
1	1.0			2*	1.5	CRAWFORD AR			54	84	93
		1*	2.2			DALLAS AR					
1*	2.3			1*	1.8	DESHA AR			-21	47	95
		1	1.0			FAULKNER AR					
				1	1.0	FRANKLIN AR					89
3	1.4	1	.2	3	1.0	GARLAND AR	-84	363	-26	44	89
1*	1.8					GRANT AR					
				1	.7	GREENE AR					83
				1	.8	INDEPENDENCE AR					86
		1	1.0			JACKSON AR					
1	.4					JEFFERSON AR					
				1	1.2	JOHNSON AR					91
		1*	2.8			LAFAYETTE AR					
1	1.1					LAWRENCE AR					
1	1.0			1	.7	LONOKE AR			-26	44	84
		1*	2.6			MARION AR					
				1*	2.3	MONTGOMERY AR					97
1*	2.2			3*	7.4	NEVADA AR			241	98	99
1	1.0					OUACHITA AR					
		1*	1.4			PIKE AR					
		1	.9	1	.8	POINSETT AR		-12			85
				1	.8	POLK AR					85
1	1.0					POPE AR					
2	.2	2	.3	1	.1	PULASKI AR	31	-52	-36	36	65
		2*	1.3			SALINE AR					
4*	1.3	1	.4	2	.5	SEBASTIAN AR	-70	37	-59	17	79
1	1.8					SEVIER AR					
3*	7.5	1*	3.1			SHARP AR	-59				
1*	2.0	1*	2.1			VAN BUREN AR	3				
				1	.2	WASHINGTON AR					67
		2	.9	1	.5	WHITE AR		-48			77

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252	.5	311	.5	305	.4	CALIFORNIA CA	-5	-19	-23		
20	.6	14	.4	15	.4	ALAMEDA CA	-37	17	-26	44	75
5*	1.2	1	.2	8*	1.3	BUTTE CA	-86	635	4	67	92
		1	1.1	1	.9	CALAVERAS CA		-23			87
3	.3	9	.5	10	.5	CONTRA COSTA CA	84	-2	81	88	77
		1	1.2	1	1.2	DEL NORTE CA		0			92
1	.7	2	1.0	1	.2	EL DORADO CA	47	-77	-66	11	67
2	.2	6	.4	3	.2	FRESNO CA	108	-57	-11	55	65
1	1.1			1	.9	GLENN CA			-19	48	88
1	.2	1	.2	1	.3	HUMBOLDT CA	24	24	54	84	68
				1	.3	IMPERIAL CA					69
1	1.4					INYO CA					
3	.3	2	.2	9	.6	KERN CA	-43	216	81	88	81
		2	.9			KINGS CA					
				1	.4	LAKE CA					75
1	2.1					LASSEN CA					
103	.5	132*	.5	102	.4	LOS ANGELES CA	8	-28	-22	46	73
1	.6					MADERA CA					
2	.5	1	.1	5	.6	MARIN CA	-79	516	29	78	81
		1	.4	4*	1.4	MENDOCINO CA		300			93
2	.6	1	.3			MERCED CA	-44				
1*	2.6	1*	3.0			MODOC CA	15				
2	.4	2	.3			MONTEREY CA	-23				
3	.8	1	.3	2	.4	NAPA CA	-69	55	-51	23	73
				1	.7	NEVADA CA					84
3	.2	12	.4	19	.3	ORANGE CA	136	-18	94	89	71
		2	.6	5*	1.2	PLACER CA		105			92
6	.7	10	.5	13	.4	RIVERSIDE CA	-21	-22	-38	35	74
8	.6	9	.5	8	.3	SACRAMENTO CA	-23	-35	-51	23	69
1	1.4	1	1.5			SAN BENITO CA	11				
3	.2	6	.3	10	.3	SAN BERNARDINO CA	61	12	80	87	70
14	.5	19	.5	21	.3	SAN DIEGO CA	-11	-28	-35	36	71
23	.6	9	.2	6	.2	SAN FRANCISCO CA	-62	-20	-69	08	65
5	.5	9	.7	5	.3	SAN JOAQUIN CA	51	-53	-28	43	71
1	.3	2	.4	2	.3	SAN LUIS OBISPO CA	41	-39	-14	53	68
1	.0	6	.4	8	.4	SAN MATEO CA	686	11	774	99	74
		3	.4	7	.6	SANTA BARBARA CA		72			81
17*	1.2	14	.7	9	.3	SANTA CLARA CA	-43	-59	-77	04	68
2	.5	5	.8	2	.2	SANTA CRUZ CA	65	-71	-53	22	67
		3	.9	2	.5	SHASTA CA		-42			78
		2	1.2			SISKIYOU CA					
1	.3	1	.2	3	.4	SOLANO CA	-38	108	29	77	74
2	.3	3	.3	3	.2	SONOMA CA	13	-23	-13	54	67
1	.1	3	.3	3	.3	STANISLAUS CA	143	-8	125	93	70
2	1.6	1	.7	1	.6	SUTTER CA	-57	-13	-63	14	80
		1	.7			TEHAMA CA					
				1*	1.8	TRINITY CA					95
4	.5	4	.5	4	.5	TULARE CA	-4	-12	-16	51	76
				3*	2.0	TUOLUMNE CA					96
2	.5	4	.4	2	.1	VENTURA CA	-8	-66	-69	09	65
4*	2.1	3	1.2	2	.5	YOLO CA	-45	-58	-77	04	77
		1	.7			YUBA CA					
30	.4	29	.4	34	.4	COLORADO CO	-16	3	-14		
1	.6					ADAMS CO					
		1*	2.1			ALAMOSA CO					
		1*	1.9			BENT CO					
2	.8	2	.6			BOULDER CO	-24				
		1*	2.5			CONEJOS CO					
		1*	5.7			COSTILLA CO					
1	1.2					DELTA CO					
13	.5	8	.3	11	.4	DENVER-ARAPAHOE# CO	-40	34	-20	48	74
1*	7.5			1*	7.5	EAGLE CO			-1	64	99
1	.2	4	.7	2	.4	EL PASO CO	212	-49	58	84	71
				2*	2.3	GARFIELD CO					97
1*	24.8					GILPIN CO					
				1*	133.9	HINSDALE CO					99
		2	.5	4	.5	JEFFERSON CO		12			79
		1*	2.9			LAKE CO					
2	.7	3	1.0			LARIMER CO	38				
		1	1.1	1	1.1	LOGAN CO		-1			90
2	.9			3	.9	MESA CO			5	68	88
1	.9	1	.9			OTERO CO	2				
				1*	11.1	PITKIN CO					99
2	.4	2	.4	6*	1.1	PUEBLO CO	-15	203	158	96	91
				1*	4.3	ROUTT CO					99
1*	6.0	1*	5.6			TELLER CO	-7				
1	.3			1	.3	WELD CO			-7	58	68
1	1.8					YUMA CO					
55	.6	48	.4	58	.4	CONNECTICUT CT	-29	10	-22		
11	.5	17	.6	13	.4	FAIRFIELD CT	12	-27	-18	49	74
15	.6	10	.3	14	.4	HARTFORD CT	-49	28	-34	37	73
4	.7	2	.3	5	.7	LITCHFIELD CT	-58	133	-1	64	83
8*	2.1	2	.4	1	.2	MIDDLESEX CT	-20	-51	-90	00	66
12	.4	12	.4	18	.5	NEW HAVEN CT	-13	37	20	74	78
2	.3	4	.5	7*	.7	NEW LONDON CT	67	42	137	95	83
2	.8					TOLLAND CT					
1	.3	1	.3			WINDHAM CT	-14				
6	.4	8	.5	5	.2	DELAWARE DE	19	-53	-44		
1	.6	1	.5	1	.4	KENT DE	-16	-28	-40	33	71
5	.5	7	.6	2	.1	NEW CASTLE DE	28	-77	-70	07	65
				2	.4	SUSSEX DE					76

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14	.7	4	.2	8	.6	DIST. OF COLUMBIA DC	-71	180	-18		
14	.7	4	.2	8	.6	WASHINGTON DC	-71	180	-18	49	81
64	.4	90	.3	141	.3	FLORIDA FL	-21	-10	-29		
		2	1.4	2	.6	ALACHUA FL		-56			81
		2	1.1	1	.4	BAY FL		-64			74
		1*	1.6			BRADFORD FL					
1	.5	1	.3	3	.4	BREVARD FL	-36	11	-28	42	71
4	.6	6	.2	23	.4	BROWARD FL	-58	65	-31	40	73
		2	1.9			CHARLOTTE FL					
		1	.3	1	.6	CITRUS FL		85			82
				1	.6	CLAY FL					79
				2	.3	COLLIER FL					68
16	.5	18	.4	24	.3	DADE FL	-19	-18	-34	37	69
		1	1.3	1	.9	DE SOTO FL		-33			87
6	.7	4	.3	7	.4	DUVAL FL	-57	41	-39	33	74
				1	.1	ESCAMBIA FL					64
1	2.1					HARDEE FL					
		1	.7			HERNANDO FL					
		1	.5	1	.2	HIGHLANDS FL		-53			66
7	.5	10	.5	7	.3	HILLSBOROUGH FL	4	-49	-47	26	68
		1	.3			INDIAN RIVER FL					
2	.8			2	.2	LAKE FL			-79	03	65
		1	.1	3	.2	LEE FL		71			65
1	.4	1	.3	3	.2	MANATEE FL	-38	-30	-57	20	65
				1	.2	MARION FL					65
2*	3.9					MARTIN FL					
2*	2.3			4*	1.4	MONROE FL			-40	33	93
1*	3.9					NASSAU FL					
				1	.8	OKEECHOBEE FL					85
1	.1	3	.3	6	.4	ORANGE FL	184	44	309	98	74
2*	1.1					OSCEOLA FL					
6	.9	3	.2	12	.3	PALM BEACH FL	-75	39	-65	12	70
1	.3	1	.1	7	.6	PASCO FL	-76	699	93	89	81
5	.1	14	.3	14	.2	PINELLAS FL	174	-38	69	87	66
		4	.4	4	.2	POLK FL		-39			67
		1	.7	1	.6	ST JOHNS FL		-13			80
		3*	1.2	1	.3	ST LUCIE FL		-74			70
1	.2	2	.2	5	.3	SARASOTA FL	1	60	61	86	70
2	1.8			1	.2	SEMINOLE FL			-91	00	65
		1	2.0			SUMTER FL					
		1*	2.2			TAYLOR FL					
3	.5	3	.4	2	.1	VOLUSIA FL	-14	-78	-81	02	64
		1	1.4			WALTON FL					
35	.3	37	.3	47	.3	GEORGIA GA	-11	6	-6		
				1*	1.7	APPLING GA					94
1*	4.6					ATKINSON GA					
				1*	2.4	BACON GA					97
		1	.8			BALDWIN GA					
				1*	1.8	BERRIEN GA					95
1*	2.1					BROOKS GA					
1*	3.2					BURKE GA					
		1	2.2	1	.7	CATOOSA GA		-69			83
2	.5	2	.5	2	.4	CHATHAM GA	10	-33	-27	43	71
				1	1.6	CLAYTON GA					94
		1	.3			COBB GA					
1*	4.6					COLUMBIA GA					
		1	1.0			COWETA GA					
2	.4	3	.3	2	.2	DE KALB GA	-24	-41	-55	21	65
				1*	1.6	DODGE GA					94
1*	2.8					DOOLY GA					
4*	5.2	1	.8			DOUGHERTY GA	-85				
1	1.9	1	1.7	1*	1.7	ELBERT GA	-10	-4	-13	53	94
		1*	1.7			EMANUEL GA					
				1*	1.1	FAYETTE GA					91
2	.9	1	.3	1	.3	FLOYD GA	-66	-9	-69	09	69
				1	1.0	FORSYTH GA					90
1	1.7			1*	1.7	FRANKLIN GA			-5	61	94
9	.5	3	.2	3	.2	FULTON GA	-65	9	-62	15	66
				1	.7	GLYNN GA					85
		1	1.0	2	1.0	GWINNETT GA		0			89
		1	1.1	2*	1.7	HABERSHAM GA		57			94
1	.8	3*	1.7	2	.8	HALL GA	117	-51	6	68	87
				1	1.3	HARALSON GA					93
		1*	3.7			HARRIS GA					
				1*	1.5	HART GA					94
		1	2.0			HENRY GA					
		1*	3.0			IRWIN GA					
				1*	5.0	JENKINS GA					99
		1	.9			LAURENS GA					
1	.7					LOWNDES GA					
				1*	2.7	LUMPKIN GA					98
		1*	1.9			MADISON GA					
2*	4.8			1*	1.9	MITCHELL GA			-60	16	95
				1*	1.4	MURRAY GA					93
2	1.0	3	1.2	2	.5	MUSCOGEE#GA	15	-61	-55	21	76
				1	1.5	PAULDING GA					93
		1*	3.6			PEACH GA					
		1*	3.3			PIERCE GA					
		1	.8			POLK GA					
				1*	1.8	RABUN GA					95
1	.3			3	.6	RICHMOND GA			110	92	62
				1*	3.7	SEMINOLE GA					98
		1	.7	1	.9	SPALDING GA		30			87
		1	1.2			TIFT GA					
1*	2.2					TOOMBS GA					

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		2*	1.5	2*	1.1	TROUP GA		-28			90
				1*	5.5	WARREN GA					99
				1*	2.2	WASHINGTON GA					97
				1*	5.4	WHEELER GA					99
				1	.4	WHITFIELD GA					74
1*	3.5					WILCOX GA					
		1*	3.0	1*	4.1	WILKES GA		36			99
		5	1.4	5	.8	HAWAII HI		-45			
		2*	3.1	1	1.0	HAWAII HI		-67			89
		2	1.1	2	.2	HONOLULU HI		-81			66
				1*	5.4	KAUAI HI					99
		1*	2.7	1	3.5	MAUI#HI		33			98
13	.5	12	.4	12	.3	IDAHO ID	-21	-17	-34		
1	.3	1	.3	1	.2	ADA ID	-5	-42	-45	28	65
1*	2.8	1*	2.8			BEAR LAKE ID	-1				
				1*	8.9	BOISE ID					99
		1	1.0			BONNER ID					
1	.8	2	1.5	1	.7	BONNEVILLE ID	85	-55	-17	50	83
				1*	3.6	BOUNDARY ID					98
				2	.5	CANYON ID					78
1*	2.0					CLEARWATER ID					
				1*	2.5	GOODING ID					97
1	2.5					IDAHO ID					
3*	2.0	1	.5			KOOTENAI ID	-74				
		1	1.1			LATAH ID					
				1*	2.2	MADISON ID					97
		1*	1.4			MINIDOKA ID					
2*	1.7					NEZ PERCE ID					
		1*	3.5			ONEIDA ID					
		1	1.5	1	1.0	PAYETTE ID		-38			89
				1*	4.9	POWER ID					99
1	2.1	1	1.4			SHOSHONE ID	-35				
2	1.2			1	.4	TWIN FALLS ID			-63	14	75
		1*	4.7			VALLEY ID					
				1*	2.0	WASHINGTON ID					96
221	.5	211	.5	160	.4	ILLINOIS IL	-10	-26	-34		
		3	.7	2	.5	ADAMS IL		-36			77
		1	.9			BOND IL					
		2*	2.0			BOONE IL					
				2	.9	BUREAU IL					87
				1*	3.5	CALHOUN IL					98
				1	.8	CARROLL IL					86
		1	.9	1	1.2	CASS IL		31			92
5*	1.2	3	.6	1	.3	CHAMPAIGN IL	-49	-57	-78	03	68
				2	1.1	CHRISTIAN IL					91
1	.8					CLARK IL					
		1	.7			CLINTON IL					
1	.4	2	.9	1	.5	COLES IL	107	-48	7	69	76
135*	.7	111*	.5	84	.4	COOK IL	-25	-23	-43	31	74
				1	1.2	CRAWFORD IL					91
		2*	2.8			CUMBERLAND IL					
2	.8	2	.8	1	.4	DE KALB IL	1	-57	-56	20	71
				1	1.1	DE WITT IL					91
1	1.1	1	1.3			DOUGLAS IL	17				
8*	1.0	7	.7	2	.1	DU PAGE IL	-29	-91	-93	00	64
1	.8					EDGAR IL					
		1*	1.8			EDWARDS IL					
				1	.8	FAYETTE IL					86
				1	1.4	FORD IL					93
2	.7			1	.3	FRANKLIN IL			-55	21	70
		1	.4	1	.4	FULTON IL		1			72
		1	.8			GREENE IL					
				1	.7	GRUNDY IL					84
		1	.6			HANCOCK IL					
		1*	2.0			HENDERSON IL					
				2	.7	HENRY IL					83
		1	.5	1	.5	IROQUOIS IL		-4			77
1	.5			2	.7	JACKSON IL			29	78	83
		1	.5			JEFFERSON IL					
1	1.2					JERSEY IL					
2*	1.8	1	.9			JO DAVIESS IL	-51				
1*	2.4					JOHNSON IL					
5	.6	1	.1	2	.2	KANE IL	-84	110	-67	11	66
		3	.7	2	.6	KANKAKEE IL		-15			80
		2*	2.7	1	.7	KENDALL IL		-75			83
		1	.3	1	.3	KNOX IL		-14			69
3	.3	3	.3	9	.7	LAKE IL	-5	183	169	96	84
5	.9	2	.4	1	.2	LA SALLE IL	-60	-43	-77	03	66
2*	2.0	1	1.0			LAWRENCE IL	-49				
1	.6					LEE IL					
1	.5					LIVINGSTON IL					
		3*	1.8			LOGAN IL					
1	.6					MC DONOUGH IL					
3	1.0	2	.4	1	.2	MC HENRY IL	-54	-60	-82	02	65
		1	.2			MC LEAN IL					
1	.2					MACON IL					
1	.3	1	.3	2	.9	MACOUPIN IL	-8	239	211	97	88
2	.2	2	.2			MADISON IL	-20				
1	.4					MARION IL					
		3*	3.8			MARSHALL IL					
1	1.0			1	1.2	MASON IL			18	74	92
		1	1.4			MASSAC IL					
1	1.4					MENARD IL					
				1	.9	MERCER IL					88
				1	1.0	MONROE IL					89

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		2	1.2			MONTGOMERY IL					
2	.8	1	.4	1	.5	MORGAN IL	-44	3	-42	31	76
2	1.1	3*	1.5	1	.4	OGLE IL	38	-70	-58	18	75
1	.1	4	.4	6	.7	PEORIA IL	296	60	535	99	84
		1	1.2	2*	2.4	PIATT IL		94			97
2	1.5			1	.6	PIKE IL			-58	18	81
				1*	4.7	PULASKI IL					99
		1	1.1	1	1.3	PICHLAND IL		27			93
4	.5	3	.4	2	.3	ROCK ISLAND IL	-30	-23	-46	27	69
1	.1	6	.6			ST CLAIR IL	514				
		2	1.5			SALINE IL					
3	.5			5	.7	SANGAMON IL			51	83	83
		1*	2.1			SCOTT IL					
1	.6	1	.6			SHELBY IL	1				
1	.4	1	.5	1	.4	STEPHENSON IL	7	-12	-5	60	74
2	.5					TAZEWELL IL					
		1	.8			UNION IL					
3	.7	2	.4			VEPMILION IL	-47				
		1	1.2			WABASH IL					
		1	.8			WARREN IL					
1	.9					WASHINGTON IL					
		1	1.0	1	.8	WHITE IL		-21			85
1	.4	1	.4	1	.3	WHITESIDE IL	-4	-10	-14	52	70
1	.2	3	.4	2	.2	WILL IL	70	-61	-35	37	65
		1	.3	1	.4	WILLIAMSON IL		13			71
7	.9	4	.4	2	.2	WINNEBAGO IL	-49	-51	-75	05	66
88	.5	75	.4	80	.4	INDIANA IN	-20	-2	-21		
				1	.8	ADAMS IN					86
2	.2	6	.7	6	.5	ALLEN IN	211	-27	128	94	78
		2	1.1	1	.5	BARTHOLOMEW IN		-49			79
1	1.4					BLACKFORD IN					
				1	.7	BOONE IN					84
2	.8					CASS IN					
				2	.6	CLARK IN					82
		1	.7			CLAY IN					
2	1.1	1	.7			CLINTON IN	-37				
		1*	1.6			CRAWFORD IN					
2	1.3	1	.7	1	.8	DAVIESS IN	-50	23	-39	34	86
		1	.7	1	.7	DEAPBOPN IN		-3			83
				1	.9	DECATUR IN					88
		1	.7			DE KALB IN					
1	.2			1	.2	DELAWARE IN			40	81	66
1	.3	2	.4	2	.4	ELKHAPT IN	60	-17	33	79	71
1	.9			1	.8	FAYETTE IN			-10	57	86
2	.9	1	.4	1	.4	FLOYD IN	-53	-16	-61	16	72
				1	1.2	FRANKLIN IN					92
1	.9	1	1.1			FULTON IN	25				
1	.8					GIBSON IN					
2	.6	3	.9	3	.9	GPANT IN	49	-4	43	82	87
1	.5					GPEENE IN					
				2	.6	HAMILTON IN					82
		2	1.3			HENDPICKS IN					
1	.5	1	.4	1	.4	HENRY IN	-6	-5	-10	56	73
2	.8	3	1.0			HOWARD IN	34				
1	.7			1	.6	JACKSON IN			-12	55	82
1	.8	1	.8	1	.8	JAY IN	6	-1	5	68	86
1	.8					JOHNSON IN					
2	.8					KNOX IN					
				1	.4	KOSCIUSKO IN					75
1	1.3			1	1.0	LAGRANGE IN			-22	46	89
11	.6	12	.7	8	.5	LAKE IN	6	-26	-21	47	77
2	.5					LA PORTE IN					
6*	1.4	2	.4	4	.7	MADISON IN	-71	91	-45	28	85
8	.3	11	.4	12	.5	MAPION IN	23	11	36	80	76
2	1.3					MAPSHALL IN					
1	.6	1	.7	1	.7	MIAMI IN	22	-5	16	72	83
1	.5	1	.4	1	.4	MONRCE IN	-15	-10	-23	46	73
1	.7			1	.6	MONTGOMERY IN			-16	50	80
				1	1.1	OPANGE IN					91
		1	.9	1	1.0	PAPKE IN		19			89
		2	.8	4*	1.5	PORTER IN		77			94
2*	1.8					POSEY IN					
1	1.6					PULASKI IN					
				1	.7	PUTNAM IN					84
1	.7					RANDOLPH IN					
9*	1.0	5	.6	2	.2	ST JOSEPH IN	-43	-68	-82	01	65
				1	1.2	SPENCEP IN					91
1	1.1					STAPKE IN					
				1	.9	STEUBEN IN					88
3*	1.9					SULLIVAN IN					
1	.4	1	.3	3	.8	TIPPECANOE IN	-27	194	114	93	85
1	1.3					TIPTON IN					
1*	2.7			1*	3.3	UNION IN			23	76	98
3	.5	4	.6	1	.1	VANDEPBUPGH IN	10	-77	-75	05	64
		1	.6			VERMILLION IN					
1	.2	4	.7	2	.4	VIGO IN	278	-44	111	92	73
		2	1.3	1	.7	WABASH IN		-49			82
				1*	2.3	WAPPEN IN					97
				1	.7	WARRICK IN					84
1	.8			1	.9	WASHINGTON IN			9	70	88
2	.6			1	.3	WAYNE IN			-43	30	70
1	.9					WHITLEY IN					
64	.5	60	.4	55	.4	IOWA IA	-8	-13	-20		
		2*	2.4			ADAIR IA					
1*	1.6			1*	3.2	ADAMS IA			98	90	98
1	.9					ALLAMAKEE IA					
1	.7	1	.9			APPANOOSE IA	38				

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				1*	1.8	AUDUBON IA					95
				1	.6	BENTON IA					82
1	.2	2	.4	1	.2	BLACK HAWK IA	153	-48	32	79	66
				2*	1.2	BOONE IA					92
1	1.0	1	.9	3*	2.4	BREMER IA	-8	165	144	95	97
1	1.1			1	.8	CARROLL IA			-27	44	86
1	.8					CASS IA					
1	.4	1	.4	1	.4	CERRO GORDO IA	-6	2	-4	62	73
1	.8					CHEROKEE IA					
1	1.0					CLAY IA					
3	1.1	2	.7	1	.4	CLINTON IA	-38	-43	-65	13	73
1	.9					CRAWFORD IA					
		1*	4.4			DAVIS IA					
1	1.0	2*	2.9	1*	1.8	DECATUR IA	184	-38	76	87	95
		2*	1.9			DELAWARE IA					
2	.9	1	.5	1	.4	DES MOINES IA	-52	-16	-59	17	73
				1	1.1	DICKINSON IA					91
1	.4	2	.6	1	.3	DUBUQUE IA	26	-43	-29	42	70
1	1.5					EMMET IA					
		1	.7			FAYETTE IA					
		2*	1.8			FLOYD IA					
1	1.3	1	1.9			FRANKLIN IA	47				
1	1.3					FREMONT IA					
		1	1.1			GREENE IA					
		2*	2.6			GRUNDY IA					
1	1.1					GUTHRIE IA					
1	1.1					HAMILTON IA					
				2*	2.3	HANCOCK IA					97
2	1.5					HARDIN IA					
1	1.0			1	.8	HARRISON IA			-18	49	85
				1	1.0	HENRY IA					89
1	1.0					IOWA IA					
		1	.9			JACKSON IA					
		1	.6	1	.6	JASPER IA		-2			80
1	1.2			2*	1.9	JEFFERSON IA			59	85	95
		2	1.0	1	.4	JOHNSON IA		-61			74
1	1.0			1	1.0	JONES IA			0	65	89
2*	2.0			1	1.4	KEOKUK IA			-32	39	93
1	.5	1	.4	1	.5	LEE IA	-8	12	3	67	77
3	.5	3	.5	2	.3	LINN IA	-15	-28	-39	34	70
				1	1.3	LUCAS IA					93
1	1.2					LYON IA					
1	.8			1	.7	MAHASKA IA			-8	58	85
1	.5	1	.6			MARION IA	15				
		1	.4			MARSHALL IA					
				1*	1.6	MONROE IA					94
1	.5	1	.6			MUSCATINE IA	11				
2	1.3	1	.7	2*	1.2	PAGE IA	-43	71	-2	63	92
				1	1.1	PALO ALTO IA					90
1	.7	2*	1.5			PLYMOUTH IA	107				
1	1.2			1	1.0	POCAHONTAS IA			-11	56	89
5	.5	9*	.8	4	.4	POLK IA	75	-54	-20	48	72
3	.8	2	.5	1	.2	POTTAWATTAMIE IA	-37	-50	-69	09	67
				1	1.1	POWESHIEK IA					90
		1*	1.6			RINGGOLD IA					
2	.4	1	.2	2	.3	SCOTT IA	-52	81	-14	52	70
				1	1.0	SHELBY IA					89
		1	.5	1	.4	STORY IA		-11			75
1	1.1					TAYLOR IA					
		1	1.3			VAN BUREN IA					
1	.4			3*	1.2	WAPELLO IA			189	97	92
		1	1.0	2*	1.7	WARREN IA		70			94
				1	.8	WASHINGTON IA					85
4*	2.0	1	.4	1	.5	WEBSTER IA	-80	27	-74	05	78
		2*	3.2			WINNEBAGO IA					
1	.8	1	1.0	1	.8	WINNESHIEK IA	17	-13	2	66	86
3	.7	2	.4	1	.2	WOODBURY IA	-41	-49	-70	08	65
1	1.6					WORTH IA					
48	.5	49	.5	39	.4	KANSAS KS	-7	-25	-30		
1	.8			2*	2.1	ALLEN KS			177	96	96
		1	.9			ATCHISON KS					
1*	2.0					BARBER KS					
1	.7	1	.7	1	.6	BARTON KS	3	-15	-12	54	81
2	1.1	2	1.1			BUTLER KS	-4				
		1*	3.0			CHASE KS					
2	1.6					CHEROKEE KS					
		1	1.3	1	1.2	CLOUD KS		-12			91
1	.5			4*	1.7	COWLEY KS			232	98	94
3	1.2	1	.4	1	.4	CRAWFORD KS	-67	-3	-68	10	72
1*	2.6					DECATUR KS					
3*	2.4					DICKINSON KS					
				1	.6	DOUGLAS KS					80
		2*	2.2			ELLIS KS					
		1*	1.9			ELLSWORTH KS					
		2*	3.5			FINNEY KS					
				1*	2.8	GRAY KS					98
1	1.4	1	1.2			GREENWOOD KS	-14				
1	1.7	1	1.5	1*	1.4	HARPER KS	-11	-8	-18	49	93
1	.9					HARVEY KS					
		2*	2.5			JACKSON KS					
1	1.8					JEFFERSON KS					
1	.2	4	.6			JOHNSON KS	189				
				1*	3.3	KIOWA KS					98
1	.5			1	.5	LABETTE KS			13	71	79
3	1.2	1	.5	1	.4	LEAVENWORTH KS	-59	-11	-64	13	75
				1*	1.2	LINN KS					92
2	1.5	1	.6			LYON KS	-61				
1	.7					MARSHALL KS					
1	.5	4*	1.6			MONTGOMERY KS	243				

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		1	1.0	1	1.8	NEMAHA KS		70			95
		1	.7	1	.9	NEOSHO KS		24			88
		1*	1.9			OTTAWA KS					
				1*	1.7	PAWNEE KS					95
1	1.7			1*	1.5	PHILLIPS KS			-10	57	94
1	1.1			1	1.2	POTTAWATOMIE KS			5	68	92
1	.5					RENO KS					
		1	1.2	1	.8	REPUBLIC KS		-28			87
				1	.8	RILEY KS					85
				1*	2.6	RUSH KS					97
1	2.9					RUSSELL KS					
		1	.5	1	.5	SALINE KS		-8			77
10*	1.2	7	.6	6	.5	SEDGWICK KS	-46	-23	-58	18	77
2	.4	3	.5	1	.2	SHAWNEE KS	42	-70	-57	19	65
		1*	3.0	1*	2.3	THOMAS KS		-23			97
				1*	1.4	WABAUNSEE KS					93
		1	1.1			WILSON KS					
		1*	1.6			WOODSON KS					
4	.7	5	.8	5	.8	WYANDOTTE KS	26	-2	23	76	86
36	.3	43	.3	47	.3	KENTUCKY KY	8	-1	7		
1*	2.2					ANDERSON KY					
2	1.5	1	.7			BARREN KY	-55				
1*	1.9					BATH KY					
1	.6			1	.6	BELL KY			2	66	82
				1	.9	BOONE KY					88
1	1.3	1	1.4			BOURBON KY	5				
		1	.4	3*	1.4	BOYD KY		259			93
3*	3.2					BOYLE KY					
		1	1.4			BREATHITT KY					
		1	1.0			BRECKINRIDGE KY					
				2*	2.0	BULLITT KY					96
		1	1.2			CALDWELL KY					
				2	.5	CAMPBELL KY					77
		1*	2.6			CARROLL KY					
				1	1.0	CARTER KY					90
				1	1.2	CASEY KY					92
1	1.2					CLARK KY					
3	1.4			1	.3	DAVIESS KY			-77	04	70
				1*	2.1	EDMONSON KY					96
		1	1.7			ESTILL KY					
1	.3	1	.2	1	.1	FAYETTE KY	-37	-24	-52	22	64
		1	1.9	1	1.2	FLEMING KY		-35			92
				1	.6	FLOYD KY					79
1	.9	1	.9	1	.6	FRANKLIN KY	-6	-31	-35	36	81
		1*	1.6			FULTON KY					
		1*	4.4			GALLATIN KY					
1*	2.2					GARRARD KY					
		1	1.4			GRANT KY					
		2*	1.6			GREENUP KY					
1	.5			2	1.1	HARDIN KY			110	91	90
		1	.5			HARLAN KY					
1	.8			2*	1.3	HENDERSON KY			62	86	92
9	.5	7	.3	8	.3	JEFFERSON KY	-40	-4	-43	30	69
5	1.0	2	.4	2	.4	KENTON KY	-63	7	-61	16	73
				1	.6	LAUREL KY					79
		2*	3.1			LAWRENCE KY					
		1	1.6			LEWIS KY					
		1	.4	1	.4	MC CRACKEN KY		-6			72
		1	.7			MADISON KY					
		1*	5.2			MENIFEE KY					
				2*	3.6	METCALFE KY					98
		1	1.5	1	1.3	MONROE KY		-13			93
		2*	2.9	1	1.1	MONTGOMERY KY		-61			91
1	2.0	1*	1.7			MORGAN KY	-16				
		1	.8			PERRY KY					
		1	.4	1	.3	PIKE KY		-12			70
		1	.6			PULASKI KY					
		1*	1.8			ROWAN KY					
1	1.8					RUSSELL KY					
				1	1.3	SCOTT KY					92
		1	1.5	2*	2.1	TAYLOR KY		41			96
				1*	1.5	TODD KY					94
		1	1.3			UNION KY					
1	.6	1	.5	1	.5	WARREN KY	-21	1	-21	47	76
				1*	2.1	WASHINGTON KY					96
				1	1.8	WEBSTER KY					95
				1	.8	WHITLEY KY					66
				1*	3.1	WOLFE KY					98
1*	2.2					WOODFORD KY					
37	.5	31	.3	37	.3	LOUISIANA LA	-31	1	-30		
2	1.3	1	.9			ACADIA LA	-27				
				1	1.1	ALLEN LA					90
1	1.6					ASCENSION LA					
1	.9					BOSSIER LA					
1	.2	4	.6	5	.8	CADDO LA	279	28	386	99	86
1	.6	1	.2	3	.7	CALCASIEU LA	-63	218	19	74	83
		1	1.4	1*	1.5	CLAIBORNE LA		13			94
2	.7			1	.1	EAST BATON ROUGE LA			-84	01	64
1	.9					EVANGELINE LA					
				1	.9	FRANKLIN LA					88
2*	1.4			1	.8	IBERIA LA			-48	25	85
				1	1.2	IBERVILLE LA					92
		1	1.8			JACKSON LA					
1	.1	1	.2	3	.3	JEFFERSON LA	90	21	130	94	68
		1	.9			JEFFERSON DAVIS LA					
		4*	2.0			LAFAYETTE LA					
		1	.5	1	.3	LAFOURCHE LA		-27			71

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		1	1.0			NATCHITOCHES	LA					
10	.5	6	.3	9	.6	ORLEANS	LA	-41	83	8	69	79
1	.7					OUACHITA	LA					
1*	2.7					POINTE COUPEE	LA					
2	.6	2	.5			RAPIDES	LA	-15				
1	1.7					RICHLAND	LA					
				1	.4	ST BERNARD	LA					72
				1*	4.6	ST HELENA	LA					99
1*	4.6			2*	4.6	ST JOHN THE BAPT	LA			-1	64	99
2	1.7	2	1.5			ST LANDRY	LA	-7				
		1	.8	1	.7	ST MARY	LA		-9			83
1	.8	1	.6	1	.4	ST TAMMANY	LA	-33	-26	-51	23	74
		1	.7	2	.8	TANGIPAHOA	LA		18			86
				1	.6	TERREBONNE	LA					81
2	1.3					VERMILION	LA					
1	1.5					VERNON	LA					
2*	1.8					WASHINGTON	LA					
1	.9	2*	1.7	1	.6	WEBSTER	LA	82	-62	-31	39	82
17	.4	19	.4	12	.2	MAINE	ME	9	-41	-35		
1	.2	1	.2	1	.2	ANDROSCOGGIN	ME	-4	4	0	65	67
2	.7	2	.6	1	.2	AROOSTOOK	ME	-20	-56	-65	12	67
2	.2	5	.6	3	.4	CUMBERLAND	ME	150	-37	58	84	71
1	.9					FRANKLIN	ME					
1	.5					HANCOCK	ME					
2	.5	3	.7	1	.2	KENNEBEC	ME	55	-74	-59	17	65
2	1.2	3*	1.7	1	.6	KNOX	ME	47	-63	-45	28	82
1	.8					LINCOLN	ME					
1	.4	1	.4			OXFORD	ME	9				
3	.6	4	.7	2	.4	PENOBSCOT	ME	12	-50	-44	29	71
				2*	1.9	SAGADAHOC	ME					95
				1	.8	WALDO	ME					86
1	.2					YORK	ME					
30	.3	45	.4	38	.3	MARYLAND	MD	28	-31	-12		
4	1.0	4	.9			ALLEGANY	MD	-10				
		3	.6			ANNE ARUNDEL	MD					
1	.2	13	.7	7	.2	BALTIMORE	MD	360	-65	60	85	67
1	.4					CARROLL	MD					
2	1.4					CECIL	MD					
		1	.3	1	.2	FREDERICK	MD		-34			66
1	.6	1	.3	2	.5	HARFORD	MD	-56	82	-20	48	78
		1	1.0	2	.9	HOWARD	MD		-12			88
				1	1.8	KENT	MD					95
2	.3	5	.5	7	.5	MONTGOMERY	MD	76	-9	60	85	76
1	.2	3	.3	4	.4	PRINCE GEORGE'S	MD	44	10	59	85	72
		1	1.3			QUEEN ANNE'S	MD					
				1	.7	ST MARY'S	MD					84
1	1.5			1	1.1	SOMERSET	MD			-26	44	91
1	1.1					TALBOT	MD					
2	.5	1	.3	1	.2	WASHINGTON	MD	-48	-13	-55	21	67
				1	.4	WICOMICO	MD					74
14	.4	12	.4	10	.4	BALTIMORE CITY	MD	1	2	3	67	73
128	.5	87	.4	86	.3	MASSACHUSETTS	MA	-36	-4	-38		
1	.3	3	.7	1	.1	BARNSTABLE	MA	168	-88	-67	11	64
4	.6	6	.8	8*	1.0	BERKSHIRE	MA	41	28	81	88	90
8	.4	7	.3	7	.3	BRISTOL	MA	-19	-7	-24	45	70
20	.7	15	.5	9	.3	ESSEX	MA	-28	-41	-58	18	69
1	.3	1	.3			FRANKLIN	MA	2				
10	.5	9	.5	10	.5	HAMPDEN	MA	-11	4	-7	59	77
				1	.2	HAMPSHIRE	MA					65
33	.7	16	.3	14	.2	MIDDLESEX	MA	-56	-17	-64	14	67
10	.5	4	.2	13	.5	NORFOLK	MA	-68	221	2	66	78
8	.7	8	.6	4	.3	PLYMOUTH	MA	-10	-53	-57	19	69
20	.5	15	.4	9	.3	SUFFOLK	MA	-14	-31	-40	33	69
13	.5	3	.1	10	.3	WORCESTER	MA	-76	231	-29	41	70
177*	.6	121	.4	118	.3	MICHIGAN	MI	-41	-8	-46		
2	.8	1	.3	2	.7	ALLEGAN	MI	-58	101	-15	52	83
1	.9	1	.9	1	.8	ALPENA	MI	2	-14	-12	55	85
				1	1.0	ANTRIM	MI					89
1	2.1	1	1.4	1	2.0	ARENAC	MI	-34	47	-4	62	96
2*	4.8					BARAGA	MI					
		1	.6	2	1.1	BARRY	MI		92			90
5*	1.3	2	.4	1	.2	BAY	MI	-65	-63	-87	01	65
3	.6	2	.3	3	.4	BERRIEN	MI	-45	40	-24	45	75
				1	.5	BRANCH	MI					79
1	.2	1	.2	3	.5	CALHOUN	MI	11	183	212	97	77
		1	.5			CASS	MI					
1	1.3					CHARLEVOIX	MI					
		1	.7			CHIPPEWA	MI					
		1	1.2			CLARE	MI					
1	.7	1	.6			CLINTON	MI	-2				
2	1.1					DELTA	MI					
		1	.6			DICKINSON	MI					
				1	.3	EATON	MI					71
1	1.2					EMMET	MI					
4	.3	5	.3	3	.2	GENESEE	MI	8	-51	-47	26	65
1	1.2					GLADWIN	MI					
1	.5	2	1.5	2*	1.2	GOGEBIC	MI	200	-21	137	95	92
		2	1.1	1	.6	GRAND TRAVERSE	MI		-48			79
2	1.0					HILLSDALE	MI					
3	1.3	3*	1.3	2	1.0	HOUGHTON	MI	-1	-28	-29	42	89
		1	.4			HURON	MI					
7*	1.1	2	.2	5	.6	INGHAM	MI	-79	167	-43	30	81
1	.5					IONIA	MI					

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1	1.1			1	.6	IOSCO MI			-49	24	80
1	.8					ISABELLA MI					
4	.7	2	.3			JACKSON MI	-55				
2	.3	3	.4	4	.5	KALAMAZOO MI	25	28	61	85	79
1*	3.0					KALKASKA MI					
10	.7	5	.3	6	.4	KENT MI	-55	13	-49	24	71
				1*	5.4	KEWEENAW MI					99
2	1.1					LAPEER MI					
		1	.3			LENAWEE MI					
2	1.1					LIVINGSTON MI					
1*	1.8					MACKINAC MI					
2	.3	5	.3	6	.3	MACOMB MI	-6	-9	-15	52	68
1	1.2			1	.6	MANISTEE MI			-51	23	81
1	.4	2	.8			MARQUETTE MI	96				
1	.8					MECOSTA MI					
1	.7	1	.6			MENOMINEE MI	-9				
		1	.7			MIDLAND MI					
1*	2.5			1*	2.9	MISSAUKEE MI			16	73	98
2	.6			3	.6	MONROE MI			12	71	82
1	.5			1	.5	MONTCALM MI			-4	61	76
2	.4	3	.5	1	.2	MUSKEGON MI	26	-66	-57	19	65
		2*	1.6	3*	1.9	NEWAYGO MI		18			96
13	.8	9	.4	13	.4	OAKLAND MI	-55	24	-44	29	75
2*	2.0	1	1.0			OCEANA MI	-53				
1	1.4					OGEMAW MI					
				3*	2.9	OSCEOLA MI					98
		1*	3.7			OSCODA MI					
		1*	2.0	1*	1.5	OTSEGO MI		-22			94
2	.5	2	.5	1	.2	OTTAWA MI	-13	-54	-60	16	66
1	1.4					PRESQUE ISLE MI					
				1	.7	ROSCOMMON MI					84
8*	1.3	6	.8	2	.3	SAGINAW MI	-35	-69	-80	02	68
		3	.6	2	.3	ST CLAIR MI		-39			71
1	.5			3*	1.2	ST JOSEPH MI			167	96	92
1*	2.5					SCHOOLCRAFT MI					
2	.8	2	.8	1	.3	SHIAWASSEE MI	-3	-66	-67	10	68
1	.4			2	.9	TUSCOLA MI			110	92	88
1	.1	4	.6			WASHTENAW MI	310				
68*	.7	38	.4	31	.4	WAYNE MI	-45	-6	-49	25	72
1	1.5			1	.9	WEXFORD MI			-39	34	87
66	.4	81	.5	58	.3	MINNESOTA MN	8	-34	-29		
1	1.3					AITKIN MN					
		2	.6	1	.3	ANOKA MN		-45			70
2	1.9	1	.9	1	.6	BECKER MN	-54	-37	-71	07	79
				1	.9	BELTRAMI MN					87
1	1.6	1	1.0			BENTON MN	-37				
		2	1.0			BLUE EARTH MN					
				2*	1.1	BROWN MN					90
1	.8					CARLTON MN					
		1	1.0			CHIPPEWA MN					
2	1.3	1	.6	2	1.0	CLAY MN	-53	62	-24	45	89
1	1.9					CLEARWATER MN					
1	.5					CROW WING MN					
1	.3	1	.3			DAKOTA MN	16				
				1	1.1	DODGE MN					91
		1	.6	2*	1.1	DOUGLAS MN		80			91
1	.6					FILLMORE MN					
		1	.5			FREEBORN MN					
2	1.1	1	.4	1	.5	GOODHUE MN	-58	24	-48	25	79
9	.3	22	.6	11	.3	HENNEPIN MN	123	-53	6	68	69
1	1.2			1	.9	HOUSTON MN			-27	43	88
1	1.3					ISANTI MN					
1	.9	1	.5	1	.4	ITASCA MN	-48	-17	-57	19	73
		1	1.7			KANABEC MN					
1	.5	1	.5			KANDIYOHI MN	-2				
3*	2.7			1	1.0	KOOCHICHING MN			-62	15	89
1*	1.7					LAKE MN					
				1	.9	LYON MN					88
				1	.6	MC LEOD MN					79
				1	1.1	MARSHALL MN					90
1	1.4					MARTIN MN					
1	.9					MEEKER MN					
		2*	1.7	2*	1.7	MILLE LACS MN		3			94
1	.8					MORRISON MN					
		1	.4	2	.8	MOWER MN		87			86
1	.9	1	.9			NOBLES MN	-3				
1	.4	3	1.1	2	.6	OLMSTED MN	180	-41	66	86	82
		1	.4	1	.2	OTTER TAIL MN		-35			67
1	1.4					PENNINGTON MN					
1	.8			2*	1.5	PINE MN			91	89	94
		2	.9	1	.5	POLK MN		-41			79
16*	1.0	5	.3	4	.2	RAMSEY MN	-74	-19	-79	03	66
		2*	1.3			RENVILLE MN					
				2	.9	RICE MN					87
		2*	3.1			ROCK MN					
10	.8	16*	1.3	3	.2	ST LOUIS MN	55	-82	-72	06	67
				1	.4	SCOTT MN					73
		1	1.3	1	.6	SHERBURNE MN		-54			81
		1	.4	1	.2	STEARNS MN		-31			67
		2*	1.2	1	.6	TODD MN		-49			81
				1	.9	WABASHA MN					87
1	.5	1	.4	3*	.7	WASHINGTON MN	-7	66	54	84	64
				1*	2.1	WILKIN MN					96
2	.9	1	.5			WINONA MN	-47				
		2	1.1	2	.8	WRIGHT MN		-28			85
		1	1.1			YELLOW MEDICINE MN					
16	.3	25	.4	19	.3	MISSISSIPPI MS	34	-34	-11		

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1	1.8	1	1.7	ADAMS MS		-4			94
				1*	4.4	BENTON MS					99
				1	1.1	BOLIVAR MS					91
1	1.5					CALHOUN MS					
1*	2.3					CHOCTAW MS					
		1*	1.6	1*	1.8	CLARKE MS		11			95
1	1.4					COPIAH MS					
1	.7					FORREST MS					
1	.3	2	.5	1	.2	HARRISON MS	58	-49	-20	47	67
2	.4	1	.3	1	.2	HINDS MS	-13	-54	-60	17	65
1*	2.6	1*	2.3			HOLMES MS	-15				
		2	.8	1	.3	JACKSON MS		-65			69
		1*	1.9			JASPER MS					
		1*	3.1			KEMPER MS					
1	1.9					LAFAYETTE MS					
				1	1.5	LAMAR MS					94
		2	1.0			LAUDERDALE MS					
				1	.6	LEE MS					80
1	1.3					LOWNDES MS					
		1*	1.9			MADISON MS					
				1	1.0	MARION MS					90
1	1.0					MONROE MS					
				1	1.0	NESHOBA MS					89
		1	1.3			NEWTON MS					
				1	1.3	PANOLA MS					92
				1	1.0	PEARL RIVER MS					90
		1*	5.0			PERRY MS					
		2*	1.8			PIKE MS					
1	1.2	1	1.1			PONTOTOC MS	-9				
				1	1.0	PRENTISS MS					89
		1	.7			RANKIN MS					
1	2.0			1	1.1	SCOTT MS			-44	29	91
		1	1.2	1	1.6	SIMPSON MS		34			94
		1	1.5			SMITH MS					
		1*	3.5			STONE MS					
1	1.4					SUNFLOWER MS					
1*	2.4					TALLAHATCHIE MS					
		1*	2.5			WALTHALL MS					
1	1.3	1	1.8	2*	1.5	WARREN MS	33	-17	10	70	93
		1*	1.8			WEBSTER MS					
				1*	2.0	YAZOO MS					96
72	.4	67	.3	80	.4	MISSOURI MO	-12	15	0		
		1	1.0			ADAIR MO					
		1	1.5			ANDREW MO					
1	1.7					ATCHISON MO					
1	.8					AUDRAIN MO					
1	.7			1	.7	BARRY MO			-5	60	82
				1	2.3	BARTON MO					97
1	1.2	1	.9			BATES MO	-26				
2	1.0	2	.9	1	.4	BOONE MO	-11	-57	-62	16	73
3	.6	1	.3	1	.2	BUCHANAN MO	-50	-32	-66	11	66
1	.4			1	.5	BUTLER MO			19	74	79
1	1.2					CALDWELL MO					
		1	.8			CALLAWAY MO					
		1	1.0			CAMDEN MO					
		2	.9	1	.3	CAPE GIRARDEAU MO		-63			71
1	.9			2*	1.9	CARROLL MO			111	92	95
				1	.6	CASS MO					81
		1	1.2			CEDAR MO					
				1	1.0	CHRISTIAN MO					89
2	.9			1	.3	CLAY MO			-72	06	68
		1	1.1			CLINTON MO					
				1	.5	COLE MO					77
		1	1.4			DADE MO					
		1	1.0			DAVIESS MO					
		1	1.3			DOUGLAS MO					
1	.5	1	.5			DUNKLIN MO	-4				
1	.6	2	.8			FRANKLIN MO	27				
		1	1.1			GASCONADE MO					
1	.2	1	.2	1	.1	GREENE MO	-10	-27	-34	38	64
		1	1.3	1	1.2	GRUNDY MO		-13			91
1	.8					HARRISON MO					
		1	.9			HENRY MO					
1	1.3					HOLT MO					
				1	.6	HOWELL MO					80
9	.4	5	.2	13	.6	JACKSON MO	-50	187	44	82	79
		2	.4	2	.4	JASPER MO		-7			74
1	.4			2	.5	JEFFERSON MO			9	70	76
1	.8	1	.8			JOHNSON MO	-2				
1*	1.9					KNOX MO					
		1	.7			LAFAYETTE MO					
1	.5	1	.8			LAWRENCE MO	53				
1	1.3	1	1.4			LINCOLN MO	2				
				1	.7	LINN MO					83
1	.5			1	.6	MARION MO			15	72	81
		1	1.1			MILLER MO					
1	1.1					MONITEAU MO					
				2*	2.7	MONROE MO					98
1	1.7					MONTGOMERY MO					
				1	.9	MORGAN MO					88
				1	.5	NEWTON MO					77
1	.6	1	1.1			NODAWAY MO	103				
		1	1.2	1	1.4	OREGON MO		14			93
1	1.5					OSAGE MO					
				2*	3.1	OZARK MO					98
				1	.9	PERRY MO					88
				4*	1.8	PETTIS MO					95
		2*	1.6			PHELPS MO					
1	1.1					PLATTE MO					

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WHITE MALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	.8	1	.5			RANDOLPH	MO	-37				
		1	1.1			RAY	MO					
				1	1.1	RIPLEY	MO					90
		2	.5	2	.3	ST CHARLES	MO		-32			70
		1	.5	2	.8	ST FRANCOIS	MO		61			87
8	.5	8	.3	17	.4	ST LOUIS COUNTY	MO	-44	66	-6	59	75
				1	.5	SALINE	MO					78
1*	4.0					SCHUYLER	MO					
		1*	2.3			SHANNON	MO					
		1	.8			STODDARD	MO					
1	1.9					STONE	MO					
1	1.3			1*	1.9	SULLIVAN	MO			41	81	95
1	1.5					TANEY	MO					
1	.8			1	1.1	TEXAS	MO			43	82	91
				1	.6	VERNON	MO					81
				1	1.3	WASHINGTON	MO					93
		1	.9	1	1.1	WRIGHT	MO		17			90
19	.5	13	.5	6	.3	ST LOUIS CITY	MO	-16	-34	-45	28	69
9	.3	7	.2	9	.3	MONTANA	MT	-22	22	-5		
1	.4	1	.4	1	.3	CASCADE	MT	-5	-25	-29	42	68
1	1.0					CUSTER	MT					
1*	2.7	1*	1.7			DAWSON	MT	-35				
1	1.0					DEER LODGE	MT					
1	1.2					FERGUS	MT					
		1	.5			FLATHEAD	MT					
				1	1.0	GALLATIN	MT					89
				1*	2.9	GLACIER	MT					98
		1	1.5			HILL	MT					
1	1.0					LAKE	MT					
		2*	1.4	1	.7	LEWIS AND CLARK	MT		-53			83
1*	1.8					LINCOLN	MT					
				1	.4	MISSOULA	MT					72
				1	1.2	PARK#	MT					92
1*	2.8					ROSEBUD	MT					
				1	.4	SILVER BOW	MT					73
1	.4	1	.3	2	.5	YELLOWSTONE	MT	-29	93	38	80	78
34	.5	39	.5	27	.3	NEBRASKA	NB	11	-37	-30		
1	.5			1	.5	ADAMS	NB			1	65	79
2*	3.2			2*	3.0	ANTELOPE	NB			-4	61	98
		1	.8	1	.5	BUFFALO	NB		-39			77
1	1.5					BURT	NB					
				2*	2.1	BUTLER	NB					96
1	.9					CASS	NB					
				1*	4.1	CHASE	NB					99
1	1.1	1	.9	2*	1.5	DAWSON	NB	-15	54	31	78	93
		1*	5.0			DEUEL	NB					
1	.6					DODGE	NB					
8	.6	14*	1.0	8	.6	DOUGLAS	NB	63	-44	-9	57	80
		1	1.3	1*	2.2	FILLMORE	NB		68			97
		1*	1.6			FURNAS	NB					
3*	1.9			1	.5	GAGE	NB			-76	04	76
		1	.5	1	.5	HALL	NB		5			78
		1*	2.3			HAMILTON	NB					
1*	2.1					KEARNEY	NB					
1*	2.7					KEITH	NB					
1	1.3	1	1.6	1	1.1	KNOX	NB	18	-30	-17	50	91
3	.5	4	.6	2	.3	LANCASTER	NB	30	-52	-37	35	69
		2*	1.3			LINCOLN	NB					
		1*	2.4			NANCE	NB					
2*	3.8	2*	3.3			NUCKOLLS	NB	-12				
1	1.0					OTOE	NB					
1*	2.2					PIERCE	NB					
1	.9	1	.8			PLATTE	NB	-9				
				1*	1.7	POLK	NB					95
1	1.3					RED WILLOW	NB					
				1	1.1	RICHARDSON	NB					91
		1*	4.9			ROCK	NB					
1	1.0			1	.7	SAUNDERS	NB			-25	45	85
2	1.5	3*	2.0			SCOTTS BLUFF	NB	34				
		1*	2.8			THURSTON	NB					
1	1.5					WASHINGTON	NB					
				1*	2.4	WAYNE	NB					97
		1*	13.7			WHEELER	NB					
		1	1.6			YORK	NB					
5	.7	2	.1	10	.4	NEVADA	NV	-86	333	-41		
2	.4	2	.2	8	.5	CLARK	NV	-59	206	26	77	79
1*	8.1					LANDER	NV					
2	1.1			2	.4	WASHOE	NV			-65	12	72
10	.4	7	.2	7	.2	NEW HAMPSHIRE	NH	-40	-14	-49		
2	1.5					BELKNAP	NH					
				1	.3	CHESHIRE	NH					71
		2	.7			GRAFTON	NH					
2	.2	1	.1	2	.2	HILLSBOROUGH	NH	-54	98	-10	57	66
2	.6	1	.3			MERRIMACK	NH	-54				
3	.7			2	.3	ROCKINGHAM	NH			-62	15	68
		2	.6	2	.6	STRAFFORD	NH		4			82
1	.7	1	.6			SULLIVAN	NH	-6				
142*	.6	117	.4	135*	.4	NEW JERSEY	NJ	-34	5	-31		
3	.4	6	.7	4	.4	ATLANTIC	NJ	56	-39	-6	60	74
13	.5	21	.6	11	.3	BERGEN	NJ	23	-55	-44	28	68
3	.7	3	.5	7	.6	BURLINGTON	NJ	-34	28	-15	51	80

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COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
11	.8	8	.5	4	.2	CAMDEN	NJ	-39	-60	-76	05	65
		2	.5	2	.4	CAPE MAY	NJ		-19			73
5*	1.1	2	.4	3	.7	CUMBERLAND	NJ	-62	54	-41	32	82
21	.6	13	.3	20*	.6	ESSEX	NJ	-44	81	1	66	82
3	.7	2	.4	3	.5	GLOUCESTER	NJ	-44	25	-30	41	77
16	.6	11	.3	14	.5	HUDSON	NJ	-39	42	-13	54	77
1	.5	1	.3	2	.6	HUNTERDON	NJ	-30	81	27	77	80
5	.5	6	.5	6	.4	MERCER	NJ	-10	-8	-18	50	75
9	.6	6	.4	8	.4	MIDDLESEX	NJ	-44	7	-40	33	72
13*	1.1	4	.2	4	.2	MONMOUTH	NJ	-79	-17	-82	01	65
9*	1.1	6	.5	9	.6	MORRIS	NJ	-55	34	-39	33	82
3	.7	4	.5	4	.2	OCEAN	NJ	-30	-63	-74	05	65
8	.4	4	.2	10	.5	PASSAIC	NJ	-46	135	26	77	78
2	.9			1	.3	SALEM	NJ			-64	14	70
2	.4	3	.4	2	.2	SOMERSET	NJ	-4	-48	-50	24	66
2	.8	3	.8	2	.5	SUSSEX	NJ	4	-45	-43	30	76
11	.6	11	.5	17*	.7	UNION	NJ	-28	54	10	70	83
2	.6	1	.3	2	.5	WARREN	NJ	-55	88	-15	52	78
8	.3	10	.4	19	.5	NEW MEXICO	NM	13	46	65		
2	.3	4	.6	6	.7	BERNALILLO	NM	84	12	106	91	83
3*	2.0	1	.5			CHAVES	NM	-74				
				4*	2.0	DONA ANA	NM					96
		1	1.1			EDDY	NM					
				1	1.3	GRANT	NM					92
		1*	4.1			GUADALUPE	NM					
1	.8	1	.5			LEA	NM	-37				
				2*	3.6	QUAY	NM					98
				1	1.6	RIO ARRIBA	NM					94
1*	3.4					SANDOVAL	NM					
				2*	1.3	SAN JUAN	NM					93
		1	1.5			TAOS	NM					
				1*	3.3	TORRANCE	NM					98
1*	2.9	1*	2.8			UNION	NM	-1				
				2*	1.3	VALENCIA	NM					92
432*	.6	436*	.6	336*	.4	NEW YORK	NY	-7	-22	-28		
3	.2	4	.3	6	.4	ALBANY	NY	46	39	103	91	75
3*	1.4	2	.9	1	.5	ALLEGANY	NY	-40	-47	-68	09	76
39	.6	29	.5	27*	.5	BRONX	NY	-22	11	-13	53	78
1	.2	1	.1	3	.3	BROOME	NY	-43	242	95	90	70
3	.8	1	.3	3	.8	CATTARAUGUS	NY	-63	149	-7	58	86
		1	.3			CAYUGA	NY					
4	.7	5	.6	5	.6	CHAUTAUQUA	NY	-4	1	-3	62	82
1	.2	2	.4	1	.3	CHEMUNG	NY	105	-39	25	77	68
1	.4					CHENANGO	NY					
		1	.4	1	.4	CLINTON	NY		2			72
3	1.1	3	1.0	1	.3	COLUMBIA	NY	-2	-72	-73	06	69
1	.5			1	.5	CORTLAND	NY			-10	56	77
2	.9					DELAWARE	NY					
4	.5	2	.2	1	.1	DUTCHESS	NY	-62	-44	-79	03	64
33*	.8	27	.6	24	.5	ERIE	NY	-20	-13	-30	40	78
1	.5			1	.5	ESSEX	NY			-3	63	78
		1	.5			FRANKLIN	NY					
1	.3	2	.7	1	.3	FULTON	NY	104	-57	-12	55	69
		3	1.1	2	.7	GENESEE	NY		-36			84
1	.5	2	1.1	2	.8	GREENE	NY	142	-25	81	88	86
		1*	4.7			HAMILTON	NY					
3	.8	1	.3	1	.3	HERKIMER	NY	-68	3	-67	11	68
1	.2	1	.2	2	.5	JEFFERSON	NY	5	110	120	93	76
76*	.6	58	.5	55*	.6	KINGS(BROOKLYN)	NY	-22	19	-6	59	80
		1	.5			LIVINGSTON	NY					
2	.8			1	.4	MADISON	NY			-57	20	72
13	.5	10	.4	14	.5	MONROE	NY	-24	27	-3	62	77
3	.9	2	.6	2	.6	MONTGOMERY	NY	-42	2	-41	32	80
22	.7	29	.6	25	.5	NASSAU	NY	-12	-21	-30	40	76
72*	.9	104*	1.4	31*	.5	NEW YORK(MANHATTAN)	NY	55	-63	-43	30	78
5	.4	5	.5	6	.5	NIAGARA	NY	12	5	18	73	78
7	.6	3	.2	3	.2	ONEIDA	NY	-63	5	-62	15	67
13	.7	11	.6	5	.3	ONONDAGA	NY	-16	-57	-64	13	68
1	.3	2	.5	1	.2	ONTARIO	NY	40	-49	-28	43	67
2	.2	2	.2	4	.4	ORANGE	NY	-5	100	89	89	74
				1	.6	ORLEANS	NY					81
		2	.5	2	.5	OSWEGO	NY		-2			76
2	.6	3	1.0			OTSEGO	NY	69				
2	1.6			1	.4	PUTNAM	NY			-77	04	72
40	.5	41	.5	41	.4	QUEENS	NY	-12	-13	-23	46	74
4	.5	2	.3	1	.1	RENSSELAER	NY	-46	-55	-76	05	64
7	.7	4	.4	6	.4	RICHMOND	NY	-48	28	-34	37	76
		4	.5	2	.3	ROCKLAND	NY		-46			68
1	.2	1	.2	3	.6	ST LAWRENCE	NY	2	215	221	97	82
1	.3	3	.7			SARATOGA	NY	143				
4	.6	3	.4	2	.2	SCHENECTADY	NY	-38	-38	-62	15	66
1	.7	2*	1.3			SCHOHARIE	NY	85				
6*	3.6					SENECA	NY					
4	.8	3	.6			STEUBEN	NY	-26				
10	.4	18	.5	21	.5	SUFFOLK	NY	25	-14	8	69	76
1	.3	2	.6	1	.2	SULLIVAN	NY	93	-63	-28	43	67
2	1.3	1	.7			TIOGA	NY	-48				
1	.4	1	.4			TOMPKINS	NY	-14				
1	.2	4	.7	3	.4	ULSTER	NY	173	-32	86	88	76
2	.9			3*	1.3	WARREN	NY			44	82	93
3	1.1					WASHINGTON	NY					
1	.3	1	.3			WAYNE	NY	5				
15	.5	21	.6	17	.4	WESTCHESTER	NY	13	-26	-16	50	74
2	1.0	1	.6	1	.6	WYOMING	NY	-45	-1	-45	27	80
1	1.0	3*	2.7	1	.9	YATES	NY	174	-67	-10	56	87

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
38	.4	39	.3	38	.2	NORTH CAROLINA NC	-27	-23	-43		
				1	.2	ALAMANCE NC					67
1	1.6					ALEXANDER NC					
				1	1.2	ANSON NC					92
		1	.9			ASHE NC					
		1*	1.8			AVERY NC					
2	.4	2	.3			BUNCOMBE NC	-13				
1	.7	1	.4	1	.3	BURKE NC	-40	-18	-51	23	70
1	.4	1	.4	1	.5	CALDWELL NC	15	22	40	81	78
				1*	5.0	CAMDEN NC					99
				1	.2	CATAWBA NC					67
				1	1.2	CHEROKEE NC					91
		3*	9.0			CLAY NC					
		1	.4			CLEVELAND NC					
1	.9					COLUMBUS NC					
				1	1.0	CRAVEN NC					89
1	.6			1	.2	DAVIDSON NC			-64	13	67
2	.6	2	.5	2	.3	FORSYTH NC	-26	-44	-58	18	68
		1	1.3			FRANKLIN NC					
		3	1.0	3	.5	GASTON NC		-50			77
1	.2	2	.2	1	.1	GUILFORD NC	10	-54	-49	24	64
		2*	1.5			HARNETT NC					
1	.7			2	.8	HAYWOOD NC			18	74	87
1	.5					IREDELL NC					
		1	1.1			JACKSON NC					
		2*	2.0			LEE NC					
				1	.8	LENOIR NC					86
				1	.7	LINCOLN NC					84
1	.9			1	.7	MC DOWELL NC			-20	48	84
1	1.2					MACON NC					
1	1.2	1	1.1			MADISON NC	-7				
5	1.7	1	.1	1	.1	MECKLENBURG NC	-93	-15	-94	00	64
				1	.4	MOORE NC					72
				1	.4	NASH NC					74
		2	.7			NEW HANOVER NC					
		1*	1.9			NORTHAMPTON NC					
1	1.6			1	.2	ONSLOW NC			-88	00	65
2*	3.4	1	1.4			PASQUOTANK NC	-59				
1	1.0					PERSON NC					
2*	2.4					PITT NC					
		1*	1.7	2*	2.9	POLK NC		74			98
				2	.6	RANDOLPH NC					81
1	1.3					RICHMOND NC					
				1	.3	ROCKINGHAM NC					68
2	.9			2	.5	ROWAN NC			-46	27	77
				1	.5	RUTHERFORD NC					78
		1	.6			SAMPSON NC					
1	.9	2	1.1	2	.9	STANLY NC	26	-20	0	65	88
		1	1.0			STOKES NC					
1	.6			1	.5	SURRY NC			-15	52	79
1	1.7					TRANSYLVANIA NC					
1	.8	1	.6	1	.5	UNION NC	-25	-25	-43	30	77
1	.3	4	.9	1	.1	WAKE NC	233	-68	-61	16	64
1*	2.2					WASHINGTON NC					
1	1.8					WATAUGA NC					
				1	.5	WILKES NC					76
1	1.0					WILSON NC					
1	1.5					YANCEY NC					
14	.5	15	.5	12	.4	NORTH DAKOTA ND	3	-20	-18		
		1	1.0	1	1.7	BARNES ND		79			95
		1*	4.8			BOWMAN ND					
2*	4.3					BURKE ND					
		2	.6	2	.6	CASS ND		-4			80
1	1.7					CAVALIER ND					
				1*	3.0	EMMONS ND					98
1	.5	2	1.0	1	.5	GRAND FORKS ND	79	-52	-13	53	77
1*	4.0					GRANT ND					
		1*	2.6	1*	2.0	LA MOURE ND		-22			96
		1*	3.7			LOGAN ND					
		1*	3.0			MC INTOSH ND					
1	1.5	1*	2.4	1*	1.8	MOUNTRAIL ND	66	-28	21	75	95
		1	1.2			PEMBINA ND					
2*	2.8					RAMSEY ND					
1	1.6					RANSOM ND					
1	.9					RICHLAND ND					
		1*	2.4	1*	2.7	SARGENT ND		13			98
				1*	5.2	SHERIDAN ND					99
		1	1.3			STARK ND					
		1*	3.6			TOWNER ND					
1	1.0			2*	2.4	WALSH ND			134	94	97
1	.6	1	.5	1	.5	WARD ND	-13	-9	-22	47	78
1*	2.0					WELLS ND					
1	1.3					WILLIAMS ND					
199	.5	205*	.5	174	.4	OHIO OH	-7	-19	-25		
				1	.9	ADAMS OH					88
3	.7	2	.4	2	.4	ALLEN OH	-37	0	-37	36	76
1	.6	2	1.0			ASHLAND OH	76				
				1	.2	ASHTABULA OH					66
1	.6					AUGLAIZE OH					
6*	1.3	4	.9	1	.2	BELMONT OH	-26	-75	-81	02	67
		1	.6			BROWN OH					
3	.5	5	.6	7*	.7	BUTLER OH	15	19	36	80	84
				1	.9	CARROLL OH					87
2	.4	4	.7	4	.6	CLARK OH	84	-13	59	85	82
		4*	1.4	1	.2	CLERMONT OH		-85			66

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1	.7			CLINTON OH					
4	.8					COLUMBIANA OH					
		2	1.3	1	.6	COSHOCTON OH		-56			80
2	1.0			2	.9	CRAWFORD OH			-12	54	87
45*	.8	30	.5	27	.4	CUYAHOGA OH	-42	-10	-48	25	74
1	.4	3*	1.2	1	.4	DARKE OH	226	-64	16	73	75
1	.8					DEFIANCE OH					
1	.5					DELAWARE OH					
1	.4			1	.3	ERIE OH			-16	51	69
1	.3	5*	1.6	1	.3	FAIRFIELD OH	350	-83	-24	46	68
				1	.8	FAYETTE OH					85
6	.3	12	.5	11	.4	FRANKLIN OH	70	-26	25	76	72
				1	.8	FULTON OH					85
		1	.7			GALLIA OH					
		1	.3	1	.4	GEAUGA OH		18			72
2	.5			2	.5	GREENE OH			6	69	79
1	.4					GUERNSEY OH					
24*	.8	23*	.7	19*	.6	HAMILTON OH	-17	-14	-29	41	80
2	.8	2	.8			HANCOCK OH	-7				
		1	.6			HARDIN OH					
				2*	2.0	HARRISON OH					96
				1	.7	HENRY OH					83
1	.6					HIGHLAND OH					
1	1.2					HOLMES OH					
1	.5	2	.9			HURON OH	93				
2	.4	4	1.0	1	.2	JEFFERSON OH	139	-77	-44	29	67
1	.5	1	.5	1	.5	KNOX OH	3	-11	-8	58	77
		3	.4	5	.5	LAKE OH		6			77
		1	.4	1	.4	LAWRENCE OH		-4			72
		1	.2			LICKING OH					
2	1.0	2	1.0			LOGAN OH	3				
8*	1.3	7*	.9	3	.3	LORAIN OH	-31	-62	-74	06	71
8	.4	13	.7	8	.4	LUCAS OH	66	-41	-1	64	73
9	.7	3	.2	3	.2	MAHONING OH	-69	-4	-70	08	66
1	.4	1	.3			MARION OH	-22				
1	.5	3	1.0	2	.6	MEDINA OH	119	-45	20	75	79
				1	1.0	MEIGS OH					90
		1	.6			MERCER OH					
				1	.3	MIAMI OH					70
1	1.0					MONROE OH					
12	.8	11	.6	8	.4	MONTGOMERY OH	-20	-40	-51	22	73
1	.3			2	.5	MUSKINGUM OH			105	91	78
		1	.5	1	.6	OTTAWA OH		12			80
				1	1.1	PAULDING OH					91
1	.5			1	.7	PERRY OH			38	60	85
3*	2.1	1	.7			PICKAWAY OH	-68				
3	1.1			2	.4	PORTAGE OH			-66	11	72
		2	1.4			PREBLE OH					
1	.7					PUTNAM OH					
2	.4	2	.5	2	.4	RICHLAND OH	13	-2	10	70	75
		1	.4			ROSS OH					
1	.4	2	.8	1	.4	SANDUSKY OH	90	-50	-6	60	74
1	.2	1	.2	1	.2	SCIOTO OH	-5	-2	-7	59	66
1	.4	2	.7	2	.7	SENECA OH	111	-3	105	91	84
		1	.7	1	.5	SHELBY OH		-20			79
9	.6	8	.5	7	.4	STARK OH	-10	-19	-27	43	76
9	.5	17*	.7	11	.5	SUMMIT OH	58	-37	0	65	76
2	.2	2	.2	4	.4	TRUMBULL OH	-2	109	104	91	75
1	.3	5*	1.3	1	.2	TUSCARAWAS OH	393	-82	-11	55	67
		1	.9	2*	1.6	UNION OH		73			94
1	.6	1	.6	1	.7	VAN WERT OH	-2	4	3	66	83
1	.6			2	.5	WARREN OH			-14	53	77
2	.9			3*	1.1	WASHINGTON OH			17	73	90
2	.7			3	.8	WAYNE OH			24	76	86
1	.7					WILLIAMS OH					
1	.3	1	.3	3	1.0	WOOD OH	-9	199	173	96	88
1	1.0	1	1.0			WYANDOT OH	2				
40	.4	40	.4	61*	.5	OKLAHOMA OK	-11	33	19		
		2*	5.3			BEAVER OK					
		2*	1.7			BECKHAM OK					
				1	1.2	BLAINE OK					91
		3*	1.9			BRYAN OK					
2	1.2	2	1.3	2*	1.1	CADDO OK	10	-13	-4	61	91
				1	.5	CANADIAN OK					79
1	.5	2	1.0	2	1.1	CARTER OK	108	4	117	93	90
				1	.8	CHEROKEE OK					86
2	1.2			2	.7	COMANCHE OK			-39	34	84
				1*	2.0	COTTON OK					96
1	1.0	1	.9			CRAIG OK	-12				
1	.5	1	.5			CREEK OK	-2				
				3*	2.0	DELAWARE OK					96
4*	1.7			1	.3	GARFIELD OK			-80	02	71
1	.6					GRADY OK					
				2*	3.8	GRANT OK					99
		1*	1.7			HASKELL OK					
				1	.4	KAY OK					72
				1	1.3	KIOWA OK					92
1	.6			1	.4	LE FLORE OK			-32	39	75
1	.8			1	.9	LINCOLN OK			8	69	87
		2*	1.7			LOGAN OK					
		2*	5.2			LOVE OK					
				1	1.4	MC CLAIN OK					93
1	1.6					MC INTOSH OK					
		2*	1.5			MAYES OK					
2	.8	1	.4	3*	1.2	MUSKOGEE OK	-55	236	53	84	92
1	1.4					NOBLE OK					
		1	2.2			NOWATA OK					
4	.4	7	.4	9	.5	OKLAHOMA OK	-2	13	11	71	76
1	.5					OKMULGEE OK					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1	.7			1	.6	OSAGE	OK			-7	58	82
		1	.7			OTTAWA	OK					
				2*	2.4	PAWNEE	OK					97
1	.6	1	.5	1	.4	PAYNE	OK	-17	-18	-33	38	74
1	.6					PITTSBURG	OK					
				1	.6	PONTOTOC	OK					80
2	.9	1	.4			POTTAWATOMIE	OK	-52				
				1*	1.4	PUSHMATAHA	OK					93
1	.9	1	.8	2*	2.4	SEMINOLE	OK	-7	198	178	96	97
				2*	1.8	SEQUOYAH	OK					95
2	1.2			1	.4	STEPHENS	OK			-65	13	74
				2*	2.6	TEXAS	OK					97
2*	2.8					TILLMAN	OK					
5	.5	6	.4	10	.6	TULSA	OK	-23	57	21	75	82
1	.7	1	.5	3*	1.4	WASHINGTON	OK	-33	192	97	90	93
				2*	2.1	WASHITA	OK					96
1	1.3					WOODWARD	OK					
31	.4	38	.4	38	.3	OREGON	OR	3	-15	-12		
				3*	1.7	BENTON	OR					95
3	.7	5	.8	2	.2	CLACKAMAS	OR	11	-73	-70	07	66
1	.6					CLATSOP	OR					
		1	.7	1	.6	COLUMBIA	OR		-11			81
1	.4	1	.5	2	.6	COOS	OR	29	12	44	82	81
1*	2.1			1	1.0	CURRY	OR			-53	22	89
		2	.7			DOUGLAS	OR					
1*	2.9					GRANT	OR					
1	.2	1	.2	1	.3	JACKSON	OR	-9	25	14	72	68
		1	.5			JOSEPHINE	OR					
1	.6	2	.8	1	.4	KLAMATH	OR	34	-53	-37	36	71
2	.3	1	.1	4	.4	LANE	OR	-55	164	19	74	73
1	.8	1	.5	2	.8	LINCOLN	OR	-39	63	0	65	86
		1	.4			LINN	OR					
1	.6					MALHEUR	OR					
		2	.3	2	.3	MARION	OR		-2			68
10	.4	13	.5	10	.4	MULTNOMAH	OR	17	-20	-6	60	73
1	1.0			3*	1.5	POLK	OR			51	83	94
2*	2.1	2*	2.0			TILLAMOOK	OR	-3				
2*	2.3					UNION	OR					
3	.7	3	.6	5	.8	WASHINGTON	OR	-19	26	2	66	85
		2	1.0	1	.4	YAMHILL	OR		-62			73
251	.5	235	.5	204	.4	PENNSYLVANIA	PA	-13	-17	-28		
				2	.7	ADAMS	PA					83
34	.5	38	.5	20	.3	ALLEGHENY	PA	9	-49	-44	29	68
				1	.2	ARMSTRONG	PA					67
		4	.4	4	.4	BEAVER	PA		4			75
		1	.5	2	.9	BEDFORD	PA		77			87
7	.5	11*	.7	10	.6	BERKS	PA	40	-20	12	71	80
4	.5	3	.5	6*	.8	BLAIR	PA	-14	76	51	83	86
				1	.3	BRADFORD	PA					71
3	.4	9	.7	6	.3	BUCKS	PA	86	-52	-11	55	70
2	.4	2	.4	2	.3	BUTLER	PA	-3	-21	-24	45	70
4	.4	7	.7	2	.2	CAMBRIA	PA	82	-72	-49	24	65
2	.6	2	.7			CARBON	PA	4				
1	.8	2	.8	1	.3	CENTRE	PA	-1	-67	-68	10	68
4	.5	3	.3	5	.4	CHESTER	PA	-52	58	-23	46	74
				1	.5	CLARION	PA					78
2	.5	3	.7			CLEARFIELD	PA	42				
1	.6	1	.6	2	1.2	CLINTON	PA	-4	105	98	90	91
		1	.4			COLUMBIA	PA					
1	.3	2	.5			CRAWFORD	PA	83				
4	.9			4	.6	CUMBERLAND	PA			-33	38	81
2	.2			3	.3	DAUPHIN	PA			29	78	69
17*	.9	7	.3	7	.3	DELAWARE	PA	-60	-17	-67	10	69
		1	.6			ELK	PA					
9	.9	6	.6	7	.6	ERIE	PA	-31	0	-31	39	81
2	.3	6	.7	4	.5	FAYETTE	PA	170	-30	89	88	77
1	.2	4	1.0	2	.4	FRANKLIN	PA	381	-63	78	87	72
		1*	1.8	1*	2.1	FULTON	PA		19			96
		1	.5	2	.9	HUNTINGDON	PA		82			88
1	.3					INDIANA	PA					
1	.4	2	.7	3*	1.2	JEFFERSON	PA	104	68	244	98	92
11*	1.0	3	.3	6	.4	LACKAWANNA	PA	-70	49	-55	21	76
3	.2	4	.3	9	.6	LANCASTER	PA	18	96	132	94	80
1	.2	1	.2	1	.2	LAWRENCE	PA	-5	1	-4	61	66
2	.5	7*	1.6	4	.8	LEBANON	PA	216	-52	52	83	85
4	.4	5	.4	4	.3	LEHIGH	PA	17	-24	-11	56	70
7	.5	7	.3	5	.2	LUZERNE	PA	-28	-30	-49	24	67
3	.6			2	.3	LYCOMING	PA			-38	34	71
4*	1.5			1	.3	MC KEAN	PA			-79	02	70
2	.4	2	.4	1	.1	MERCER	PA	-1	-63	-63	14	64
2	1.1	2	1.1	1	.5	MIFFLIN	PA	5	-53	-51	23	79
1	.6					MONROE	PA					
14	.7	9	.4	11	.4	MONTGOMERY	PA	-49	16	-40	32	75
		1	1.2	2*	1.9	MONTOUR	PA		63			95
9*	1.1	5	.4	4	.4	NORTHAMPTON	PA	-62	-15	-67	10	72
2	.4	3	.5	3	.5	NORTHUMBERLAND	PA	46	-1	45	83	78
1	.9			1	.8	PERRY	PA			-3	62	87
50	.6	40	.5	26	.4	PHILADELPHIA	PA	-20	-22	-38	35	73
1	1.7	1	1.5	1	.9	PIKE	PA	-10	-41	-46	26	88
		1	1.4			POTTER	PA					
3	.3			3	.4	SCHUYLKILL	PA			10	70	72
				1	.8	SNYDER	PA					86
2	.6	1	.3	3	.7	SOMERSET	PA	-57	189	24	76	85
1*	2.6					SULLIVAN	PA					
1	.6	3*	1.8			SUSQUEHANNA	PA	207				
2	1.2	1	.5	1	.5	TIOGA	PA	-58	1	-58	19	78
2	.6	2	.6	1	.3	VENANGO	PA	8	-52	-48	25	69

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
		1	.4			WARREN	PA					
5	.5	3	.3	7	.6	WASHINGTON	PA	-35	120	42	81	82
10	.6	11	.6	8	.4	WESTMORELAND	PA	-2	-31	-33	38	75
2*	2.4					WYOMING	PA					
4	.4	5	.4			YORK	PA	4				
19	.5	16	.4	20	.5	RHODE ISLAND	RI	-23	20	-8		
				2	.8	BRISTOL	RI					86
4	1.0	5*	.9	4	.7	KENT	RI	-9	-22	-29	41	83
2	1.1			2	.6	NEWPORT	RI			-45	28	80
12	.4	11	.4	12	.4	PROVIDENCE	RI	-8	12	3	67	74
1	.4					WASHINGTON	RI					
12	.3	24	.4	23	.3	SOUTH CAROLINA	SC	52	-30	6		
1	.4					AIKEN	SC					
1	1.1			3	.7	ANDERSON	SC			-42	31	83
				1	.7	BEAUFORT	SC					85
		1	1.5			BERKELEY	SC					
1	.4	2	.4	1	.1	CHARLESTON	SC	12	-69	-66	12	64
		1	1.0			CHEROKEE	SC					
		1	1.4			DILLON	SC					
				1	1.8	DORCHESTER	SC					95
				1*	2.2	EDGEFIELD	SC					97
		2	1.2	1	.4	FLORENCE	SC		-71			71
				2*	3.1	GEORGETOWN	SC					98
1	.2	7*	1.1	2	.2	GREENVILLE	SC	409	-82	-8	58	66
1	.7			1	.7	GREENWOOD	SC			-1	64	84
1	.7	1	.4			HORRY	SC	-39				
		1	1.5			KERSHAW	SC					
				2	.5	LEXINGTON	SC					78
				2	1.0	OCONEE	SC					89
				1	.6	ORANGEBURG	SC					79
		1	.5	1	.4	PICKENS	SC		-26			73
4	1.1	3	.7	1	.1	RICHLAND	SC	-35	-81	-87	01	64
1	.2	3	.6	2	.3	SPARTANBURG	SC	147	-51	20	75	68
1	1.2			1	.8	SUMTER	SC			-29	42	87
		1	.5			YORK	SC					
11	.3	12	.3	17	.5	SOUTH DAKOTA	SD	4	35	40		
				2*	1.8	BEADLE	SD					95
		1*	1.4	1*	1.8	BON HOMME	SD		28			95
		1	1.1	1	.8	BROOKINGS	SD		-23			87
		1	.6	1	.5	BROWN	SD		-24			76
1*	2.4	1*	2.0			BUTTE	SD	-14				
		1*	1.7			CHARLES MIX	SD					
1	1.7			1*	1.7	CLAY	SD			-3	62	94
1	1.1	1	.9			CODINGTON	SD	-20				
		1	1.1	2*	2.1	DAVISON	SD		92			96
		1	1.2			DAY	SD					
		1*	4.7			FAULK	SD					
				1*	1.4	GRANT	SD					93
1*	2.0			1*	2.1	GREGORY	SD			4	67	96
				2*	6.5	HAMLIN	SD					99
		1	1.1	2*	2.1	LAWRENCE	SD		96			96
		1	1.4	2*	2.7	MEADE	SD		87			98
2	.5					MINNEHAHA	SD					
2*	3.7					MOODY	SD					
1	1.3					SPINK	SD					
1*	2.5	1*	2.4			TRIPP	SD	-3				
				1	1.1	TURNER	SD					90
1*	2.2					WALWORTH	SD					
40	.3	51	.4	57	.3	TENNESSEE	TN	14	-7	6		
1	1.0	1	.4			ANDERSON	TN	-63				
				1	1.3	BENTON	TN					92
		1	.3	2	.6	BLOUNT	TN		76			81
				1	.6	CAMPBELL	TN					80
		1	.7			CARROLL	TN					
				2	.9	CARTER	TN					88
		2*	2.3	1	1.0	CLAIBORNE	TN		-58			89
		1*	2.6	1*	2.1	CLAY	TN		-20			96
1	1.0	3*	2.7			COCKE	TN	153				
		2*	1.7			COFFEE	TN					
				1	.9	CUMBERLAND	TN					87
5	.5	8	.6	6	.4	DAVIDSON	TN	40	-32	-4	61	75
		1	.7	2*	1.4	DYER	TN		89			93
				1*	1.4	FAYETTE	TN					93
1	.5			1	.4	GIBSON	TN			-13	54	75
		1	1.0			GILES	TN					
		2	1.1			GREENE	TN					
1*	1.9	1*	1.8			GRUNDY	TN	-8				
1	.9	1	.6	2*	1.1	HAMBLEN	TN	-38	90	17	73	90
2	.3	3	.3	1	.1	HAMILTON	TN	16	-70	-65	12	64
1*	2.8					HANCOCK	TN					
		1	1.0	1	.9	HARDIN	TN		-15			87
		1	.7			HAWKINS	TN					
				1*	1.7	HAYWOOD	TN					94
2*	1.8			1	.5	HENRY	TN			-72	06	78
		1	1.6			HICKMAN	TN					
		1	1.6			HUMPHREYS	TN					
7	.9	2	.2	4	.3	KNOX	TN	-73	40	-63	15	70
1	1.0			1	.8	LOUDON	TN			-13	53	86
		3*	3.1			MC NAIRY	TN					
				1	.4	MADISON	TN					72
1	1.1					MARION	TN					
2	1.4	1	.7			MAURY	TN	-48				
		1	.7	1	.4	MONTGOMERY	TN		-43			73

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1	1.6			MORGAN TN					
				1	.6	OBION TN					80
		1*	1.9	1*	1.5	FOLK TN		-23			94
		1	1.4	1	1.0	PHEA TN		-31			88
2	.8			1	.3	RUTHERFORD TN			-57	19	71
				1*	2.4	SEQUATCHIE TN					97
1	.7					SEVIER TN					
8	.6	6	.4	8	.5	SHELBY TN	-29	18	-16	51	76
				4	.6	SULLIVAN TN					82
				1	.4	SUMNER TN					75
				1	1.0	TIPTON TN					89
		1	1.4			UNICOI TN					
		1	1.0	1	.7	WARREN TN		-22			84
				2	.5	WASHINGTON TN					78
				1*	1.6	WAYNE TN					94
1	.7					WEAKLEY TN					
		1	1.4			WHITE TN					
1	1.0					WILLIAMSON TN					
1	.8			2	.9	WILSON TN			14	72	88
116	.4	153	.4	161	.4	TEXAS TX	6	-13	-8		
		1*	3.0			ANDREWS TX					
1	.7			1	.4	ANGELINA TX			-32	39	75
		1	1.1			ATASCOSA TX					
				1*	2.3	BAILEY TX					97
				1*	2.9	BAYLOR TX					98
2	.7	1	.3	2	.5	BELL TX	-54	42	-35	37	77
9	.5	14	.6	16	.6	BEXAR TX	35	-3	32	79	82
		1	.4	1	.3	BOWIE TX		-17			69
1	1.0			1	.4	BRAZORIA TX			-57	20	74
		1	.7	1	.3	BRAZOS TX		-51			70
1	.8	1	.5	1	.5	BROWN TX	-31	-1	-31	40	78
				1*	1.6	BURLESON TX					94
3*	5.4					BURNET TX					
		1	1.4	1	.9	CALDWELL TX		-35			87
		2	.4	3	.6	CAMERON TX		60			81
		1	1.2	1	.8	CASS TX		-33			86
		1*	2.1			CHAMBERS TX					
				1	.5	CHEROKEE TX					76
				1*	4.6	COKE TX					99
1	.5			1	.4	COLLIN TX			-26	44	72
		1*	3.3			COLLINGSWORTH TX					
		1	.7	1	.6	COMAL TX		-14			82
				1	.9	COMANCHE TX					87
1*	5.4	1*	7.9			CONCHO TX	47				
		1	.8			COOKE TX					
1	1.2					CORYELL TX					
		1*	4.7			COTTLE TX					
		1*	2.7			CROSBY TX					
14	.6	13	.4	15	.4	DALLAS TX	-32	-18	-44	29	71
		1*	1.7			DEAF SMITH TX					
				1*	2.4	DELTA TX					97
		2	.8			DENTON TX					
				2*	1.9	DE WITT TX					95
1*	2.5					DIMMIT TX					
1*	1.6					DUVAL TX					
				1	.5	EASTLAND TX					79
				1	.5	ECTOR TX					79
1	.1	4	.5	4	.4	EL PASO TX	626	-18	497	99	72
1	1.0	1	.7			ERATH TX	-33				
1	.8					FALLS TX					
1	.7	1	.6			FANNIN TX	-15				
1	.8	1	.6	1	.6	FAYETTE TX	-23	-9	-29	41	80
1*	2.3					FISHER TX					
				1*	5.7	FOARD TX					99
1	.7					FORT BEND TX					
		1*	1.7			GAINES TX					
				1	.2	GALVESTON TX					66
1	1.5					GILLESPIE TX					
1	1.2					GONZALES TX					
				1	.7	GRAY TX					84
		2	.5	1	.2	GRAYSON TX		-54			67
		1	.5	2	.6	GREGG TX		10			81
1	.9	1	.6			GUADALUPE TX	-25				
		4*	3.1	1	.7	HALE TX		-79			83
1	1.4					HAMILTON TX					
10	.3	20	.6	22	.4	HARRIS TX	67	-27	22	75	74
1	1.5					HASKELL TX					
2*	1.7	1	.6	1	.4	HENDERSON TX	-65	-36	-77	03	72
2	.4	1	.2	6	.7	HIDALGO TX	-55	344	99	90	84
		1	.8			HILL TX					
1	1.9			1	1.1	HOCKLEY TX			-40	32	91
				1	.6	HOWARD TX					80
		2	1.0	1	.4	HUNT TX		-56			74
				1	.8	HUTCHINSON TX					85
				1	.6	JASPER TX					65
4	.7	4	.5	2	.2	JEFFERSON TX	-36	-53	-70	08	66
				1*	3.9	JIM HOGG TX					99
		2*	1.3	1	.6	JIM WELLS TX		-58			79
		3*	1.3			JOHNSON TX					
				1	.8	JONES TX					86
				1	1.8	KARNES TX					95
		1*	2.2			KENDALL TX					
1	1.3					KERR TX					
		1*	12.8			KINNEY TX					
1	1.6	2*	2.5			KLEBERG TX	56				
		1	.5			LAMAR TX					
1	1.4					LAMB TX					
				1	.6	LAVACA TX					82
1*	2.3					LEE TX					

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	.3	2	.4	2	.3	LUBBOCK TX	34	-17	11	71	71
2	.4	1	.2	3	.4	MC LENNAN TX	-53	143	14	72	75
1*	4.2					MARION TX					
1*	3.9					MASON TX					
1	1.1					MATAGORDA TX					
				1	.4	MIDLAND TX					73
1	.7	1	.7	1	.7	MILAM TX	-10	8	-3	63	84
1	1.2	1*	1.7			MITCHELL TX	34				
		1	.6	2	.7	MONTGOMERY TX		5			83
1	1.0					NACOGDOCHES TX					
1	.6	2	1.0	1	.5	NAVARRO TX	69	-51	-17	50	78
1*	3.7					NEWTON TX					
		1	1.3	1	1.1	NOLAN TX		-14			91
1	.1	3	.8	3	.3	NUECES TX	541	-61	149	95	69
		1*	11.6			OLDHAM TX					
1	.5	2	1.1	2	.7	ORANGE TX	126	-33	52	83	84
2*	1.8					PALO PINTO TX					
1	.7	1	.3			POTTER TX	-62				
2*	8.3					PRESIDIO TX					
1	1.0			1	1.3	RED RIVER TX			31	79	93
		1*	3.3			REFUGIO TX					
				1	1.4	ROBERTSON TX					93
				1	1.6	RUNNELS TX					94
		1	.6	2	.9	RUSK TX		37			87
2*	6.0					SABINE TX					
				1*	2.3	SAN JACINTO TX					97
1	.8			1	.7	SAN PATRICIO TX			-7	59	85
				1*	4.4	SAN SABA TX					99
				2*	2.7	SCURRY TX					98
1*	5.6			1*	3.0	SHACKELFORD TX			-47	26	98
1	.3	1	.3			SMITH TX	21				
1	1.5					STEPHENS TX					
5	.3	12	.6	10	.4	TARRANT TX	109	-37	31	78	73
1	.4			5*	1.5	TAYLOR TX			244	98	92
		3	1.1	2	.7	TOM GREEN TX		-40			83
5	1.0	1	.1	3	.3	TRAVIS TX	-87	125	-71	07	69
				1	.9	UPSHUR TX					88
				1	1.0	UVALDE TX					89
				1	1.0	VAL VERDE TX					89
3*	2.9	1	1.0			VAN ZANDT TX	-67				
1	.5					VICTORIA TX					
		2*	2.2			WASHINGTON TX					
1	.5	4*	1.7			WEBB TX	256				
		1	.7			WHARTON TX					
		1*	2.2			WHEELER TX					
		2	.5			WICHITA TX					
		1	.9			WILBARGER TX					
1	.6			1	.4	WILLIAMSON TX			-39	34	72
1	1.2	1	1.5	1	1.1	WILSON TX	29	-31	-11	56	90
1*	4.9					WINKLER TX					
		2*	4.8			YOAKUM TX					
1	1.0	1	.9			YOUNG TX	-12				
21*	.8	13	.4	18	.4	UTAH UT	-49	11	-44		
		1	1.0			BOX ELDER UT					
2*	1.5					CACHE UT					
2*	2.4					CARBON UT					
1	1.0					DAVIS UT					
		1*	5.7			DUCHESNE UT					
2*	8.5					JUAB UT					
1*	2.4			1*	1.9	MILLARD UT			-20	47	96
		1*	7.0			MORGAN UT					
9	.8	5	.4	5	.3	SALT LAKE UT	-53	-22	-64	14	69
		2*	3.5	1	2.6	SANPETE UT		-25			97
3	1.1	2	.6	5*	1.0	UTAH UT	-47	77	-6	60	89
1*	2.4			1	.7	WASHINGTON UT			-69	09	84
		1	.1	5*	1.0	WEBER UT		653			89
7	.4	8	.4	6	.3	VERMONT VT	15	-38	-28		
		1	.6	1	.6	BENNINGTON VT		-10			80
		2*	1.7	1	.9	CALEDONIA VT		-46			88
2	.8			1	.2	CHITTENDEN VT			-70	07	67
		1*	1.7	1*	1.0	LAMOILLE VT		-40			90
				1	1.1	ORLEANS VT					90
1	.4	3*	1.2	1	.4	RUTLAND VT	230	-70	0	64	72
2	.9	1	.5			WASHINGTON VT	-45				
1	.6					WINDHAM VT					
1	.5					WINDSOR VT					
39	.4	42	.3	47	.3	VIRGINIA VA	-13	-10	-22		
1	.7					ACCOMACK VA					
1	.5					ALBEMARLE#VA					
1	1.3					ALLEGHANY#VA					
				1	.6	AMHERST VA					81
		1*	2.9			APPOMATTOX VA					
2	.4	1	.1	2	.2	ARLINGTON#VA	-75	114	-46	27	67
2	.8	3	.9	1	.2	AUGUSTA#VA	17	-74	-70	08	67
1	.2	3	.6	2	.4	BEDFORD#VA	169	-39	65	86	73
7	.8	3	.3	5	.5	CHESTERFIELD#VA	-63	57	-42	32	76
		1	1.6	2*	2.5	CULPEPER VA		59			97
1	1.2					DICKENSON VA					
1*	5.4					ESSEX VA					
		2	.1	6	.4	FAIRFAX#VA		296			75
		1	1.1			FAUQUIER VA					
				1	.8	FRANKLIN VA					85
				1	.7	FREDERICK#VA					83
1	1.7	1	1.4			GILES VA	-17				
1	1.0					HALIFAX#VA					

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
1*	3.1					ISLE OF WIGHT VA					
		1	.6			JAMES CITY#VA					
				1*	3.9	KING AND QUEEN VA					99
1*	6.2					KING GEORGE VA					
1*	4.2					KING WILLIAM VA					
				1	.6	LEE VA					82
				1*	1.9	LUNENBURG VA					96
				1*	1.8	MADISON VA					95
		1*	1.9	1*	2.3	MATHEWS VA		20			97
1	.8					MECKLENBURG VA					
2*	1.5					MONTGOMERY#VA					
1*	2.0					NORTHAMPTON VA					
				1	1.0	PAGE VA					90
1	1.7			1	1.1	PATRICK VA			-34	37	91
1	.3	2	.7	2	.6	PITTSYLVANIA#VA	188	-26	113	92	79
				1	.2	PRINCE WILLIAM#VA					65
		1*	3.2			RAPPAHANNOCK VA					
1	.2	4	.6			ROANOKE#VA	210				
				1	.3	ROCKINGHAM#VA					70
1	1.0	2*	1.9			RUSSELL VA	88				
		1	.8	2*	1.6	SCOTT VA		88			94
2*	1.8	1	.8			SHENANDOAH VA	-56				
1*	1.9					SOUTHAMPTON#VA					
		1	.5	1	.4	TAZEWELL VA		-15			75
1	.5					WASHINGTON#VA					
		1*	2.2			WESTMORELAND VA					
				2	1.0	WISE#VA					90
		1	.9	2*	2.0	WYTHE VA		113			96
2	.1	9	.6	6	.3	CHESAPEAKE CITY#VA	313	-41	142	95	71
3*	2.4	1	.5	2	.7	NEWPORT NEWS CITY VA	-81	60	-70	07	84
58	.5	43	.3	53	.3	WASHINGTON WA	-34	9	-28		
1	.2	1	.3	2	.9	BENTON WA	35	205	311	99	88
		1	.6	2	.8	CHELAN WA		42			86
				2	1.1	CLALLAM WA					90
1	.3	1	.2	3	.4	CLARK WA	-37	120	39	81	75
2*	6.4					COLUMBIA WA					
1	.4	1	.3			COWLITZ WA	-23				
		1	1.5			FRANKLIN WA					
		1	.9	1	.6	GRANT WA		-31			81
2	.6			1	.3	GRAYS HARBOR WA			-42	31	70
				1	.4	ISLAND WA					75
1	2.0	1	1.4			JEFFERSON WA	-32				
19	.5	14	.3	14	.3	KING WA	-39	-5	-42	32	69
1	.2	1	.2	2	.5	KITSAP WA	-1	124	123	93	77
1	1.8					KLICKITAT WA					
1	.3	1	.3	1	.4	LEWIS WA	1	15	17	73	72
		1	.8	1	.7	OKANOGAN WA		-16			83
		1*	2.5			PEND OREILLE WA					
5	.4	5	.3	4	.2	PIERCE WA	-15	-22	-34	38	68
2	.7	2	.6			SKAGIT WA	-15				
4	.5	5	.6	3	.3	SNOHOMISH WA	13	-54	-47	25	68
4	.3	2	.2	10*	.7	SPOKANE WA	-53	371	120	93	84
1	.4	1	.3	2	.4	THURSTON WA	-10	36	23	76	75
2	.8	1	.4	1	.4	WALLA WALLA WA	-51	-5	-53	21	73
3	.9					WHATCOM WA					
1	.7			1	.8	WHITMAN WA			5	67	85
6	.9	2	.3	2	.3	YAKIMA WA	-69	-10	-72	06	68
25	.3	25	.3	41	.5	WEST VIRGINIA WV	-6	54	44		
2*	2.2					BARBOUR WV					
				4*	2.0	BERKELEY WV					96
		1	.8			BOONE WV					
				1	1.0	BRAXTON WV					89
2*	1.8	1	.8			BROOKE WV	-58				
1	.2	4	.8	4	.8	CABELL WV	256	-1	254	98	85
		1*	3.3			CALHOUN WV					
		3*	1.2			FAYETTE WV					
1	.6			1	.7	HANCOCK WV			8	69	83
1*	2.0					HARDY WV					
2	.5	2	.5	3	.7	HARRISON WV	-6	44	35	79	84
1	1.5			1	.9	JEFFERSON WV			-42	31	87
2	.2	2	.2	6	.6	KANAWHA WV	-22	280	196	97	81
		2	1.4			LOGAN WV					
				1	.5	MC DOWELL WV					77
1	.3	2	.6	2	.6	MARION WV	95	-2	91	89	80
1	.5					MARSHALL WV					
		2*	1.8			MASON WV					
1	.4	1	.4	1	.3	MERCER WV	-10	-31	-38	35	69
1	1.0					MINERAL WV					
1	.4			3*	1.2	MONONGALIA WV			196	97	91
1	1.5			1	1.3	MONROE WV			-16	51	92
				1	.3	OHIO WV					69
2*	4.6					PENDLETON WV					
1	.3			1	.3	RALEIGH WV			-1	63	71
				1	.9	RANDOLPH WV					87
1	1.0					ROANE WV					
		2*	2.4			SUMMERS WV					
		1	1.0			TAYLOR WV					
1*	1.8			2*	4.2	TUCKER WV			129	94	99
				1	1.0	UPSHUR WV					89
				1	.5	WAYNE WV					78
1	1.0			1*	1.7	WEBSTER WV			72	87	95
1	1.2					WETZEL WV					
				1*	4.8	WIRT WV					99
		1	.3	3	.8	WOOD WV		197			85
				1	.9	WYOMING WV					87

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WHITE MALE 1950-1959 DEATHS	RATE	1960-1969 DEATHS	RATE	1970-1979 DEATHS	RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE RATES 70S/50S	1970S
97	.6	91	.5	79	.4	WISCONSIN WI	-17	-20	-33		
		1	1.0			ASHLAND WI					
1	.5	1	.6			BAPRON WI	18				
1	1.3			1	.8	BAYFIELD WI			-38	35	86
7*	1.5	3	.6	4	.6	BPOWN WI	-60	5	-59	17	82
2*	2.5			2*	2.8	BUFFALO WI			11	71	98
1	.9	1	.9			CALUMET WI	-4				
		2	.8			CHIPPEWA WI					
1	.6			1	.5	CLARK WI			-19	48	77
		1	.4	2	.9	COLUMBIA WI		108			87
		1	1.1			CRAWFOPD WI					
4	.5	2	.2	2	.2	DANE WI	-64	-16	-70	08	65
2	.6					DODGE WI					
		1	.7	1	.7	DOOR WI		1			83
6*	2.3	3*	1.2	4*	1.6	DOUGLAS WI	-49	33	-32	39	94
				2*	1.1	DUNN WI					90
		2	.7	2	.6	EAU CLAIPE WI		-4			82
1*	5.0					FLOPENCE WI					
2	.5			3	.7	FOND DU LAC WI			32	79	84
3	1.4	2	.9			GRANT WI	-37				
				2*	1.4	GPEEN WI					93
		2*	1.9			JACKSON WI					
		1	.4	3	1.0	JEFFERSON WI		148			89
2*	2.0					JUNEAU WI					
4	1.0	4	.8	5*	.9	KENOSHA WI	-21	16	-8	57	88
2*	2.1			1	1.0	KEWAUNEE WI			-55	20	88
		3	.8	1	.3	LA CROSSE WI		-65			69
1	1.0					LANGLADE WI					
		1	.8			LINCOLN WI					
1	.3	6*	1.5	3	.7	MANITCWOC WI	433	-56	133	94	82
1	.2	1	.2	2	.4	MAPATHON WI	-9	85	68	86	74
1	.5			2	1.0	MAPINETTE WI			92	89	90
		3	.9	1	.2	MENOMINEE#WI		-77			66
21	.6	24	.5	14	.3	MILWAUKEE WI	-10	-41	-47	26	69
1	.5			1	.4	MONPOE WI			-15	51	75
1	.7					ONEIDA WI					
				1	.2	OUTAGAMIE WI					66
2	1.4					OZAUKEE WI					
				1*	2.0	PEPIN WI					96
1	.9	2*	1.4			PIERCE WI	52				
2	1.3					PORTAGE WI					
1	.9	1	.9			PRICE WI	-4				
4	.6	5	.7	3	.4	RACINE WI	19	-42	-31	40	75
1	1.0			1	.8	RICHLAND WI			-19	49	86
1	.2	2	.5	1	.2	ROCK WI	146	-63	-10	57	65
1	1.1					RUSK WI					
		2	1.2			ST CROIX WI					
3*	1.7	1	.5			SAUK WI	-73				
4	.9	1	.2	2	.4	SHEBOYGAN WI	-75	74	-57	20	73
1	.4	1	.4			WALWOPTH WI	-5				
2*	2.4	1	1.2			WASHBURN WI	-50				
1	.5			2	.7	WASHINGTON WI			35	80	84
3	.6	2	.3	2	.2	WAUKESHA WI	-51	-33	-67	10	66
		1	.3			WAUPACA WI					
3	.7	7*	1.3	5*	.9	WINNEBAGO WI	99	-35	30	78	87
1	.4			2	.6	WOOD WI			37	80	80
10	.7	9	.7	5	.3	WYOMING WY	-9	-54	-58		
2*	3.4	1	2.3			BIG HORN WY	-31				
				1	1.2	CAPBON WY					92
		1*	4.5			CROOK WY					
		1	1.5			GOSHEN WY					
		1*	2.6	1*	2.8	JOHNSON WY		5			98
3*	1.1	1	.5	1	.4	LARAMIE WY	-54	-9	-59	17	75
1	.5	1	.6			NATRONA WY	10				
1*	4.4					NIOBRAPA WY					
				1	1.3	PARK-TETON#WY					92
1*	3.5					PLATTE WY					
		3*	2.1			SHERIDAN WY					
1	1.0					SWEETWATER WY					
1*	3.4			1*	2.4	WASHAKIE WY			-29	41	97

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE 1950-1959		1960-1969		1970-1979		CANCER OF THE THYROID GLAND COUNTY AND STATE		PERCENT CHANGE			ICD 193 PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
5966	.8	6071	.7	6039	.5	UNITED STATES		-21	-22	-38		
56	.6	65	.5	57	.4	ALABAMA	AL	-15	-35	-44		
		1	1.3			AUTAUGA	AL					
		2	.9			BALDWIN	AL					
		1	1.2	1	1.2	BARBOUR	AL		-6			88
		1	1.4			BIBB	AL					
1	1.1	1	.8			BLOUNT	AL	-31				
1	.4	1	.2	1	.2	CALHOUN	AL	-33	-10	-39	46	53
		1	.8			CHILTON	AL					
2*	3.6					CLARKE	AL					
1	1.4					CLAY	AL					
1	.9	1	.8			COFFEE	AL	-16				
2	1.7			2	.9	COLBERT	AL			-44	39	83
		1	1.3			CONECUH	AL					
				3	1.0	COVINGTON	AL					86
1	1.5	1	1.8	1	1.5	CRENSHAW	AL	18	-20	-6	73	92
2	1.6	2	.8			CULLMAN	AL	-51				
		1	1.2			DALE	AL					
1	1.0	1	.9			DALLAS	AL	-10				
				2	.6	DE KALB	AL					69
		2	1.6			ELMORE	AL					
1	1.0	2	1.6	1	.7	ESCAMBIA	AL	61	-59	-34	53	74
3	.9	1	.3	4	.8	ETOWAH	AL	-73	203	-18	67	78
1	1.2			1	.7	FAYETTE	AL			-45	38	74
1	.9			1	.8	FRANKLIN	AL			-13	70	80
1	1.0			2	1.4	GENEVA	AL			39	86	91
				1	1.7	HALE	AL					94
1	.6	1	.4			HOUSTON	AL	-31				
3	2.0	3	1.7	1	.5	JACKSON	AL	-14	-71	-75	08	65
13	.8	13	.6	9	.3	JEFFERSON	AL	-33	-45	-63	18	55
2*	2.7			1	.7	LAMAR	AL			-74	10	76
		2	.9	3	.8	LAUDERDALE	AL		-16			78
2*	3.0	1	1.0			LAWRENCE	AL	-68				
		1*	4.1			LOWNDES	AL					
1	.5	2	.7	1	.2	MADISON	AL	34	-73	-64	17	51
				1	.7	MARION	AL					74
		2	.7	2	.5	MARSHALL	AL		-27			68
2	.3	4	.4	3	.2	MOBILE	AL	23	-41	-28	59	53
3	.8	6	1.2	3	.3	MONTGOMERY	AL	54	-72	-57	25	57
2	.9			2	.5	MORGAN	AL			-41	44	67
1	2.7	1	2.4	1	2.0	PERRY	AL	-10	-18	-26	61	95
2	2.5					PIKE	AL					
1	1.3	2	1.9	1	.7	RANDOLPH	AL	47	-64	-47	36	75
				1	.5	ST CLAIR	AL					64
				1	.5	SHELBY	AL					67
2	1.2	3	1.5	1	.3	TALLADEGA	AL	22	-78	-73	10	57
1	.3	2	.5	1	.2	TUSCALOOSA	AL	80	-55	-20	65	52
1	.4	2	.9	2	.5	WALKER	AL	114	-39	30	84	67
				1	1.4	WASHINGTON	AL					91
				2*	1.7	WINSTON	AL					94
		1	.4	1	.2	ALASKA	AK		-52			
17	.5	48	.8	55	.5	ARIZONA	AZ	51	-36	-4		
2	1.1	3	1.3			COCHISE	AZ	14				
		1	1.5	1	1.1	COCONINO	AZ		-26			87
		1	1.0	3*	1.8	GILA	AZ		83			94
				1	.9	GRAHAM	AZ					83
				1*	2.7	GREENLEE	AZ					98
9	.5	21	.6	30	.4	MARICOPA	AZ	14	-24	-13	70	61
				2	.8	MOHAVE	AZ					80
		1	1.9			NAVAJO	AZ					
3	.5	9	.7	8	.3	PIMA	AZ	27	-53	-40	45	56
1	.7	3	2.2	2	.7	PINAL	AZ	222	-66	8	78	76
		1	1.5	1	1.5	SANTA CRUZ	AZ		-2			92
1	.7	1	.4	2	.5	YAVAPAI	AZ	-49	42	-27	59	66
1	1.5	7*	3.8	4*	1.5	YUMA	AZ	152	-62	-4	74	92
19	.3	44	.5	51	.4	ARKANSAS	AR	79	-19	45		
1	1.1	1	1.0			ARKANSAS	AR	-8				
		1	1.2			ASHLEY	AR					
1	.5			1	.2	BENTON	AR			-60	22	52
				2	1.3	BOONE	AR					90
				1	1.0	BRADLEY	AR					86
		1	2.2			CHICOT	AR					
1	1.3	1	.7	2	1.5	CLARK	AR	-48	112	11	79	92
		1	.9			CLAY	AR					
		1	.8	1	.7	COLUMBIA	AR		-5			77
		1	.5	4	1.2	CRAIGHEAD	AR		156			88
				1	.3	CRAWFORD	AR					56
		2*	3.9			DESHA	AR					
				1	1.1	DREW	AR					87
1	.9	1	.6	2	1.1	FAULKNER	AR	-36	91	22	82	87
		1	1.4	2*	2.6	FRANKLIN	AR		89			97
1	.4			3	.5	GARLAND	AR			26	83	64
		1	1.9			GRANT	AR					
1	.8	1	.6	2	1.1	GREENE	AR	-24	89	44	87	87
		2	2.0			HEMPSTEAD	AR					
				2	1.1	HOT SPRING	AR					87
		1	1.3			HOWARD	AR					
1	.8	1	.6	2	.9	INDEPENDENCE	AR	-22	44	13	80	82
1	2.2	2*	3.5			IZARD	AR	58				
		2	2.0			JACKSON	AR					
1	.5	1	.4	2	.5	JEFFERSON	AR	-28	49	7	78	68

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE 1950-1959		1960-1969		1970-1979		CANCER OF THE THYROID GLAND COUNTY AND STATE	PERCENT CHANGE			ICD 193 PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
		1	.9	1	.5	JOHNSON AR		-45			66
		1	2.6			LAFAYETTE AR					
2	2.2	1	.8			LAWRENCE AR	-62				
1	2.0	1	3.0			LEE AR	46				
1	1.1			1	.5	LOGAN AR			-54	27	65
				1	1.0	MARION AR					84
		1	.8			MILLER AR					
				2	.7	MISSISSIPPI AR					77
				1*	3.5	NEWTON AR					99
1*	4.0	1*	2.4			PERRY AR	-40				
				1	.9	PHILLIPS AR					81
		1	2.0			PIKE AR					
				1	.5	POINSETT AR					68
				1	.8	POLK AR					78
1	1.0	1	.7			POPE AR	-28				
1	.2	7	.6	5	.3	PULASKI AR	261	-47	92	93	57
1	2.1			1	.8	RANDOLPH AR			-61	20	80
		1	1.7			SCOTT AR					
				5	1.0	SEBASTIAN AR					84
				1	.3	UNION AR					55
		1	1.6			VAN BUREN AR					
1	.4	2	.6	1	.3	WASHINGTON AR	52	-51	-26	61	55
1	.6	2	.9			WHITE AR	49				
		1	2.2			WOODRUFF AR					
				1	.5	YELL AR					63
497	.8	515	.6	598	.5	CALIFORNIA CA	-27	-12	-36		
52*	1.3	33	.7	21	.4	ALAMEDA CA	-49	-41	-70	13	60
1*	122.7					ALPINE CA					
4	1.0	1	.1	7	.7	BUTTE CA	-86	389	-33	54	75
				1	.8	CALAVERAS CA					77
1	1.9			1	1.4	COLUSA CA			-25	62	91
5	.5	9	.5	12	.4	CONTRA COSTA CA	21	-21	-4	74	62
1	4.4			1	1.2	DEL NORTE CA			-74	10	88
		2	1.3	4	1.3	EL DORADO CA		1			90
10	.9	11	.6	18	.8	FRESNO CA	-28	21	-12	71	77
1	1.1	2	2.1	1	.7	GLENN CA	86	-66	-36	50	76
3	1.0	3	.7	3	.7	HUMBOLDT CA	-26	-12	-35	52	73
2	1.8	1	.7	1	.4	IMPERIAL CA	-65	-33	-76	07	62
				1	.9	INYO CA					82
4	.5	5	.5	11	.7	KERN CA	-3	62	57	89	76
1	.6	3	1.5	1	.4	KINGS CA	157	-76	-39	47	57
2	2.1			1	.3	LAKE CA			-85	02	56
		1	1.4			LASSEN CA					
208	.8	209	.6	217	.6	LOS ANGELES CA	-23	-8	-30	58	69
				1	.4	MADERA CA					62
1	.2	6	.7	4	.4	MARIN CA	253	-50	76	92	58
		1	.4			MENDOCINO CA					
1	.3	4	1.5	3	.6	MERCED CA	407	-59	108	95	71
		1	2.8			MODOC CA					
		1*	10.4			MONO CA					
1	.2	5	.7	7	.6	MONTEREY CA	255	-14	207	98	71
				4	.6	NAPA CA					72
				4*	1.0	NEVADA CA					84
20	1.0	11	.3	34	.4	ORANGE CA	-71	50	-57	25	61
2	.7	2	.6	1	.2	PLACER CA	-24	-73	-79	05	51
1	3.2					PLUMAS CA					
11	1.0	15	.8	14	.4	RIVERSIDE CA	-24	-48	-60	21	59
13	.9	12	.5	11	.4	SACRAMENTO CA	-41	-32	-60	22	58
		1	1.0	1	.5	SAN BENITO CA		-46			68
8	.5	17	.6	24	.6	SAN BERNARDINO CA	11	-4	7	78	69
34	1.1	37	.7	46	.5	SAN DIEGO CA	-36	-22	-50	32	68
40	.9	31	.6	30	.7	SAN FRANCISCO CA	-31	3	-29	59	74
3	.3	12	1.0	5	.3	SAN JOAQUIN CA	212	-71	-8	72	55
1	.2	2	.3	1	.1	SAN LUIS OBISPO CA	42	-71	-59	23	50
10	.7	12	.6	22	.8	SAN MATEO CA	-14	27	9	79	77
5	.7	12	1.2	6	.4	SANTA BARBARA CA	63	-69	-50	32	58
17	.9	18	.5	24	.5	SANTA CLARA CA	-39	-4	-42	43	66
5	.8	3	.4	6	.5	SANTA CRUZ CA	-42	5	-39	47	64
1	.9	1	.4	1	.2	SHASTA CA	-56	-53	-80	05	51
1	.7	4*	2.4	1	.4	SISKIYOU CA	221	-81	-40	45	63
3	.9	3	.6	3	.5	SOLANO CA	-33	-23	-49	34	63
6	.9	6	.6	9	.5	SONOMA CA	-29	-22	-45	38	65
6	.8	4	.4	8	.6	STANISLAUS CA	-53	47	-30	57	69
1	.9	2	1.2			SUTTER CA	32				
				4*	2.0	TEHAMA CA					95
1*	6.2					TRINITY CA					
3	.5	3	.3	10	.9	TULARE CA	-24	174	107	94	83
		1	.7	1	.7	TUOLUMNE CA		-6			75
4	.9	3	.3	8	.4	VENTURA CA	-70	43	-57	25	59
2	1.2	3	1.1	4	.9	YOLO CA	-5	-21	-25	62	82
1	.8	2	1.6			YUBA CA	110				
64	.9	63	.7	48	.4	COLORADO CO	-26	-44	-59		
1	1.2	1	.5	1	.3	ADAMS CO	-54	-51	-77	06	54
		1*	3.2			BACA CO					
3	1.1	1	.3	1	.2	BOULDER CO	-73	-42	-85	02	51
1	2.4	1	2.4			CHAFFEE CO	2				
1	3.8					CONEJOS CO					
1*	5.5					COSTILLA CO					
1*	6.8					CROWLEY CO					
		1	2.4			DELTA CO					
26	1.0	25	.7	15	.4	DENVER-ARAPAHOE#CO	-27	-47	-61	20	59
1*	4.9			1	2.5	DOUGLAS CO			-50	32	97
4	.7	8	1.0	6	.5	EL PASO CO	39	-50	-30	57	67
1	1.1	2	1.0			FREMONT CO	-11				
1	1.9	1	1.4	2*	2.0	GARFIELD CO	-26	45	6	77	95
				1*	10.4	GILPIN CO					99
2*	5.6					HUERFANO CO					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
3	1.1	5	.8	7	.7	JEFFERSON CO	-26	-15	-37	49	75
		1	2.7			KIT CARSON CO					
1*	4.4					LAKE CO					
2*	2.8	1	1.2			LA PLATA CO	-57				
1	.3			2	.3	LARIMER CO			4	76	56
1	1.0	2	1.8			LAS ANIMAS CO	90				
2	2.4					LOGAN CO					
2	.8	3	1.0	1	.2	MESA CO	17	-80	-76	08	52
		1	1.8			MONTEZUMA CO					
1	1.5	1	1.0	1	.9	MONTROSE CO	-31	-17	-42	42	81
1	1.1					MORGAN CO					
		1	.6			OTERO CO					
				1*	6.9	PARK CO					99
				2*	4.5	PHILLIPS CO					99
		1	1.7			PROWERS CO					
3	.6	5	.9	7	1.0	PUEBLO CO	42	10	57	89	84
1*	4.7					SAGUACHE CO					
2	.6					WELD CO					
1	1.6	1	1.3			YUMA CO	-20				
97	.9	82	.6	100	.5	CONNECTICUT CT	-34	-4	-37		
29	1.0	17	.5	27	.6	FAIRFIELD CT	-56	27	-44	39	70
32	1.1	22	.6	29	.6	HARTFORD CT	-49	4	-47	35	70
2	.3	8	1.0	6	.6	LITCHFIELD CT	197	-43	69	91	70
5	1.1	3	.4	5	.7	MIDDLESEX CT	-60	49	-40	45	74
19	.6	25	.7	22	.4	NEW HAVEN CT	5	-34	-30	57	62
6	.7	4	.4	6	.5	NEW LONDON CT	-46	28	-31	55	65
1	.5	1	.3	1	.3	TOLLAND CT	-40	-6	-43	41	54
3	.7	2	.4	4	.8	WINDHAM CT	-46	97	7	78	79
6	.4	13	.6	10	.4	DELAWARE DE	58	-39	-3		
1	.5	1	.4			KENT DE	-27				
4	.4	11	.8	8	.5	NEW CASTLE DE	89	-41	12	79	63
1	.3	1	.2	2	.4	SUSSEX DE	-26	76	29	84	60
22	.7	14	.5	10	.4	DIST. OF COLUMBIA DC	-31	-27	-50		
22	.7	14	.5	10	.4	WASHINGTON DC	-31	-27	-50	33	58
97	.5	184	.5	263	.4	FLORIDA FL	1	-20	-19		
		1	.3	1	.2	BAY FL		-24			53
3*	8.6	1	2.2	1	1.4	BRADFORD FL	-74	-38	-84	03	91
		3	.6	5	.4	BREVARD FL		-29			60
5	.5	17	.5	24	.3	BROWARD FL	-5	-40	-43	41	55
		1*	3.1			CALHOUN FL					
1	1.4	1	.3	6	1.0	CHARLOTTE FL	-82	262	-34	53	84
		1	1.0	2	.4	CITRUS FL		-57			60
				1	1.0	CLAY FL					84
				2	.3	COLLIER FL					55
1	1.5			2*	1.6	COLUMBIA FL			7	78	93
17	.5	51	.8	52	.5	DADE FL	57	-41	-8	72	65
9	.9	3	.2	11	.5	DUVAL FL	-76	123	-47	36	63
2	.5	2	.4	3	.4	ESCAMBIA FL	-21	3	-19	66	61
		1	.6			GADSDEN FL					
1	2.0	1	1.3			HARDEE FL	-35				
1	1.0	2	1.5			HIGHLANDS FL	45				
5	.3	8	.4	9	.3	HILLSBOROUGH FL	14	-32	-23	63	54
1	1.7	2*	3.2	1	1.2	HOLMES FL	84	-62	-29	58	89
3*	5.1	2	1.2	2	.5	INDIAN RIVER FL	-77	-57	-90	00	66
1	.9	1	.8			JACKSON FL	-16				
				1*	3.0	JEFFERSON FL					98
1*	7.3					LAFAYETTE FL					
		1	.2	4	.6	LAKE FL		308			71
		5	.6	6	.4	LEE FL		-31			60
1	.7			4	1.2	LEON FL			63	90	88
				1	.9	LEVY FL					84
1	2.6					MADISON FL					
		3	.4	5	.4	MANATEE FL		1			61
1	.5	3	1.2	2	.3	MARION FL	137	-75	-41	44	55
		1	.5	3	.5	MARTIN FL		5			67
2	2.5	1	.5	1	.5	MONROE FL	-79	-2	-80	04	66
		3*	6.0			NASSAU FL					
				1	.5	OKALOOSA FL					66
4	.5	7	.5	12	.6	ORANGE FL	8	21	31	84	71
		1	.4	1	.3	OSCEOLA FL		-38			54
9	.9	8	.4	26	.6	PALM BEACH FL	-55	54	-31	56	72
		2	.4	7	.4	PASCO FL		21			62
14	.5	23	.4	34	.4	PINELLAS FL	-15	-10	-23	63	59
5	.7	6	.5	3	.2	POLK FL	-25	-61	-71	11	52
		2	1.6	3	1.5	PUTNAM FL		-7			92
		2	1.2	3	1.0	ST JOHNS FL		-10			86
		3	1.6	4	.9	ST LUCIE FL		-45			82
2	.4	4	.7	10	.4	SARASOTA FL	85	-35	20	82	63
		1	.5	1	.2	SEMINOLE FL		-55			52
1	2.2					SUMTER FL					
				1	1.7	TAYLOR FL					94
5	.6	9	.5	8	.4	VOLUSIA FL	-18	-25	-39	46	59
1	1.4	1	1.0			WALTON FL	-28				
66	.6	52	.4	76	.4	GEORGIA GA	-41	8	-36		
				2	1.3	BALDWIN GA					91
1*	2.9					BANKS GA					
1	1.7					BARROW GA					
				1	.6	BARTOW GA					69
1	2.1	1	1.9	1	1.5	BERRIEN GA	-7	-24	-29	58	92
1	.2	1	.2	1	.2	BIBB GA	-1	-32	-32	54	51
				1	1.7	BLECKLEY GA					94

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1*	4.1			BRYAN GA					
				1	.7	BULLOCH GA					73
		1*	4.9			CALHOUN GA					
1	.6	1	.5	1	.5	CARROLL GA	-7	-1	-8	72	68
4	.8	1	.2	2	.3	CHATHAM GA	-74	37	-65	17	54
2	2.0	2	1.7	2	1.2	CHEROKEE GA	-17	-27	-40	46	89
		1	.6	1	.4	CLAYTON GA		-28			60
1*	11.2			2*	8.2	CLINCH GA			-27	60	99
		2	.4	2	.2	COBB GA		-46			52
		1	1.2	1	1.0	COFFEE GA		-12			86
				1	1.1	COLUMBIA GA					88
1	4.0			2*	3.3	COOK GA			-17	68	98
				2*	1.9	CRISP GA					95
				1	2.5	DADE GA					97
				1*	4.1	DAWSON GA					99
5	.6	2	.2	9	.5	DE KALB GA	-75	243	-14	70	68
1	3.4	1	1.5			DODGE GA	-57				
1	.8			1	.5	DOUGHERTY GA			-35	52	68
1	2.1			2*	2.0	EMANUEL GA			-2	75	95
				1	1.8	FAYETTE GA					94
1	.4			3	.6	FLOYD GA			45	87	73
1	1.4			1	1.3	FRANKLIN GA			-8	72	90
13	.8	11	.5	8	.3	FULTON GA	-31	-38	-57	24	56
		2*	4.3	1	1.5	GILMER GA		-66			92
2	2.6	1	.9			GLYNN GA	-67				
1	.9			2	1.4	GORDON GA			63	91	92
1	1.3	1	1.1			HAPALSON GA	-15				
		1*	2.8			HARRIS GA					
		2*	3.1	1	1.2	HART GA		-62			88
				1*	2.0	JEFF DAVIS GA					95
1	2.2	1	2.0			JEFFERSON GA	-7				
1*	5.4					JENKINS GA					
		1*	2.2	1*	2.4	JOHNSON GA		13			97
1	1.4					LAURENS GA					
1	1.0					LOWNDES GA					
2*	8.7					LUMPKIN GA					
				1	2.0	MC DUFFIE GA					95
1	2.1			1	1.5	MADISON GA			-29	58	92
1	1.7					MERIWETHER GA					
1*	4.3					MILLER GA					
2*	6.4	1*	3.4			MONROE GA	-47				
				1*	3.5	MORGAN GA					99
1	.6			1	.2	MUSCOGEE#GA			-70	13	51
1	2.3	1	1.7	1	1.2	PAULDING GA	-27	-31	-50	32	88
				1*	2.8	PIKE GA					98
1	.5	1	.7	1	.7	POLK GA	37	-8	26	83	75
				1	1.9	PAUN GA					95
		1*	4.0	1*	2.6	RANDOLPH GA		-35			97
1	.4	1	.2	2	.4	RICHMOND GA	-39	85	13	79	60
1	.9	3*	2.0			SPALDING GA	115				
1	1.0					STEPHENS GA					
1	1.5			1	1.2	SUMTER GA			-16	68	90
				1*	2.6	TAYLOR GA					97
				2	1.2	THOMAS GA					89
				1	.9	TIFT GA					83
		1	1.7			TOOMBS GA					
2	1.4	2	1.1	1	.4	TROUP GA	-20	-63	-71	12	61
1*	5.1					TURNER GA					
1	1.3					WALTON GA					
		1	.7	2	1.0	WARE GA		43			85
1*	4.8					WARREN GA					
1	1.8	1	1.7			WAYNE GA	-2				
1	.7	2	1.1	1	.5	WHITFIELD GA	57	-59	-35	52	63
1*	3.8					WILCOX GA					
		1	2.4			WILKES GA					
		1	1.9			WORTH GA					
		3	.4	2	.2	HAWAII HI		-55			
				1	.6	HAWAII HI					73
		2	.3	1	.1	HONOLULU HI		-47			51
		1	2.8			MAUI#HI					
20	.8	28	.9	11	.3	IDAHO ID	7	-70	-68		
1	.3	3	.7	1	.1	ADA ID	125	-81	-57	25	51
		1	.7			BANNOCK ID					
1*	3.6					BEAR LAKE ID					
		1*	4.2	1*	2.7	BENEWAH ID		-35			98
1*	6.4					BLAINE ID					
		1	1.2			BONNER ID					
2	1.8	2	1.5	1	.4	BONNEVILLE ID	-18	-72	-77	07	61
2	.7			3	.7	CANYON ID			-7	73	74
		1*	5.4			CARIBOU ID					
		2*	3.0			CASSIA ID					
				1*	3.3	CLEARWATER ID					98
		1*	3.2			ELMORE ID					
		1	1.9			GEM ID					
		1	2.0			GOODING ID					
		1	1.6			JEROME ID					
2	1.4	5*	2.7			KOOTENAI ID	89				
2	2.7	1	1.1			LATAH ID	-60				
		1*	6.6			LEWIS ID					
1*	2.8					MADISON ID					
		1	1.3			MINIDOKA ID					
2	2.1					NEZ PERCE ID					
1*	5.6					ONYHEE ID					
1	2.0			1	.8	PAYETTE ID			-61	21	79
		1*	6.8	1*	4.6	POWER ID		-33			99
2*	2.3	1	1.5			SHOSHONE ID	-38				
1	.5	2	.7	1	.3	TWIN FALLS ID	51	-54	-30	57	57

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1*	11.8					VALLEY ID					
		1	1.8	1	2.2	WASHINGTON ID		25			96
404	.9	367	.7	361*	.6	ILLINOIS IL	-23	-16	-35		
3	.7	3	.6	5	.7	ADAMS IL	-18	27	4	76	75
1	1.1			1	2.4	ALEXANDER IL			124	95	97
4*	3.7	1	1.0	3*	2.1	BOONE IL	-74	116	-44	40	96
1	1.7			1	4.2	BROWN IL			143	96	99
1	.4	6*	2.1	3	1.0	BUREAU IL	426	-52	152	97	85
2*	5.9					CALHOUN IL					
3*	2.4	1	1.0			CARROLL IL	-58				
1	1.2	1	.9			CASS IL	-22				
3	.7	2	.4	2	.3	CHAMPAIGN IL	-43	-30	-60	22	54
1	.5			1	.2	CHRISTIAN IL			-49	34	53
		1	.8			CLINTON IL					
3	1.1	1	.4	1	.5	COLES IL	-66	34	-55	27	65
208*	1.0	197*	.8	172*	.6	COOK IL	-17	-21	-34	52	72
2	1.5					CRAWFORD IL					
3	1.3	1	.4	1	.2	DE KALB IL	-71	-35	-81	04	53
1	.9	2	1.5	2	1.4	DE WITT IL	60	-2	57	89	91
11	1.3	4	.3	19*	.8	DU PAGE IL	-78	174	-39	47	78
5*	2.9			1	.5	EDGAR IL			-82	03	67
1	1.8	1	1.9	1	.9	EDWARDS IL	5	-55	-53	29	82
3*	2.3	2	1.4	1	.3	EFFINGHAM IL	-42	-78	-87	01	55
				1	.4	FAYETTE IL					61
3*	3.6					FORD IL					
		4	1.0	1	.2	FRANKLIN IL		-76			53
2	.8	1	.3	2	.5	FULTON IL	-62	75	-33	53	67
		1	1.9			GALLATIN IL					
				1	.8	GREENE IL					77
1	.8					GRUNDY IL					
		2*	2.6	1	1.2	HAMILTON IL		-55			89
2	1.1					HANCOCK IL					
		2*	3.4			HENDERSON IL					
1	.3	1	.2	5*	1.2	HENRY IL	-27	433	287	99	89
2	1.1	2	.8	2	.8	IROQUOIS IL	-29	-2	-31	56	77
		2	.9			JACKSON IL					
		3*	3.9			JASPER IL					
1	.6			1	.3	JEFFERSON IL			-45	38	56
		1	1.1			JERSEY IL					
1	.7	1	.9			JO DAVIESS IL	24				
		1	2.5			JOHNSON IL					
3	.3	7	.6	8	.6	KANE IL	112	-6	100	94	69
5	1.1	3	.6	2	.4	KANKAKEE IL	-49	-35	-67	15	58
		1	1.4	1	.8	KENDALL IL		-42			79
5	1.4	3	.6	2	.5	KNOX IL	-58	-11	-63	18	66
6	.7	7	.6	8	.5	LAKE IL	-22	-11	-31	56	66
3	.5	3	.4	4	.5	LA SALLE IL	-12	17	4	76	66
1	.8			2	1.0	LAWRENCE IL			28	84	85
2	1.0	3	1.5	3	1.2	LEE IL	43	-17	19	81	89
1	.4	2	.6	1	.3	LIVINGSTON IL	61	-46	-14	69	56
		3	1.3	1	.4	LOGAN IL		-66			62
		2	1.0	2	.9	MC DONOUGH IL		-3			83
3	.7	2	.4	7*	1.0	MC HENRY IL	-42	138	39	86	85
5	1.0	4	.7	2	.2	MC LEAN IL	-25	-75	-81	04	52
1	.2	3	.4	3	.3	MACON IL	110	-9	91	93	57
2	.6	1	.3	1	.2	MACOUPIN IL	-57	-4	-58	23	53
5	.6	4	.4	7	.5	MADISON IL	-34	22	-19	66	63
2	.8	3	1.0	3	1.0	MARION IL	24	1	25	83	86
				1	.8	MARSHALL IL					79
1	.9			2	1.8	MASON IL			95	93	94
1	1.4	1	1.1			MASSAC IL	-20				
		1	1.2			MENARD IL					
4*	4.3					MERCER IL					
		1	.9	1	.8	MONROE IL		-16			78
4	1.5			1	.3	MONTGOMERY IL			-82	03	54
2	.9	1	.3			MORGAN IL	-63				
2	2.3	1	1.0			MOULTRIE IL	-55				
		3	1.5	1	.3	OGLE IL		-82			54
3	.3	4	.3	2	.2	PEORIA IL	9	-50	-45	38	51
		1	.7	1	.6	PERRY IL		-19			69
5*	3.0	1	.7	1	.6	PIKE IL	-78	-7	-79	05	71
		1	2.4			PULASKI IL					
1*	3.6					PUTNAM IL					
2	1.2			2	.9	RANDOLPH IL			-28	59	81
1	1.0					RICHLAND IL					
8	1.1	9	1.0	6	.5	ROCK ISLAND IL	-8	-47	-52	30	68
4	.4	7	.6	5	.4	ST CLAIR IL	36	-38	-15	69	59
3	1.5	1	.5	3	.9	SALINE IL	-67	88	-37	49	83
7	.9	10	1.0	5	.5	SANGAMON IL	11	-53	-48	34	63
1	1.1					SCHUYLER IL					
1	2.6	1	1.9			SCOTT IL	-26				
				3*	1.5	SHELBY IL					93
2	.7	2	.5	3	.9	STEPHENSON IL	-25	60	20	82	81
6*	1.8	1	.2	5	.8	TAZEWELL IL	-88	279	-54	28	80
		1	.6	1	1.0	UNION IL		73			85
5	.9	3	.5	4	.6	VERMILION IL	-49	24	-37	49	70
				2	1.4	WASHINGTON IL					92
1	.9			1	.7	WAYNE IL			-25	62	75
				3*	2.3	WHITE IL					96
1	.4	3	1.0	4	1.1	WHITESIDE IL	160	8	182	98	86
7	1.0	4	.4	8	.7	WILL IL	-55	46	-35	51	73
6*	2.0	3	.9			WILLIAMSON IL	-58				
10	1.2	10	1.0	10	.8	WINNEBAGO IL	-21	-18	-36	51	78
2	1.5	2	1.3	1	.6	WOODFORD IL	-12	-56	-61	20	69
142	.7	188	.8	157	.5	INDIANA IN	10	-30	-23		
		1	.8	1	.6	ADAMS IN		-22			73
8	.9	6	.5	11	.7	ALLEN IN	-43	51	-13	70	77

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	.9	1	.4	2	.6	BARTHOLOMEW	IN	-57	51	-36	51	70
1	1.5			1	1.0	BENTON	IN			-33	54	85
2	1.2	4*	2.3	2	1.0	BOONE	IN	95	-59	-19	65	84
		1	2.6			BROWN	IN					
				2	1.3	CARROLL	IN					91
2	.6	2	.6	1	.3	CASS	IN	4	-56	-54	28	54
1	.4			1	.3	CLARK	IN			-43	41	54
3	2.0	1	.4	2	1.1	CLAY	IN	-78	137	-48	34	86
1	.4			2	1.0	CLINTON	IN			133	96	85
2	1.3	1	.5	1	.6	DAVIESS	IN	-61	16	-55	27	71
1	.8	2	1.3	5*	2.9	DEARBORN	IN	72	123	284	99	98
1	1.0	1	1.0			DECATUR	IN	-5				
2	1.3	3	1.8	2	1.1	DE KALB	IN	34	-40	-19	65	87
3	.7	6	1.0	2	.3	DELAWARE	IN	42	-65	-50	31	56
2	1.6	1	.6	2	.9	DUBOIS	IN	-60	43	-42	43	83
3	.7	5	.8	2	.2	ELKHART	IN	22	-81	-76	07	51
		1	.9			FAYETTE	IN					
1	.4	2	.6	2	.6	FLOYD	IN	60	0	61	90	73
		1	.8	3*	2.3	FOUNTAIN	IN		184			96
1	1.0					FRANKLIN	IN					
2	1.7	2	1.5			FULTON	IN	-11				
1	.6			1	.4	GIBSON	IN			-37	49	58
1	.3	2	.6	1	.3	GRANT	IN	87	-56	-18	67	53
2	1.0			1	.6	GREENE	IN			-41	44	71
		1	.5			HAMILTON	IN					
2	1.5	3*	1.6	3*	1.4	HANCOCK	IN	3	-11	-8	72	91
1	.7	2	.9	2	.8	HENDRICKS	IN	35	-10	21	82	79
3	1.2	1	.4	1	.4	HENRY	IN	-69	-1	-69	13	58
2	.7	4	1.1	1	.3	HOWARD	IN	60	-77	-64	18	54
2	.9	1	.4	1	.5	HUNTINGTON	IN	-58	41	-41	43	67
		1	.5			JACKSON	IN					
				2	1.0	JAY	IN					86
				1	.6	JEFFERSON	IN					72
1	1.2	3*	3.3	2*	1.5	JENNINGS	IN	183	-55	27	84	92
2	1.1			2	.8	JOHNSON	IN			-29	58	77
1	.4	2	.7	1	.5	KNOX	IN	100	-27	47	88	67
1	.5	5*	1.9	3	1.1	KOSCIUSKO	IN	326	-44	138	96	87
1	1.1			2*	1.8	LAGRANGE	IN			63	90	95
14	1.1	22*	1.3	13	.7	LAKE	IN	16	-46	-37	49	74
2	.6	4	.9	1	.2	LA PORTE	IN	55	-77	-65	17	52
3	1.7	1	.5	2	.8	LAWRENCE	IN	-69	49	-53	28	78
4	.8	4	.6	2	.3	MADISON	IN	-23	-54	-65	16	55
17	.7	29	.9	21	.5	MARION	IN	32	-39	-19	66	67
		2	1.0	1	.4	MARSHALL	IN		-60			59
		1	.6	2	1.0	MIAMI	IN		64			85
1	.4	3	1.1			MONROE	IN	151				
1	.5			1	.3	MONTGOMERY	IN			-42	42	55
1	.6	1	.5	1	.4	MORGAN	IN	-20	-15	-32	54	62
		1	.9			NEWTON	IN					
1	.5					NOBLE	IN					
		1*	2.9	1*	2.5	OHIO	IN		-15			97
1	1.1	2	1.7	1	.8	ORANGE	IN	57	-57	-32	54	77
1	1.3			1	.7	OWEN	IN			-49	33	74
1	.9					PARKE	IN					
				2	2.0	PERRY	IN					95
2	2.1					PIKE	IN					
5*	2.5	2	.8	4	.9	PORTER	IN	-67	6	-65	16	81
1	1.2			1	.6	POSEY	IN			-48	35	71
1	1.0					PUTNAM	IN					
				4*	1.9	RANDOLPH	IN					95
		2	1.5			RIPLEY	IN					
				1	.6	RUSH	IN					71
3	.3	8	.6	12	.8	ST JOSEPH	IN	86	27	137	96	79
1	.6	3	1.4	1	.6	SHELBY	IN	154	-59	3	76	69
1	1.1					STARKE	IN					
1	1.2					STEUBEN	IN					
1	.8	1	.7			SULLIVAN	IN	-8				
1	2.3	1	1.5			SWITZERLAND	IN	-33				
2	.5	1	.2	4	.7	TIPPECANOE	IN	-63	265	36	85	76
		2	1.6	1	.8	TIPTON	IN		-51			79
1	2.7					UNION	IN					
7	.9	10	1.1	4	.4	VANDERBURGH	IN	25	-62	-53	29	60
		2	1.3			VERMILLION	IN					
3	.5	6	.8	3	.4	VIGO	IN	69	-56	-26	61	58
1	.5	2	.7	1	.5	WABASH	IN	35	-35	-13	70	63
1	3.1					WARREN	IN					
		1	.8	1	.5	WARRICK	IN		-43			65
		1	1.2			WASHINGTON	IN					
3	.8	4	1.0	1	.2	WAYNE	IN	32	-77	-70	12	53
		1	.6	1	.4	WELLS	IN		-30			62
1	1.0	2	1.4	1	1.0	WHITE	IN	35	-28	-3	74	84
1	.9	2	1.4			WHITLEY	IN	57				
118	.8	130	.7	79	.4	IOWA	IA	-4	-48	-50		
				2*	2.1	ADAIR	IA					96
		2	1.8			ALLAMAKEE	IA					
		2	1.2			APPANOOSE	IA					
1	1.6					AUDUBON	IA					
4	.7	1	.2	3	.4	BLACK HAWK	IA	-75	109	-49	34	58
2	1.0	2	.8	2	.5	BOONE	IA	-20	-40	-52	30	65
1	.8	2	1.6			BREMER	IA	100				
1	.7					BUCHANAN	IA					
2	1.5	1	.5			BUENA VISTA	IA	-66				
2	2.1	1	.8	2	1.8	CALHOUN	IA	-60	112	-16	68	94
2	1.7	3*	1.6	1	.7	CARROLL	IA	-6	-57	-59	23	75
				1	.6	CASS	IA					71
2	2.1					CEDAR	IA					
3	1.0	3	.8	2	.4	CERRO GORDO	IA	-20	-51	-61	21	60
1	1.2					CLARKE	IA					
1	1.1			1	.6	CLAY	IA			-45	38	70

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
		2	1.2			CLAYTON IA					
1	.3	1	.3			CLINTON IA	-2				
		2	1.2			DALLAS IA					
				1	2.5	DAVIS IA					97
2	2.1			1	.9	DECATUR IA			-58	24	82
2	2.1	1	.8			DELAWARE IA	-64				
1	.4	4	1.1	2	.6	DES MOINES IA	167	-50	33	85	69
3*	4.4	2*	2.3			DICKINSON IA	-48				
9*	2.1	5	1.1	7*	1.1	DUBUQUE IA	-47	2	-46	37	87
		3*	3.3			EMMET IA					
2	1.2	2	1.1			FAYETTE IA	-6				
1	.8	1	.6	2	1.0	FLOYD IA	-27	75	29	84	83
		1	1.2	1	.4	FRANKLIN IA		-63			62
1	1.2	1	1.2			FREMONT IA	-7				
		1	1.1	2	1.7	GREENE IA		52			93
		1	.9	1	.6	GRUNDY IA		-29			72
1	1.1			2	2.9	GUTHRIE IA			172	98	98
3*	2.9	3*	2.6	1	.4	HAMILTON IA	-11	-83	-85	02	62
2	1.4	1	.6	1	.4	HARDIN IA	-58	-35	-73	10	58
				1	.5	HENRY IA					64
		1	1.0			HUMBOLDT IA					
		1	1.4			IDA IA					
		1	1.2	3*	2.5	IOWA IA		106			97
1	.8	2	1.3	1	.8	JACKSON IA	66	-38	4	76	80
1	.6	1	.6	1	.4	JASPER IA	-4	-27	-30	57	61
		2	1.6			JEFFERSON IA					
3	1.3	1	.4			JOHNSON IA	-66				
				1	.6	JONES IA					73
		1	.9	1	.4	KEOKUK IA		-58			58
2	1.5					KOSSUTH IA					
1	.3	6*	2.1	2	.8	LEE IA	511	-61	135	96	80
1	.2	8	1.1	3	.3	LINN IA	571	-73	79	92	55
		1	1.3			LOUISA IA					
				1	.8	LUCAS IA					79
1	1.4					LYON IA					
2	2.4	1	.6			MADISON IA	-73				
1	.6			1	.7	MAHASKA IA			19	81	74
2	1.4	1	.4	1	.6	MARION IA	-70	60	-52	29	73
		1	1.1			MILLS IA					
2	2.2	3*	3.3			MITCHELL IA	51				
4	1.9	2	.9			MUSCATINE IA	-51				
1	1.0	3*	2.6	1	.3	O'BRIEN IA	162	-87	-67	15	56
		1	1.7			OSCEOLA IA					
		3	1.6			PAGE IA					
1	1.3	1	1.0			PALO ALTO IA	-24				
1	.8			2	1.3	PLYMOUTH IA			64	91	90
				1	.8	POCAHONTAS IA					78
16	1.3	10	.7	6	.3	POLK IA	-49	-50	-75	09	56
2	.5	3	.6	3	.6	POTTAWATTAMIE IA	18	-1	17	81	69
		2	1.9			POWESHIEK IA					
		1	1.1			RINGGOLD IA					
2	1.7					SAC IA					
6	1.0	6	.9	3	.3	SCOTT IA	-16	-59	-66	15	57
1	1.0	1	.9	1	.9	SHELBY IA	-10	0	-10	71	83
1	.8	2	1.3	1	.6	SIOUX IA	58	-54	-27	60	71
2	.8					STORY IA					
		2	1.5			TAMA IA					
1	.9	1	1.8	1	1.5	TAYLOR IA	106	-18	69	91	92
1	.6					UNION IA					
		1	1.5			VAN BUREN IA					
		2	.5	1	.3	WAPELLO IA		-50			54
3*	2.7	1	.7	2	1.1	WARREN IA	-73	43	-61	20	87
1	.9					WAYNE IA					
1	.3	1	.3	3	.6	WEBSTER IA	0	110	109	95	72
		1	1.3			WINNEBAGO IA					
2	1.5	2	1.5			WINNESHIEK IA	-6				
4	.7	3	.5	3	.5	WOODBURY IA	-33	2	-32	55	65
		2*	2.5			WORTH IA					
1	.9					WRIGHT IA					
82	.8	70	.5	51	.3	KANSAS KS	-29	-42	-58		
2*	2.9					ANDERSON KS					
				1	.7	ATCHISON KS					74
1	.7	5*	3.0			BARTON KS	312				
1	.6					BOURBON KS					
				1	.9	BROWN KS					83
1	.5	1	.4	1	.3	BUTLER KS	-13	-24	-34	52	56
1	3.0			1*	1.1	CHASE KS			-64	17	87
2	1.3	1	.6	1	.5	CHEROKEE KS	-55	-14	-61	20	66
		2	1.5			CLAY KS					
2	1.4	2	1.4			CLOUD KS	-3				
				1*	2.7	COMANCHE KS					98
2	.7	1	.4			COWLEY KS	-51				
2	1.0	1	.3	3	.9	CRAWFORD KS	-73	247	-7	73	82
1	2.4					DECATUR KS					
1	.9					DICKINSON KS					
		1	1.4			DONIPHAN KS					
		4*	2.1			DOUGLAS KS					
				2*	2.0	FINNEY KS					95
		2	1.6			FORD KS					
2	1.2	2	1.2			FRANKLIN KS	-3				
				1	.6	GEARY KS					72
		1*	3.4			GRAY KS					
		1	.9			GREENWOOD KS					
3*	4.3					HARPER KS					
1	.6			1	.4	HARVEY KS			-38	47	58
				1*	5.6	HASKELL KS					99
1	1.1					JACKSON KS					
1	.8					JEFFERSON KS					
1	1.5					JEWELL KS					

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1	.4			3	.3	JOHNSON KS			-22	64	56
1	1.5					KINGMAN KS					
1	.6	1	.5	3	1.1	LABETTE KS	-12	112	88	93	87
				2	.7	LEAVENWORTH KS					75
1	1.4					LINN KS					
		1*	5.0			LOGAN KS					
3	1.7					LYON KS					
2	1.6			2	.8	MC PHERSON KS			-49	33	80
				1	.4	MARION KS					60
3	2.3					MIAMI KS					
				1	1.0	MITCHELL KS					85
3	1.0	1	.3			MONTGOMERY KS	-70				
1	1.7	2*	4.3			MORRIS KS	159				
		1*	7.6			MORTON KS					
1	1.3			1	1.0	NEMAHA KS			-19	66	86
1	.6	1	.5			NEOSHO KS	-18				
		1	2.1			NESS KS					
1	1.3	2	1.9	1	.6	OSAGE KS	42	-66	-52	30	73
1	2.2					OSBORNE KS					
2*	3.4					OTTAWA KS					
		1	1.5			PAWNEE KS					
1	1.8					PHILLIPS KS					
1	1.0			1	.7	POTTAWATOMIE KS			-32	55	74
1	1.5			1	.9	PRATT KS			-38	48	83
		1	.2	2	.5	RENO KS		117			68
		2*	2.3	1	1.0	REPUBLIC KS		-54			86
1	1.1	1	1.6	1	.7	RICE KS	54	-59	-37	50	74
2	1.5			2	1.2	RILEY KS			-18	67	89
2*	4.8					ROOKS KS					
1	1.7	3*	4.5			RUSSELL KS	169				
				1	.3	SALINE KS					54
9	.8	8	.5	3	.2	SEDGWICK KS	-35	-71	-81	04	51
		1	1.7			SEWARD KS					
6	.9	7	.9	7	.7	SHAWNEE KS	-2	-23	-24	63	75
3*	8.5			1	1.9	SHERMAN KS			-77	06	95
		1	1.4			STAFFORD KS					
1*	15.0					STANTON KS					
1	.5	1	.4	1	.6	SUMNER KS	-30	55	8	79	70
		1	2.4			THOMAS KS					
1*	18.6					WALLACE KS					
		1	.8			WASHINGTON KS					
1	1.0	1	.7			WILSON KS	-33				
4	.6	7	.8	2	.2	WYANDOTTE KS	33	-70	-60	22	53
86	.7	90	.6	107	.6	KENTUCKY KY	-15	-5	-20		
1	1.3	1	2.0	1	1.1	ADAIR KY	45	-44	-19	66	87
1	1.3			1	1.1	ALLEN KY			-18	67	87
1	1.8					ANDERSON KY					
1	1.6					BALLARD KY					
1	.8	3*	1.7	2	1.0	BARREN KY	119	-45	20	82	84
		1	.6	1	.5	BELL KY		-25			63
		1	1.2	2	1.3	BOONE KY		12			90
1	1.2			1	1.2	BOURBON KY			-1	75	89
4	1.9	4	1.5	6*	1.7	BOYD KY	-21	15	-9	72	94
		1	.8	1	.8	BOYLE KY		2			78
1	2.2					BRACKEN KY					
		1	1.5	1	1.4	BREATHITT KY		-8			91
2	2.6	2*	1.9			BRECKINRIDGE KY	-27				
		2*	2.7	1	.9	BULLITT KY		-66			83
1	2.1					BUTLER KY					
1	.8					CALLOWAY KY					
7	1.6	2	.4	6	1.1	CAMPBELL KY	-77	189	-33	54	87
1	2.6	1	2.2			CARROLL KY	-16				
1	1.2			2	2.0	CARTER KY			63	90	95
1	1.6					CASEY KY					
2	1.2	1	.5	2	1.0	CHRISTIAN KY	-62	117	-18	67	85
1	1.0	3*	2.9	1	.5	CLARK KY	179	-82	-48	34	67
		3*	3.8			CLAY KY					
		1	2.4	1	1.5	CLINTON KY		-40			92
				1	1.9	CRITTENDEN KY					95
3	1.1	2	.6	2	.5	DAVIESS KY	-48	-14	-55	27	64
		1*	3.6			ELLIOTT KY					
1	.2	1	.1	7	.8	FAYETTE KY	-50	676	284	99	80
		1	.7	1	.5	FLOYD KY		-30			67
1	.9			1	.5	FRANKLIN KY			-47	36	64
				2*	5.2	FULTON KY					99
		1	1.8			GARRARD KY					
2*	3.6			2*	2.2	GRANT KY			-39	46	96
1	.5	1	.5	3	1.1	GRAVES KY	-5	117	107	94	87
1	1.1			1	.6	GRAYSON KY			-45	37	71
		1	1.5			GREEN KY					
		1	.8	1	.5	GREENUP KY		-34			68
		1*	4.2			HANCOCK KY					
				3	1.1	HARDIN KY					87
2	1.2					HARLAN KY					
		1	1.1	1	.8	HARRISON KY		-31			78
1	1.7			1	1.1	HART KY			-38	47	87
1	.6	1	.6			HENDERSON KY	3				
1	1.5			1	1.2	HENRY KY			-20	64	89
1	2.7					HICKMAN KY					
3	1.6	1	.5	2	.7	HOPKINS KY	-69	42	-56	26	76
16	.7	14	.5	9	.3	JEFFERSON KY	-35	-47	-65	16	53
1	1.8			1	1.2	JESSAMINE KY			-35	51	89
1	1.2	1	.9			JOHNSON KY	-22				
2	.3	4	.6	4	.5	KENTON KY	76	-8	62	90	68
1	1.9	2*	2.9	1	1.1	KNOTT KY	51	-61	-41	43	88
				2*	2.2	LAPUE KY					96
		3*	2.2	4*	2.1	LAUREL KY		-3			96
				1	1.3	LAWRENCE KY					90
				1	.6	LETCHER KY					73

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		1	1.5			LEWIS KY					
1	1.4			1	.9	LINCOLN KY			-33	53	83
		1	1.5			LIVINGSTON KY					
1	.7			1	.7	LOGAN KY			-8	72	74
2*	6.4	1*	3.1	1*	2.3	LYON KY	-50	-27	-64	18	97
1	.4	3	.9	4	1.0	MC CRACKEN KY	123	10	147	97	84
				1	1.3	MC CREARY KY					91
2	1.6	1	.6			MADISON KY	-62				
		1	1.2			MARSHALL KY					
1	3.9					MARTIN KY					
3*	8.2					MEADE KY					
1	1.4			2*	1.6	MERCER KY			12	79	93
		1	1.6			MONROE KY					
		1	1.4			MONTGOMERY KY					
1	.8	1	.6	1	.4	MUHLENBERG KY	-22	-38	-52	29	60
				1	.6	NELSON KY					69
		1	1.0	1	.9	OHIO KY		-11			82
		1	2.0			OLDHAM KY					
1	2.3	1	2.2			OWEN KY	-6				
				1	1.9	PENDLETON KY					95
		1	.9			PERRY KY					
		1	.4	2	.6	PIKE KY		70			73
				1*	2.1	POWELL KY					96
		2	.9			PULASKI KY					
		1*	4.0			ROBERTSON KY					
		1	1.6			ROCKCASTLE KY					
				2*	2.4	ROWAN KY					97
				1	.9	RUSSELL KY					81
		1	1.2			SCOTT KY					
1	2.0			2*	2.6	SIMPSON KY			35	85	98
				1	.7	TAYLOR KY					76
		1	2.6			TRIGG KY					
1	.5	1	.4	1	.3	WARREN KY	-23	-27	-44	41	55
1	1.8			1	1.4	WASHINGTON KY			-23	63	91
1	1.5					WAYNE KY					
		2	1.5	1	.4	WHITLEY KY		-72			61
1	1.6	1	1.9			WOODFORD KY	14				
56	.7	65	.6	71	.5	LOUISIANA LA	-11	-21	-29		
1	.7	3	1.6	3	1.2	ACADIA LA	122	-29	58	89	88
3*	5.0	1	1.2			ALLEN LA	-76				
				1	.7	ASCENSION LA					75
		2*	4.2	1	2.0	ASSUMPTION LA		-54			95
1	.7	1	.5			AVOYELLES LA	-28				
		1	1.2			BIENVILLE LA					
				1	.4	BOSSIER LA					59
3	.6	3	.4	3	.3	CADDO LA	-35	-28	-53	29	55
5*	2.1	1	.2	5	.8	CALCASIEU LA	-89	257	-59	23	81
1	3.1					CALDWELL LA					
				1	.8	CLAIBORNE LA					78
				1	.9	DE SOTO LA					83
1	.2	3	.5	6	.6	EAST BATON ROUGE LA	94	38	168	97	73
		1	1.1	1	1.2	FRANKLIN LA		6			89
		1	.6	1	.4	IBERIA LA		-39			57
1	1.4	1	1.3	1	1.0	IBERVILLE LA	-2	-27	-28	59	84
1	.5	1	.2	2	.1	JEFFERSON LA	-56	-37	-72	10	51
		1	.8	3*	1.8	JEFFERSON DAVIS LA		120			95
		4	1.6	2	.4	LAFAYETTE LA		-74			61
1	.7	2	1.0	2	.8	LAFOURCHE LA	45	-21	14	80	78
		1	1.6			LA SALLE LA					
				1	.6	LIVINGSTON LA					69
1*	3.8					MADISON LA					
2	2.6	2	1.7	1	.6	NATCHITOCHES LA	-33	-66	-78	06	70
19	.9	18	.7	16	.6	ORLEANS LA	-18	-10	-26	61	73
		1	.4	2	.4	OUACHITA LA		4			60
4	1.2			1	.2	PARIDES LA			-82	03	52
		2*	2.6			RICHLAND LA					
		2	2.0			ST BERNARD LA					
1	2.7	1	.8			ST CHARLES LA	-72				
1*	5.4					ST HELENA LA					
		1	2.2			ST JAMES LA					
				1	1.4	ST JOHN THE BAPT LA					91
1	.5	1	.5	1	.4	ST LANDRY LA	-2	-17	-19	66	60
1	1.3	1	1.3			ST MARTIN LA	-3				
1	1.2			1	.6	ST MARY LA			-48	34	71
		1	.7	4*	1.3	ST TAMMANY LA		82			90
				1	.3	TANGIPAHOA LA					54
1*	5.0					TENSAS LA					
3*	2.2			1	.5	TERREBONNE LA			-78	06	66
				1	.6	UNION LA					70
2	1.4	5*	2.9	3	1.0	VERMILION LA	101	-63	-26	61	86
				1	.7	VERNON LA					75
		1	.7	1	.4	WASHINGTON LA		-47			59
1	.7	1	.8			WEBSTER LA	6				
		1	1.8			WEST CARROLL LA					
				1	.9	WINN LA					83
40	.8	42	.7	31	.4	MAINE ME	-9	-38	-44		
4	.8	5	.9	1	.1	ANDROSCOGGIN ME	8	-85	-84	03	51
2	.6			1	.1	AROOSTOOK ME			-77	07	51
5	.5	9	.7	4	.3	CUMBERLAND ME	61	-63	-41	44	54
				3	1.2	HANCOCK ME					89
3	.6	4	.6	2	.3	KENNEBEC ME	5	-47	-44	39	56
3	1.3	1	.3	1	.3	KNOX ME	-78	13	-75	08	56
1	1.0	2	1.0	1	.6	LINCOLN ME	2	-41	-40	46	71
2	.8	1	.3	2	.6	OXFORD ME	-61	66	-34	52	69
6	1.0	7	1.1	6	.8	PENOBSCOT ME	8	-25	-19	66	80
2	1.8	1	.7	1	.8	PISCATAQUIS ME	-63	27	-53	29	80
2	1.3	2	1.3			SAGADAHOC ME	-5				

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1	.5	5*	2.2	3	.8	SOMERSET ME	340	-64	57	89	78
		1	.8			WALDO ME					
6*	2.9	1	.6	1	.6	WASHINGTON ME	-78	1	-77	06	73
3	.5	3	.5	5	.6	YORK ME	-8	17	7	78	70
78	.8	104	.8	87	.5	MARYLAND MD	-3	-35	-37		
1	.2	9*	1.7	3	.5	ALLEGANY MD	602	-71	104	94	66
1	.3	2	.4	5	.4	ANNE ARUNDEL MD	38	1	40	86	60
6	.6	20	.9	14	.4	BALTIMORE MD	56	-52	-26	62	62
1	1.1					CAROLINE MD					
2	.8			2	.4	CARROLL MD			-43	41	61
2	1.5	2	1.0	1	.4	CECIL MD	-31	-58	-71	11	62
2	1.5	2	1.3	1	.4	DORCHESTER MD	-15	-66	-71	11	62
2	.7	4	1.1	2	.4	FREDERICK MD	68	-68	-46	37	57
				1	.9	GARRETT MD					81
		1	.4	2	.4	HARFORD MD		-3			60
		1	.7	1	.4	HOWARD MD		-48			58
8	1.0	7	.4	11	.4	MONTGOMERY MD	-63	21	-55	27	62
8	1.0	15*	1.2	12	.6	PRINCE GEORGE'S MD	24	-49	-36	50	72
		1	1.6	1	.5	QUEEN ANNE'S MD		-68			65
		1	1.2			ST MARY'S MD					
				1	.9	SOMERSET MD					81
2	1.8	2	1.8			TALBOT MD	-2				
3	.7	4	.8	2	.3	WASHINGTON MD	8	-66	-63	18	54
2	1.0					WICOMICO MD					
		2	1.5	1	.6	WORCESTER MD		-57			72
36	.9	31	.8	27	.6	BALTIMORE CITY MD	-15	-17	-30	57	73
248	.9	219	.6	243*	.6	MASSACHUSETTS MA	-25	-5	-29		
2	.4	1	.2	15*	1.3	BARNSTABLE MA	-57	553	182	98	90
9	1.1	6	.7	14*	1.3	BERKSHIRE MA	-37	86	17	81	90
30*	1.2	16	.6	16	.4	BRISTOL MA	-51	-29	-65	16	62
		1	1.5			DUKES MA					
31	.9	30	.8	27	.6	ESSEX MA	-16	-25	-37	49	69
2	.5	1	.2	3	.6	FRANKLIN MA	-53	156	20	62	70
17	.8	14	.5	26*	.8	HAMPDEN MA	-36	63	5	77	80
		5	.8	7	1.0	HAMPSHIRE MA		26			85
56	.9	51	.7	45	.5	MIDDLESEX MA	-23	-27	-44	40	65
25	.9	25	.7	17	.4	NORFOLK MA	-22	-44	-56	26	60
15	1.1	10	.6	12	.6	PLYMOUTH MA	-45	-4	-47	36	71
33	.7	45	.9	39*	.8	SUFFOLK MA	30	-5	24	82	80
28	.9	14	.4	22	.5	WORCESTER MA	-58	40	-42	43	66
260	.9	255	.7	229	.5	MICHIGAN MI	-22	-28	-44		
		1	3.1			ALCONA MI					
				1	1.7	ALGER MI					93
		1	.4	2	.6	ALLEGAN MI		58			71
1	.9			2	1.3	ALPENA MI			44	87	90
		1	2.2			BARAGA MI					
				1	.6	BARRY MI					69
6	1.4	5	1.0	2	.3	BAY MI	-30	-66	-76	08	56
5	.8	5	.7	3	.4	BERRIEN MI	-14	-50	-57	25	57
1	.5	1	.6	1	.3	BRANCH MI	13	-40	-32	55	57
8	1.4	4	.5	7	.8	CALHOUN MI	-61	60	-38	48	80
2	1.4			1	.3	CASS MI			-79	05	55
		1	1.2			CHARLEVOIX MI					
1	1.4			1	.8	CHEBOYGAN MI			-43	42	79
1	.9	3*	2.4	2	1.3	CHIPPEWA MI	170	-46	46	87	90
1	1.7			1	.7	CLARE MI			-58	24	76
		3	1.8	1	.5	CLINTON MI		-74			64
		2	.9	1	.5	DELTA MI		-43			68
		2	1.1			DICKINSON MI					
		2	.8	2	.4	EATON MI		-50			59
		1	.8			EMMET MI					
13	1.1	15	1.1	19*	1.1	GENESEE MI	-4	-1	-5	74	87
		1	2.0	1	1.8	GLADWIN MI		-9			94
3*	2.1					GOGEBIC MI					
1	.5	2	.8			GRAND TRAVERSE MI	60				
2	.9	2	.9	3	1.3	GRATIOT MI	-1	48	46	87	90
		1	.5			HILLSDALE MI					
4	1.5	3	1.6			HOUGHTON MI	4				
1	.7	2	1.0	1	.4	HURON MI	51	-63	-44	40	59
9	1.1	6	.6	1	.1	INGHAM MI	-44	-86	-92	00	50
5*	2.5	1	.5	1	.3	IONIA MI	-80	-33	-86	01	57
				1	.6	IOSCO MI					71
3*	3.3	2	1.8	2	1.2	IRON MI	-46	-34	-65	17	89
		4*	2.6	1	.4	ISABELLA MI		-83			63
5	.9	6	.9	1	.1	JACKSON MI	4	-91	-91	00	50
3	.4	2	.2	1	.1	KALAMAZOO MI	-41	-64	-79	05	50
10	.6	15	.8	20*	.8	KENT MI	24	5	30	84	80
		1*	8.0			KEWEENAW MI					
3	1.7	1	.4	1	.5	LAPEER MI	-74	10	-72	11	65
		1	1.6			LEELANAU MI					
2	.5	3	.8			LENAWEE MI	67				
1	.5	1	.4			LIVINGSTON MI	-20				
				1	1.4	MACKINAC MI					92
8	1.0	13	.9	11	.4	MACOMB MI	-10	-54	-58	24	60
1	.9	1	1.0	1	.6	MANISTEE MI	6	-42	-38	48	70
1	.4	2	.7	2	.7	MARQUETTE MI	77	-4	69	91	75
		1	.7			MASON MI					
3*	2.7			1	.6	MECOSTA MI			-78	06	70
3*	2.5			1	.4	MENOMINEE MI			-83	03	61
2	2.0	1	.6	2	.7	MIDLAND MI	-72	26	-64	17	76
1	3.2	2*	6.1			MISSAUKEE MI	93				
3	.9	1	.2	6	1.0	MONROE MI	-80	477	14	80	86
1	.4	1	.5			MONTCALM MI	14				
1*	5.1	1*	2.9			MONTMORENCY MI	-43				
9*	2.0	1	.2	2	.3	MUSKEGON MI	-92	63	-87	01	54

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
2	1.7	1	.7	1	.5	NEWAYGO MI	-58	-30	-70	12	66
24*	1.3	18	.6	20	.4	OAKLAND MI	-53	-27	-66	16	63
3*	3.3			3*	2.3	OCEANA MI			-30	57	97
		1	1.4	2*	1.8	OGEMAW MI		32			94
1	1.7			1	1.5	ONTONAGON MI			-16	68	92
4*	5.7			1	.8	OSCEOLA MI			-86	02	79
				3*	3.6	OTSEGO MI					99
4	1.0	3	.7	2	.3	OTTAWA MI	-29	-61	-73	10	55
1	1.8	2*	3.1	1	1.0	PRESQUE ISLE MI	68	-67	-44	39	86
11*	1.7	6	.7	3	.3	SAGINAW MI	-60	-61	-84	02	54
2	.4	4	.7	6	.8	ST CLAIR MI	77	10	94	93	78
2	.8	1	.4			ST JOSEPH MI	-54				
		1	.4	2	.6	SANILAC MI		59			72
		1	2.1	1	1.5	SCHOOLCRAFT MI		-30			92
1	.5	1	.4	1	.3	SHIAWASSEE MI	-21	-14	-32	55	56
2	1.0	1	.4	1	.4	TUSCOLA MI	-63	18	-56	26	61
1	.4	1	.3	2	.5	VAN BUREN MI	-27	70	24	83	67
2	.3	1	.1	7	.8	WASHTENAW MI	-61	471	123	95	77
75	.9	88	.8	63	.6	WAYNE MI	-5	-31	-35	51	69
1	.9			1	.8	WEXFORD MI			-15	69	78
132	.8	126	.6	139	.6	MINNESOTA MN	-24	-12	-33		
		1	1.1	2*	2.1	AITKIN MN		95			96
3	1.9	3	1.4	3	.7	ANOKA MN	-24	-50	-62	19	75
1	.7					BECKER MN					
		1	.8			BELTRAMI MN					
		1	1.0			BENTON MN					
				1	1.4	BIG STONE MN					91
		3	1.1			BLUE EARTH MN					
1	.7			3	1.1	BROWN MN			57	89	88
2	1.9			2	1.1	CARLTON MN			-40	45	88
2	2.0					CARVER MN					
1	1.4			1	1.1	CASS MN			-21	64	87
		2	1.8			CHIPPEWA MN					
				1	1.3	CHISAGO MN					90
		1	.6			CLAY MN					
		2*	5.2			CLEARWATER MN					
1	1.2			1	.5	COTTONWOOD MN			-62	20	63
				1	.3	CROW WING MN					56
2	.9	3	.6	3	.5	DAKOTA MN	-28	-23	-45	39	65
				1	1.7	DODGE MN					94
2	1.6					DOUGLAS MN					
		1	.8	2	1.1	FARIBAULT MN		34			87
2	1.3			3*	1.1	FILLMORE MN			-13	70	88
1	.5	2	.9	1	.3	FREEBORN MN	80	-71	-48	35	54
1	.5	2	.7	1	.2	GOODHUE MN	34	-68	-56	25	53
1	2.3					GRANT MN					
27	.7	35	.7	36	.6	HENNEPIN MN	1	-13	-12	71	71
1	1.3	1	1.0			HOUSTON MN	-21				
		2*	2.8			ISANTI MN					
2	1.4	1	.6	4*	1.8	ITASCA MN	-61	223	25	83	94
		1	1.0	1	.9	JACKSON MN		-15			81
				1	1.8	KANABEC MN					95
				2	.9	KANDIYOHI MN					82
		1	3.1			KITTSON MN					
				1	.9	KOOCHICHING MN					82
1	1.5	1	.8	1	.5	LAC QUI PARLE MN	-46	-35	-65	16	67
2	1.8	1	.6	1	.4	LE SUEUR MN	-68	-23	-76	08	61
		3*	2.3	2	1.1	LYON MN		-54			87
1	.7					MC LEOD MN					
		1	1.1	1	.6	MARSHALL MN		-45			72
2	1.7					MARTIN MN					
1	1.1	1	.7	1	.8	MEEKER MN	-35	15	-25	62	79
1	1.4					MILLE LACS MN					
2	1.7	1	.7	2	1.2	MORRISON MN	-61	73	-33	54	89
				3	1.1	MOWER MN					86
1	1.9					MURRAY MN					
		1	.6	2	1.3	NICOLLET MN		115			90
1	1.2					NOBLES MN					
1	1.6			2*	2.9	NORMAN MN			82	92	98
3	1.0	1	.3			OLMSTED MN	-74				
5	1.8	6*	1.8	4	.8	OTTER TAIL MN	3	-55	-54	28	79
				1	.7	PENNINGTON MN					75
2	2.0					PINE MN					
1	1.6					PIPESTONE MN					
1	.6	1	.6			POLK MN	-3				
		1	1.0			POPE MN					
15	.7	15	.6	15	.5	RAMSEY MN	-16	-19	-32	54	65
1	.9	1	.7	1	.5	REDWOOD MN	-20	-30	-44	40	67
1	.8			1	.4	RENVILLE MN			-52	30	59
3	1.6	1	.4			RICE MN	-73				
		3*	3.9			ROCK MN					
		1	1.5			ROSEAU MN					
21*	1.9	12	.9	11	.8	ST LOUIS MN	-53	-16	-60	22	77
				1	.7	SCOTT MN					73
2*	3.3			1	.9	SHERBURNE MN			-72	11	82
1	1.0					SIBLEY MN					
2	.6			3	.6	STEARNS MN			2	76	72
1	.9	1	.9	2	.9	STEELE MN	-3	10	7	78	83
				1	1.6	STEVENS MN					93
2	2.6					SWIFT MN					
2	1.5	4*	2.7	1	.6	TODD MN	79	-78	-61	20	70
		1	1.9			TRAVERSE MN					
				1	.7	WABASHA MN					76
				3*	3.3	WADENA MN					98
1	.7	1	.4	2	.6	WASHINGTON MN	-40	54	-7	73	71
1	1.2	1	1.0	1	1.8	WATONWAN MN	-18	90	56	88	95
3	1.4	2	.6	3	.8	WINONA MN	-54	22	-44	41	78
		2	1.1	1	.2	WRIGHT MN		-79			52
1	1.2					YELLOW MEDICINE MN					

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
27	.5	34	.5	50	.5	MISSISSIPPI MS	-3	9	5		
				1	.9	ADAMS MS					83
1	.8			4*	2.1	ALCORN MS			159	97	96
		1	1.9			AMITE MS					
				1	1.0	ATTALA MS					86
		1*	7.2			BENTON MS					
1	1.3					BOLIVAR MS					
1	1.5			1	.8	CALHOUN MS			-43	42	80
		1	1.6			CHICKASAW MS					
1	2.2					CLARKE MS					
				1	1.5	CLAY MS					92
				1	1.2	COAHOMA MS					90
1	3.7			2*	2.6	COVINGTON MS			-31	56	97
				1	.6	DE SOTO MS					69
1	1.0	1	.4	3	1.1	FORREST MS	-57	168	16	80	88
1*	2.8					FRANKLIN MS					
				1*	1.8	GREENE MS					95
		1	1.8			GRENADA MS					
1	.4	2	.6	1	.2	HARRISON MS	60	-74	-58	23	51
2	.7	2	.3	1	.1	HINDS MS	-52	-58	-80	04	51
1	1.7					HOLMES MS					
		1*	3.0	1*	3.3	HUMPHREYS MS		9			98
1	.9					JACKSON MS					
		1	1.6			JASPER MS					
1	.5	1	.5	3	.9	JONES MS	-3	88	83	93	82
		1	1.1	1	.9	LAFAYETTE MS		-17			82
				1	1.3	LAMAR MS					90
1	.5	1	.3	3	.7	LAUDERDALE MS	-30	125	56	88	76
1	.7	1	.7			LEE MS	8				
		1	1.1	1	.8	LEFLORE MS		-27			80
2	2.0	1	.8	2	1.6	LINCOLN MS	-58	90	-20	65	93
		2	1.6	3*	1.8	LOWNDES MS		9			94
				1	.8	MADISON MS					77
				1	1.3	MARSHALL MS					91
1	.7			2	1.0	MONROE MS			37	86	85
		1	2.8	1	1.0	MONTGOMERY MS		-64			86
1	1.2					NESHOBA MS					
1	1.3					NEWTON MS					
		2	1.5	1	.4	PIKE MS		-72			62
		1	1.0	1	.8	PONTOTOC MS		-18			78
				1	.7	PRENTISS MS					74
				1	.6	RANKIN MS					72
				1	.9	SCOTT MS					82
		3*	3.7	2*	1.7	SIMPSON MS		-55			93
1	2.4					SMITH MS					
		1*	3.6			STONE MS					
1	1.3	1	1.2	1	1.2	SUNFLOWER MS	-3	0	-4	74	89
		1	2.0			TALLAHATCHIE MS					
1	2.4	1	2.0			TATE MS	-16				
		1	1.1			TISHOMINGO MS					
		1	2.1	1	1.8	WALTHALL MS		-16			94
1	1.0	2	1.5			WARREN MS	52				
				1	.6	WASHINGTON MS					70
1	2.0			1	1.4	WAYNE MS			-30	57	92
				1	1.0	WINSTON MS					84
1	2.1					YALOBUSHA MS					
1	1.5					YAZOO MS					
155	.7	161	.6	141	.4	MISSOURI MO	-13	-27	-36		
2	2.4	4*	4.4	2*	1.4	ANDREW MO	82	-68	-42	43	91
		1	1.1			ATCHISON MO					
2	1.4	2	.9			AUDRAIN MO	-39				
1	.9	1	.9	2	1.4	BARRY MO	2	58	61	90	91
1	1.0	2	2.0			BARTON MO	95				
1	.7	1	.6			BATES MO	-11				
1	2.7					BENTON MO					
1	.4	1	.2	3	1.0	BOONE MO	-33	289	159	97	84
4	.6	4	.5	2	.2	BUCHANAN MO	-19	-59	-67	15	52
2	1.5			1	.5	BUTLER MO			-65	17	67
1	1.0					CALDWELL MO					
		1	.5	1	.4	CALLAWAY MO		-21			61
1	2.0					CAMDEN MO					
		1	.5			CAPE GIRARDEAU MO					
1	.8	1	.6	2	.8	CASS MO	-26	22	-9	72	77
1	1.1					CEDAR MO					
1	1.3	1	.8			CHARITON MO	-35				
		1	1.3	1	.8	CHRISTIAN MO		-40			79
		2	.4	2	.4	CLAY MO		-6			59
1	1.7	2	2.3	1	.7	CLINTON MO	30	-69	-60	22	75
1	.6	2	.9			COLE MO	57				
		1	.9	1	.6	COOPER MO		-36			70
		1	.9			CRAWFORD MO					
		1	2.5			DADE MO					
				2*	2.0	DALLAS MO					95
				1	.6	DENT MO					72
2*	4.6					DOUGLAS MO					
3	1.7	2	1.0			DUNKLIN MO	-44				
1	.5	2	.8	7*	2.1	FRANKLIN MO	62	161	322	99	96
		2	1.9			GASCONADE MO					
		2*	2.0	1	.8	GENTRY MO		-61			79
4	.6	1	.1	2	.2	GREENE MO	-74	20	-69	13	51
1	.7	1	.7	2	1.2	GRUNDY MO	-7	71	60	90	88
				1	.8	HARRISON MO					79
1	.9	2	1.0	1	1.1	HENRY MO	7	16	23	82	87
		1	1.5			HOLT MO					
1	.6	1	.6	1	.4	HOWELL MO	-5	-35	-38	47	59
24	.8	24	.7	21	.5	JACKSON MO	-17	-25	-38	48	66
4	.8	2	.3	4	.5	JASPER MO	-58	46	-39	46	64

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WHITE FEMALE 1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
		2	.6	2	.4	JEFFERSON MO		-41			58
1	.8					JOHNSON MO					
		1	1.4			KNOX MO					
		2	1.7			LACLEDE MO					
1	.8	1	.4			LAFAYETTE MO	-46				
1	.6	2	1.1			LAWRENCE MO	72				
		1	.9	1	.5	LEWIS MO		-43			67
1	1.1					LINCOLN MO					
		1	.5			LINN MO					
1	.8			1	.6	LIVINGSTON MO			-26	61	69
		1	1.1			MC DONALD MO					
				1	.5	MACON MO					64
1	2.2					MARIES MO					
				1	.5	MARION MO					63
				1	.7	MILLER MO					74
1	1.5					MISSISSIPPI MO					
		1	1.5			MONITEAU MO					
		1	.7			MONROE MO					
1	.8	1	.9			MONTGOMERY MO	12				
				1	.7	MORGAN MO					76
2	1.5					NEW MADRID MO					
1	.6	1	.6	2	.7	NEWTON MO	1	24	26	83	76
		1	.5			NODAWAY MO					
		1	1.0	2*	2.6	OREGON MO		151			97
1	1.9					OSAGE MO					
1	1.1			2	1.8	PEMISCOT MO			57	69	94
		2*	2.4	1	1.3	PERRY MO		-44			91
3	1.7	3	1.0	1	.4	PETTIS MO	-37	-58	-74	09	62
1	.8			3*	1.4	PHELPS MO			69	91	91
				2	1.8	PIKE MO					94
1	1.0			1	.7	PLATTE MO			-35	51	74
1	.8	1	.7			RANDOLPH MO	-11				
1	.8	1	.6			RAY MO	-22				
				1	1.1	RIPLEY MO					88
		1	.4	1	.2	ST CHARLES MO		-45			53
2*	3.3			1	1.0	STE GENEVIEVE MO			-69	14	86
		1	.3	2	.5	ST FRANCOIS MO		35			63
18	.8	21	.6	22	.4	ST LOUIS COUNTY MO	-21	-28	-43	42	62
1	.7	1	.5	1	.3	SALINE MO	-37	-24	-53	29	57
		1	1.7			SCHUYLER MO					
1	2.9					SCOTLAND MO					
2	1.7			1	.4	SCOTT MO			-79	05	58
1	2.5					SHANNON MO					
2	1.4					STODDARD MO					
		1	1.5			STONE MO					
				1	1.1	SULLIVAN MO					87
		1	1.3	1	.5	TANEY MO		-64			64
1	1.0	3*	2.3			TEXAS MO	127				
1	.5	1	.4	2	1.0	VERNON MO	-17	134	95	94	85
				1	.7	WARREN MO					74
		2*	2.6			WASHINGTON MO					
1	4.0					WORTH MO					
1	1.2	2	2.4	3*	2.1	WRIGHT MO	100	-13	74	92	96
41	.9	32	.8	21	.6	ST LOUIS CITY MO	-19	-23	-38	47	70
18	.7	24	.7	23	.6	MONTANA MT	12	-20	-11		
		1*	3.1			BEAVERHEAD MT					
		1*	3.9			BLAINE MT					
		2*	3.4			CARBON MT					
5*	2.3	1	.3	4	.9	CASCADE MT	-86	190	-61	21	82
1	1.6	1	1.7	2*	2.0	CUSTER MT	4	22	26	83	96
1	2.3					DAWSON MT					
				2*	1.9	DEER LODGE MT					95
1	.5			1	.5	FLATHEAD MT			4	76	65
1	.9	2	1.4	1	.5	GALLATIN MT	45	-62	-44	39	67
		1	1.5	1	1.4	HILL MT		-7			91
1	.7	1	.6			LEWIS AND CLARK MT	-14				
2*	4.7					LINCOLN MT					
		1*	3.3			MADISON MT					
				2	.7	MISSOULA MT					75
		1*	9.4			POWDER RIVER MT					
1	1.6					RAVALLI MT					
1	2.2					RICHLAND MT					
		1*	4.3			ROSEBUD MT					
				2*	4.9	SANDERS MT					99
		2*	5.4			SHERIDAN MT					
2	.8	3	1.1	3	1.0	SILVER BOW MT	34	-11	18	81	84
		2*	8.8			SWEET GRASS MT					
				1*	6.7	WHEATLAND MT					99
2	.6	4	1.1	4	.9	YELLOWSTONE MT	93	-20	53	88	82
52	.7	61	.7	52	.5	NEBRASKA NB	-7	-26	-32		
1	.5	1	.5	2	.8	ADAMS NB	-9	77	61	90	80
1	1.8					ANTELOPE NB					
1	1.7					BOONE NB					
		1	1.3			BOX BUTTE NB					
1	1.6					BURT NB					
1	1.5			1	1.1	BUTLER NB			-27	59	88
1	1.3			1	.9	CASS NB			-26	61	83
		1	1.5	1	1.0	CHEYENNE NB		-32			86
2*	2.5					COLFAX NB					
1	1.0	1	1.2	2	1.0	CUSTER NB	15	-12	1	75	86
				1	1.2	DAKOTA NB					89
		1	.6			DAWSON NB					
				1*	2.4	DEUEL NB					97
		1	1.4			DIXON NB					
2	1.4	2	1.1	1	.4	DODGE NB	-21	-63	-70	12	60
12	.8	15	.8	11	.5	DOUGLAS NB	0	-37	-37	50	66
		1	1.0	1	1.0	FILLMORE NB		2			86

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	2.5			1	1.3	FRANKLIN	NB			-47	36	91
1	1.6			1	3.7	FURNAS	NB			131	96	99
1	.5	1	.4	1	.4	GAGE	NB	-27	7	-22	64	60
		1*	18.6			GRANT	NB					
2	1.0	1	.5	2	.7	HALL	NB	-52	53	-27	60	76
1	1.7					HAMILTON	NB					
1	1.4	1	.9			HOLT	NB	-37				
		1	2.3			HOWARD	NB					
		2	1.8	1	.7	JEFFERSON	NB		-59			76
		1	1.7			KEARNEY	NB					
1	1.3	1	1.0	2*	2.7	KNOX	NB	-22	164	105	94	98
7	.9	5	.6	5	.5	LANCASTER	NB	-41	-15	-50	32	64
		1	.6			LINCOLN	NB					
		2	1.0			MADISON	NB					
		2*	3.7			NANCE	NB					
1	1.3					NEMAHA	NB					
1	1.6					NUCKOLLS	NB					
1	1.1			2	1.0	OTOE	NB			-9	71	84
1	2.2					PAWNEE	NB					
1*	5.8					PERKINS	NB					
		1	1.4	1	.5	PHELPS	NB		-62			67
1	2.6	2*	3.1			PIERCE	NB	20				
2	1.8	1	.9	2	1.0	PLATTE	NB	-48	6	-44	39	85
				2	.9	RICHARDSON	NB					82
		2	2.3	2	1.7	SALINE	NB		-27			93
				1	.7	SARPY	NB					74
		2	1.5			SAUNDERS	NB					
1	.5	1	.5	3	1.2	SCOTTS BLUFF	NB	13	125	153	97	89
1	1.2			1	1.4	SEWARD	NB			18	81	91
		2*	3.4			SHERIDAN	NB					
		1*	3.4			SHERMAN	NB					
1	1.4	2*	3.4			THAYER	NB	144				
				1*	2.3	THURSTON	NB					96
		1	1.3			VALLEY	NB					
2*	2.6	1	.8	1	1.3	WASHINGTON	NB	-68	57	-51	31	90
		1	1.4			WAYNE	NB					
1	.9	1	.8	1	.5	YORK	NB	-10	-44	-50	32	63
3	.4	11	.9	6	.2	NEVADA	NV	105	-72	-43		
2	.9	4	.8	1	.1	CLARK	NV	-5	-91	-92	00	50
				2*	3.4	ELKO	NV					98
				1*	5.7	PERSHING	NV					99
1	.4	7*	1.6	2	.3	WASHOE	NV	288	-81	-27	60	55
23	.7	21	.5	16	.3	NEW HAMPSHIRE	NH	-26	-43	-58		
3	1.8	1	.5	2	.6	BELKNAP	NH	-74	41	-64	18	72
4	1.8	2	.7	2	.5	CHESHIRE	NH	-59	-29	-71	12	67
				1	.4	COOS	NH					62
2	.6	1	.3	1	.3	GRAFTON	NH	-59	9	-55	27	55
6	.6	6	.5	6	.4	HILLSBOROUGH	NH	-20	-22	-38	48	59
4	1.0	3	.6	1	.1	MERRIMACK	NH	-38	-82	-89	00	51
1	.2	2	.3	3	.4	ROCKINGHAM	NH	49	9	63	90	58
2	.7	4	1.2			STRAFFORD	NH	73				
1	.7	2	1.3			SULLIVAN	NH	76				
244	.9	280*	.8	251*	.6	NEW JERSEY	NJ	-11	-28	-36		
6	.7	12	1.0	6	.5	ATLANTIC	NJ	35	-51	-34	52	64
26	.8	33	.8	38	.7	BERGEN	NJ	-1	-14	-15	69	74
8	1.4	4	.5	7	.5	BURLINGTON	NJ	-65	6	-62	19	66
9	.5	18	.9	9	.4	CAMDEN	NJ	59	-59	-34	53	58
3	1.3	5	1.2	6	1.0	CAPE MAY	NJ	-7	-19	-25	62	84
2	.4	4	.7	2	.3	CUMBERLAND	NJ	63	-57	-30	57	55
58*	1.3	40	.8	24	.5	ESSEX	NJ	-37	-42	-63	18	64
5	1.3	5	.8	1	.1	GLOUCESTER	NJ	-42	-86	-92	00	51
25	.8	28	.8	34*	.9	HUDSON	NJ	3	15	18	81	82
2	.7	5	1.5	2	.3	HUNTERDON	NJ	105	-76	-51	31	57
13	1.1	25*	1.7	10	.6	MERCER	NJ	64	-66	-44	40	70
10	.7	22*	1.1	14	.5	MIDDLESEX	NJ	64	-53	-23	63	66
16	1.1	11	.6	15	.5	MONMOUTH	NJ	-51	-3	-52	30	68
7	.7	8	.6	13	.6	MORRIS	NJ	-17	12	-7	73	72
1	.2	7	.8	8	.5	OCEAN	NJ	383	-36	209	98	68
23	1.3	20	.9	24*	.9	PASSAIC	NJ	-32	2	-31	56	81
1	.5	2	.7	1	.3	SALEM	NJ	45	-56	-35	51	56
2	.3	3	.4	5	.5	SOMERSET	NJ	26	26	59	89	68
1	.4	1	.3	4	.9	SUSSEX	NJ	-36	239	116	95	83
23	1.0	24	.9	27*	.8	UNION	NJ	-17	-10	-25	62	78
3	.9	3	.7	1	.3	WARREN	NJ	-22	-60	-68	14	54
19	.9	15	.5	34*	.7	NEW MEXICO	NM	-48	53	-20		
5	1.1	1	.1	10	.6	BERNALILLO	NM	-92	612	-43	42	73
3*	2.3					CHAVES	NM					
1	2.6					COLFAX	NM					
				3*	1.6	CURRY	NM					93
		2	1.2	2	.7	DONA ANA	NM		-42			75
1	1.1	2	1.0	2	.9	EDDY	NM	-10	-15	-23	63	81
				2*	1.9	GRANT	NM					95
1*	4.5					GUADALUPE	NM					
				2	1.1	LEA	NM					88
1*	5.6					MORA	NM					
				2	1.5	OTERO	NM					92
1	1.3			1	1.7	RIO ARRIBA	NM			33	85	93
				1	1.3	ROOSEVELT	NM					91
				1	1.1	SANDOVAL	NM					86
		2*	2.1	1	.5	SAN JUAN	NM		-76			66
4*	2.7	2	1.3	3	.8	SANTA FE	NM	-51	-38	-69	13	80
		1	1.3	1	.9	SIERRA	NM		-28			83
2*	3.4	1	1.4			TAOS	NM	-58				

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
				1*	2.4	TORRANCE	NM					97
		2*	6.1	1*	2.1	UNION	NM		-66			96
		2*	2.1	1	.8	VALENCIA	NM		-60			80
800*	1.0	773*	.8	674*	.6	NEW YORK	NY	-20	-24	-39		
12	.8	11	.6	6	.3	ALBANY	NY	-22	-57	-66	15	54
2	.9	2	.9	3	.9	ALLEGANY	NY	-6	-4	-10	71	81
86*	1.2	57	.7	51	.7	BRONX	NY	-41	3	-40	45	75
10	1.0	4	.3	7	.5	BROOME	NY	-65	44	-50	32	65
1	.2	3	.5	1	.2	CATTARAUGUS	NY	164	-70	-22	64	51
7	1.6	3	.7	3	.6	CAYUGA	NY	-57	-9	-61	21	71
7	.8	10	1.0	9	.8	CHAUTAUQUA	NY	20	-23	-7	73	77
1	.2	1	.2	6	.9	CHEMUNG	NY	-13	483	409	99	82
2	.9	2	.9	2	.8	CHENANGO	NY	-6	-8	-13	70	79
		3	1.1	2	.5	CLINTON	NY		-56			65
1	.3	3	.9	1	.2	COLUMBIA	NY	199	-73	-20	65	53
1	.5	2	.9			CORTLAND	NY	94				
1	.4			4	1.3	DELAWARE	NY			252	99	90
8	.9	4	.3	9	.7	DUTCHESS	NY	-62	102	-24	63	73
43	.9	53*	.9	45	.7	ERIE	NY	1	-27	-26	61	74
2	1.0	1	.4			ESSEX	NY	-62				
1	.4	1	.3	4*	1.6	FRANKLIN	NY	-16	357	285	99	93
5	1.4	3	.7			FULTON	NY	-54				
3	1.2	1	.3	2	.5	GENESEE	NY	-73	64	-56	26	66
3	1.4	2	.9	1	.3	GREENE	NY	-38	-67	-60	05	55
1*	4.0					HAMILTON	NY					
5	1.2	3	.7	5	1.0	HERKIMER	NY	-38	29	-20	65	84
3	.6	3	.5	1	.1	JEFFERSON	NY	-11	-71	-74	09	51
166*	1.4	111*	.8	87	.7	KINGS(BROOKLYN)	NY	-41	-18	-52	30	73
1	.7	2	1.5			LEWIS	NY	103				
5*	2.1	1	.4	2	.7	LIVINGSTON	NY	-79	65	-65	16	76
		2	.7	3	.9	MADISON	NY		32			83
26	.9	27	.7	16	.4	MONROE	NY	-16	-51	-58	23	58
		2	.4			MONTGOMERY	NY					
39	1.0	48	.8	55*	.7	NASSAU	NY	-21	-15	-32	54	75
130*	1.4	153*	1.6	73*	.8	NEW YORK(MANHATTAN)	NY	15	-53	-46	37	77
3	.3	10	.8	12	.8	NIAGARA	NY	179	1	181	98	80
8	.6	11	.7	11	.6	ONEIDA	NY	9	-12	-4	74	70
16	.8	14	.6	12	.4	ONONDAGA	NY	-29	-30	-50	31	61
2	.5	4	.9	4	.7	ONTARIO	NY	93	-25	44	87	75
9	.9	7	.6	7	.5	ORANGE	NY	-35	-14	-44	40	66
2	1.1			1	.4	ORLEANS	NY			-67	15	58
2	.5	3	.6	6	1.1	OSWEGO	NY	23	100	146	97	88
1	.3	4	1.0	1	.2	OTSEGO	NY	304	-81	-25	62	52
2	1.3	4*	1.8	3	.9	PUTNAM	NY	38	-52	-33	53	82
83	1.0	81	.7	83	.6	QUEENS	NY	-29	-14	-38	47	71
4	.5	8	.9	6	.5	RENSSELAER	NY	98	-42	14	80	67
8	.8	7	.6	11	.6	RICHMOND	NY	-32	13	-24	63	72
4	.8	5	.7	8	.7	ROCKLAND	NY	-15	1	-14	69	74
6	1.1	6	1.0	4	.6	ST LAWRENCE	NY	-5	-45	-47	35	70
2	.5	4	.7	3	.4	SARATOGA	NY	38	-43	-22	64	59
4	.5	9	.9	4	.3	SCHENECTADY	NY	74	-60	-31	56	57
2	1.4			2	1.0	SCHOHARIE	NY			-29	58	84
				1	1.0	SCHUYLER	NY					85
1	.5	2	1.1	2	.5	SENECA	NY	138	-51	16	80	68
6	1.1	2	.3	3	.5	STEUBEN	NY	-73	85	-50	31	68
11	.5	18	.5	27	.5	SUFFOLK	NY	-2	0	-2	75	64
		2	.6	1	.2	SULLIVAN	NY		-62			53
2	1.0	1	.5			TIOGA	NY	-55				
5	1.1	2	.5	1	.3	TOMPKINS	NY	-50	-37	-68	14	57
9	1.3	5	.6	8	.8	ULSTER	NY	-52	32	-36	50	80
4	1.5					WARREN	NY					
3	1.0	1	.4	2	.5	WASHINGTON	NY	-63	49	-45	38	68
2	.5	2	.4	1	.2	WAYNE	NY	-22	-54	-64	17	52
22	.6	40	.8	48*	.8	WESTCHESTER	NY	43	-3	38	86	80
5*	2.3			2	.8	WYOMING	NY			-64	17	80
2	1.6	3*	2.3	2	1.1	YATES	NY	41	-53	-34	53	87
89	.8	85	.5	85	.3	NORTH CAROLINA	NC	-34	-31	-54		
1	.5			1	.2	ALAMANCE	NC			-55	26	52
				1	1.0	ALEXANDER	NC					85
		1	2.7			ALLEGHANY	NC					
		1	1.0			ANSON	NC					
2	2.1	1	.9	2	1.6	ASHE	NC	-57	69	-27	60	93
		1	1.7			AVERY	NC					
		1	.7			BEAUFORT	NC					
		1	1.5			BERTIE	NC					
2*	3.1					BLADEN	NC					
1	2.0			1	.8	BRUNSWICK	NC			-61	20	78
6	1.0	1	.1	5	.6	BUNCOMBE	NC	-86	304	-43	41	70
1	1.0	2	.8	1	.3	BURKE	NC	-21	-59	-67	14	56
2	1.0	2	.6	3	.6	CABARRUS	NC	-36	3	-34	53	72
		1	.5			CALDWELL	NC					
				1	.4	CARTERET	NC					58
		1	1.8			CASWELL	NC					
1	.6			1	.2	CATAWBA	NC			-70	13	52
2	2.9	2	1.7			CHATHAM	NC	-42				
		2*	2.3			CHEROKEE	NC					
				1*	2.0	CLAY	NC					95
2	1.0	2	.8	4	1.1	CLEVELAND	NC	-17	26	5	77	86
1	.9			1	.5	COLUMBUS	NC			-38	47	68
				1	.5	CRAVEN	NC					67
1	.5	1	.3	2	.4	CUMBERLAND	NC	-36	31	-17	68	63
1*	2.8					DARE	NC					
2	.9	1	.3	2	.3	DAVIDSON	NC	-72	33	-62	19	57
1	1.7	1	1.1			DAVIE	NC	-35				
2	.6	3	.9			DURHAM	NC	38				
1	.8	1	.7	1	.6	EDGECOMBE	NC	-15	-9	-23	64	71
4	.9	2	.3	2	.2	FORSYTH	NC	-69	-28	-78	06	52

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
3	.8	4	.8	5	.7	GASTON	NC	3	-18	-15	68	74
		1*	3.4			GATES	NC					
1*	4.3					GRAHAM	NC					
2	1.9	1	1.1			GRANVILLE	NC	-44				
4	.6	5	.5	12	.9	GUILFORD	NC	-2	59	56	88	81
1	.6	1	.5	1	.3	HAYWOOD	NC	-13	-28	-38	48	57
1	.6	1	.5	2	.5	HENDERSON	NC	-19	3	-17	67	65
1	2.0	2*	3.5			HERTFORD	NC	72				
2	1.0	1	.3	1	.3	IREDELL	NC	-69	-15	-73	10	54
		1	1.3	2*	1.5	JACKSON	NC		22			93
				1	.4	JOHNSTON	NC					59
				1	.7	LEE	NC					75
		1	.8	1	.5	LENOIR	NC		-35			68
2	2.4	3*	2.2	1	.6	LINCOLN	NC	-7	-75	-77	07	69
		2	1.4	1	.5	MC DOWELL	NC		-67			64
1	1.5					MADISON	NC					
1	2.9					MARTIN	NC					
5	1.0	3	.3	2	.1	MECKLENBURG	NC	-69	-56	-86	01	51
1	1.6					MITCHELL	NC					
1	1.5	1	1.3	1	.9	MONTGOMERY	NC	-12	-35	-43	42	81
				2	.9	MOORE	NC					81
1	1.3			2	.7	NASH	NC			-43	42	76
4	1.9	2	.7			NEW HANOVER	NC	-63				
		1	1.4	1	1.3	NORTHAMPTON	NC		-6			90
1	.8			1	.5	ORANGE	NC			-44	39	63
		1	2.1			PAMLICO	NC					
		2*	2.1	1	.9	PASQUOTANK	NC		-56			83
		1	1.6			PENDER	NC					
1	1.9					PERSON	NC					
3*	2.4			1	.4	PITT	NC			-84	02	59
2	1.0	2	.8			RANDOLPH	NC	-20				
1	1.0	1	.7			RICHMOND	NC	-32				
2	1.4			1	.3	ROBESON	NC			-76	08	57
1	.4					ROCKINGHAM	NC					
2	.9	2	.6	2	.4	ROWAN	NC	-34	-40	-60	21	58
2	1.4	2	.9	1	.3	RUTHERFORD	NC	-34	-67	-78	06	55
2	1.7	1	.8	2	.9	SAMPSON	NC	-53	14	-47	36	82
				1	1.0	SCOTLAND	NC					84
		1	.5	1	.3	STANLY	NC		-39			55
2	1.3	2	1.0	1	.2	SURRY	NC	-25	-76	-82	03	53
				1	2.1	SWAIN	NC					96
		1	.5	1	.3	UNION	NC		-44			54
		2	1.8			VANCE	NC					
4	.9	2	.3	1	.1	WAKE	NC	-67	-64	-88	01	51
		1*	2.9			WASHINGTON	NC					
1	1.5	1	1.0			WATAUGA	NC	-31				
1	.6	1	.5			WAYNE	NC	-18				
		2	.9			WILKES	NC					
				2	.9	WILSON	NC					81
				2	1.3	YADKIN	NC					90
		2*	2.7			YANCEY	NC					
18	.7	24	.7	22	.6	NORTH DAKOTA	ND	1	-16	-15		
				1	.6	BARNES	ND					72
2*	5.1					BOTTINEAU	ND					
1*	4.2	2*	6.8	1*	3.5	BURKE	ND	63	-48	-16	68	99
		1	.6	1	.4	BURLEIGH	ND		-30			62
2	.7	2	.6	1	.2	CASS	ND	-19	-63	-70	12	52
				1	1.5	DICKEY	ND					93
		2*	5.7			EMMONS	ND					
1	.7	3	1.3			GRAND FORKS	ND	78				
				1*	3.5	GRANT	ND					99
		1*	3.4	1*	2.3	GRIGGS	ND		-32			97
1	2.2			1	1.8	LA MOURE	ND			-17	67	94
1	2.0	1	2.0			MC HENRY	ND	-1				
		1*	3.2			MC KENZIE	ND					
1*	4.2	1*	3.1			MERCER	ND	-26				
1	1.3			3*	2.6	MORTON	ND			106	94	97
		1*	6.6			OLIVER	ND					
3*	5.7					RAMSEY	ND					
		2	1.8	1	1.2	RICHLAND	ND		-34			89
		1*	3.9			ROLETTE	ND					
				1*	2.5	SARGENT	ND					97
1	1.5			2*	2.0	STARK	ND			39	86	96
				1	.5	STUTSMAN	ND					64
		1	.9	1	1.0	WALSH	ND		16			85
3	1.9	4*	1.9	4*	1.9	WARD	ND	2	-2	0	75	95
1	1.0	1	.7	1	.5	WILLIAMS	ND	-30	-27	-49	33	67
401*	1.0	345	.7	336	.6	OHIO	OH	-28	-18	-41		
		3*	2.2			ADAMS	OH					
6	1.3	4	.8	6	1.0	ALLEN	OH	-38	29	-20	65	86
1	.5	1	.4	1	.5	ASHLAND	OH	-18	6	-13	70	63
4	.9	5	1.0	5	.8	ASHTABULA	OH	11	-20	-11	71	79
2	.8	2	.7			ATHENS	OH	-18				
		1	.6	3	1.1	AUGLAIZE	OH		103			88
3	.6	2	.4	3	.5	BELMONT	OH	-36	32	-15	68	65
1	.9			2	1.2	BROWN	OH			35	85	89
7	1.0	6	.7	5	.4	BUTLER	OH	-33	-38	-58	24	61
1	.9	1	.8			CARROLL	OH	-4				
1	.9	1	.5			CHAMPAIGN	OH	-43				
8	1.4	5	.7	8	.9	CLARK	OH	-53	41	-33	53	83
1	.5	4	1.0	3	.7	CLERMONT	OH	120	-29	56	88	76
1	.5	2	1.1	1	.4	CLINTON	OH	111	-68	-31	55	58
5	.9	1	.1	4	.6	COLUMBIANA	OH	-84	321	-34	52	72
3	1.7	1	.4	1	.5	COSHOCTON	OH	-75	4	-73	10	64
3	1.4	1	.4	2	.7	CRAWFORD	OH	-73	105	-46	37	77
75*	1.1	54	.7	60	.6	CUYAHOGA	OH	-41	-2	-42	43	73
2	.7	1	.5			DARKE	OH	-36				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	1970S
2	1.4			1	.6	DEFIANCE OH			-62	20	69
3	1.7	1	.6			DELAWARE OH	-67				
1	.4	4	1.2	5*	1.2	ERIE OH	217	4	231	98	90
2	.6	1	.2	2	.4	FAIRFIELD OH	-56	80	-21	64	63
		2	1.0			FAYETTE OH					
17	.7	28	.9	19	.5	FRANKLIN OH	28	-44	-28	59	65
1	.7					FULTON OH					
1	.8	1	.7			GALLIA OH	-15				
3	2.0	2	1.1	2	.7	GEAUGA OH	-45	-33	-63	19	76
1	.4	3	.9	5	1.3	GREENE OH	114	34	185	98	90
2	.8	1	.3	1	.3	GUERNSEY OH	-65	-11	-69	14	54
34	.8	30	.7	39*	.8	HAMILTON OH	-22	15	-10	71	78
2	.7	4	1.3	5*	1.2	HANCOCK OH	89	-7	76	92	89
1	.6					HARDIN OH					
1	1.1	1	.7	1	.8	HARRISON OH	-32	1	-32	55	77
1	.9	1	.7	1	.5	HENRY OH	-18	-32	-45	38	64
1	.6	1	.4	3	1.3	HIGHLAND OH	-27	209	124	95	90
1	.9					HOCKING OH					
3*	3.3	2	1.3	4*	3.5	HOLMES OH	-61	168	5	77	99
		5*	2.0			HURON OH					
3	1.8	1	.6			JACKSON OH	-64				
1	.3	4	.8	4	.7	JEFFERSON OH	143	-12	115	95	75
3	1.4	3	1.0			KNOX OH	-27				
7*	2.0	2	.4	6	.6	LAKE OH	-81	70	-68	14	73
1	.4	2	.8	3	.9	LAWRENCE OH	89	18	123	95	82
6	1.4	4	.8	1	.2	LICKING OH	-41	-79	-88	01	51
2	.9	1	.3	4*	1.6	LOGAN OH	-62	356	73	92	93
11*	1.4	8	.9	10	.8	LORAIN OH	-40	-7	-44	40	79
31*	1.6	11	.4	12	.4	LUCAS OH	-71	-3	-72	11	62
		1	.8	2	1.6	MADISON OH		115			93
16*	1.3	11	.7	12	.7	MAHONING OH	-42	-4	-45	39	76
10*	3.2	1	.2			MARION OH	-92				
6*	2.5	4	1.2	2	.4	MEDINA OH	-52	-69	-85	02	59
1	.6					MEIGS OH					
1	.5	1	.5	1	.4	MERCER OH	-7	-14	-20	65	61
5	1.4	3	.7	4	.8	MIAMI OH	-47	4	-45	38	78
1	1.3	1	.9	1	.8	MONROE OH	-29	-15	-39	46	77
15	.8	16	.7	12	.4	MONTGOMERY OH	-11	-41	-47	35	61
1	1.8			2*	2.4	MORGAN OH			29	84	97
2	2.4	2	1.8			MORROW OH	-23				
1	.2	2	.4			MUSKINGUM OH	113				
		2*	2.8			NOBLE OH					
1	.7	2	1.0	1	.4	OTTAWA OH	39	-63	-49	33	59
1	1.7	4*	4.3			PAULDING OH	151				
				2	1.0	PERRY OH					84
1	1.4			1	.7	PIKE OH			-48	34	75
1	.3	1	.3	4	.9	PORTAGE OH	-19	214	155	97	81
1	.7					PREBLE OH					
1	.8	1	.5	2	1.2	PUTNAM OH	-28	119	58	89	89
2	.4	3	.6	1	.1	RICHLAND OH	32	-80	-74	09	51
		1	.4			ROSS OH					
3	1.2	1	.3	4	.9	SANDUSKY OH	-71	154	-27	60	81
1	.2	2	.4	3	.5	SCIOTO OH	79	16	108	95	66
3	1.1	2	.7			SENECA OH	-40				
1	.6	1	.6			SHELBY OH	-8				
8	.5	15	.8	8	.4	STARK OH	55	-53	-26	60	58
22	1.1	27*	1.1	21	.7	SUMMIT OH	-1	-39	-40	45	74
8	1.1	4	.4	7	.6	TRUMBULL OH	-61	31	-49	33	69
7*	1.7	6	1.3	5	1.0	TUSCARAWAS OH	-23	-20	-38	48	86
1	.7	1	.8			UNION OH	14				
1	.6	2	1.1	1	.3	VAN WERT OH	102	-70	-39	47	57
1	1.8			1	1.5	VINTON OH			-17	67	93
2	1.0	1	.4	1	.3	WARREN OH	-59	-36	-74	09	53
4	1.3	3	.8	3	.9	WASHINGTON OH	-35	4	-32	55	82
3	.9	2	.5	3	.6	WAYNE OH	-46	23	-34	52	71
2	1.1					WILLIAMS OH					
1	.3	3	.7			WOOD OH	129				
		1	.9			WYANDOT OH					
72	.7	60	.4	66	.4	OKLAHOMA OK	-37	-11	-44		
5*	8.2					ALFALFA OK					
1	.9			3*	1.5	BECKHAM OK			64	91	93
		1	1.3			BLAINE OK					
				1	.4	BRYAN OK					61
1	.6			2	.8	CADDO OK			38	86	80
2	2.2			1	.3	CANADIAN OK			-85	02	56
		2	.7	1	.3	CARTER OK		-52			56
1	2.1	1	1.1	1	.8	CHEROKEE OK	-48	-30	-63	18	77
1	.4	1	.5	1	.2	CLEVELAND OK	11	-49	-44	41	53
3	1.4	2	.9			COMANCHE OK	-40				
		1	2.1	1	1.3	COTTON OK		-35			91
2	1.7					CRAIG OK					
1	.5	2	.9			CREEK OK	70				
1	1.0	1	.7			CUSTER OK	-26				
				1	1.6	DEWEY OK					93
				1	3.1	ELLIS OK					98
		1	.3	1	.2	GARFIELD OK		-46			52
		1	.5	1	.4	GARVIN OK		-18			59
		3	1.6			GRADY OK					
				1	.6	GRANT OK					72
1	1.3	1	1.0			GREER OK	-26				
		1*	2.5	1*	1.5	HARPER OK		-40			92
		1	.7			HUGHES OK					
				1	.9	JACKSON OK					81
2*	3.7					JEFFERSON OK					
1	1.8					JOHNSTON OK					
2	.8	2	.6	1	.2	KAY OK	-28	-63	-74	09	52
1	1.6					KINGFISHER OK					
		1	.9	1	.8	KIOWA OK		-3			80
1	.6	1	.4	1	.3	LE FLORE OK	-30	-19	-43	41	57

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
3*	2.5	1	.7	1	1.0	LINCOLN OK	-71	36	-61	21	85
		1	.6	1	.7	LOGAN OK		17			74
1	1.3			1	.8	MC CLAIN OK			-35	51	81
		1	.9	1	.5	MC CURTAIN OK		-44			66
1	2.2					MAJOR OK					
		1	1.4	1	1.0	MARSHALL OK		-26			85
				1	.5	MAYES OK					67
		1	1.1			MURRAY OK					
2	.7	2	.5	2	.5	MUSKOGEE OK	-19	-12	-29	58	64
1	1.4	2*	3.2			NOBLE OK	128				
9	.6	8	.4	9	.3	OKLAHOMA OK	-36	-10	-43	42	57
2	1.0	2	.8	2	.6	OKMULGEE OK	-22	-24	-41	44	71
2	1.1			1	.5	OTTAWA OK			-60	22	63
1	1.2	2*	2.3			PAWNEE OK	84				
2	1.0	1	.4	3	1.2	PAYNE OK	-56	198	30	84	90
1	.5			1	.3	PITTSBURG OK			-39	46	55
3	1.9	2	.8	4*	1.7	PONTOTOC OK	-57	109	-11	71	93
4	1.5			2	.4	POTTAWATOMIE OK			-74	09	60
2	1.4			1	.4	SEMINOLE OK			-70	13	62
2	1.0			2	.6	STEPHENS OK			-41	44	71
		1	1.5			TILLMAN OK					
5	.4	10	.6	10	.5	TULSA OK	37	-21	8	78	63
				1	.7	WAGONER OK					76
2	1.2					WASHINGTON OK					
2	2.3	1	1.5			WASHITA OK	-33				
1	1.2					WOODS OK					
		1	1.0	1	1.0	WOODWARD OK		3			85
68	.9	70	.7	65	.5	OREGON OR	-24	-31	-47		
1	1.1	1	.8	1	.8	BAKER OR	-23	-2	-25	62	79
		1	.5	1	.4	BENTON OR		-33			58
6	1.2	6	.9	8	.8	CLACKAMAS OR	-22	-17	-35	51	78
6*	4.0	1	.6			CLATSOP OR	-84				
2	1.6	4*	3.2	1	.5	COLUMBIA OR	94	-83	-67	14	67
3	1.7			1	.3	COOS OR			-81	04	56
				2*	3.2	CROOK OR					98
		2	1.3	1	.4	DESCHUTES OR		-71			58
1	.5	1	.3	1	.2	DOUGLAS OR	-32	-34	-55	27	52
		1*	8.8			GILLIAM OR					
		1*	4.9			HARNEY OR					
		1	1.3	2*	2.3	HOOD RIVER OR		72			97
4	1.3	3	.7	6	.9	JACKSON OR	-51	36	-33	54	82
		1*	2.6			JEFFERSON OR					
		3	1.4	1	.2	JOSEPHINE OR		-84			53
1	.7	1	.7	2	.8	KLAMATH OR	0	16	16	81	79
3	.6	7	.8	3	.2	LANE OR	40	-73	-62	19	53
				4*	1.7	LINCOLN OR					94
1	.4	4	1.2	1	.2	LINN OR	186	-81	-47	36	52
1	.2	2	.2	3	.2	MARION OR	29	-5	22	82	52
30	1.0	24	.6	20	.5	MULTNOMAH OR	-39	-26	-55	27	64
1	.8					POLK OR					
1	1.5			1	.8	TILLAMOOK OR			-47	35	78
2	1.3	2	.8			UMATILLA OR	-39				
				1	1.8	WALLOWA OR					95
1	1.1	1	.9			WASCO OR	-15				
2	.6	3	.5	4	.5	WASHINGTON OR	-22	-6	-26	61	64
2	1.0			1	.3	YAMHILL OR			-73	10	54
515*	1.0	459*	.7	443*	.6	PENNSYLVANIA PA	-26	-19	-41		
3	1.3			1	.2	ADAMS PA			-81	03	53
79*	1.0	72	.8	63	.6	ALLEGHENY PA	-22	-24	-40	45	72
4	1.1	2	.4	7*	1.3	ARMSTRONG PA	-59	208	26	83	91
8	1.1	4	.4	8	.7	BEAVER PA	-60	50	-40	45	74
2	1.0			1	.3	BEDFORD PA			-68	14	56
13	1.0	9	.5	17	.8	BERKS PA	-50	64	-19	66	79
9	1.2	12*	1.2	6	.6	BLAIR PA	3	-52	-50	32	71
4	1.4	2	.5	1	.2	BRADFORD PA	-60	-59	-84	02	52
4	.5	10	.8	7	.4	BUCKS PA	53	-55	-32	55	57
2	.4	4	.6	3	.3	BUTLER PA	56	-52	-25	63	55
4	.4	11	1.0	9	.7	CAMBRIA PA	143	-32	64	91	76
1	2.8					CAMERON PA					
3	1.1			2	.5	CARBON PA			-54	28	66
4	1.6	4	1.2	4	1.0	CENTRE PA	-27	-12	-36	50	86
4	.5	11	1.1	7	.5	CHESTER PA	115	-56	-5	73	65
1	.5	3	1.4	1	.4	CLARION PA	181	-68	-12	71	62
7*	1.7	2	.4	2	.3	CLEARFIELD PA	-74	-22	-80	05	57
		3	1.4	1	.4	CLINTON PA		-70			61
5	1.8			1	.2	COLUMBIA PA			-86	01	53
5	1.2	4	.9	2	.2	CRAWFORD PA	-27	-72	-80	04	53
5	.9	7	1.0	5	.5	CUMBERLAND PA	12	-44	-38	48	68
12	1.0	8	.6	11	.8	DAUPHIN PA	-39	20	-27	60	77
15	.8	19	.6	24	.6	DELAWARE PA	-15	0	-15	69	73
1	.6	3	1.6			ELK PA	156				
11	1.1	9	.6	10	.6	ERIE PA	-40	0	-40	45	73
10	1.3	11*	1.2	6	.6	FAYETTE PA	-5	-52	-54	28	70
1*	4.0					FOREST PA					
1	.3	7*	1.5	2	.3	FRANKLIN PA	476	-82	6	78	54
1	2.2	3*	5.2			FULTON PA	139				
1	.4	5*	2.0	1	.4	GREENE PA	389	-79	1	75	61
1	.7	2	.9			HUNTINGDON PA	31				
1	.3	4	1.0	1	.2	INDIANA PA	271	-81	-31	56	52
3	1.2	4	1.3	3	.9	JEFFERSON PA	14	-35	-27	60	81
2*	2.5					JUNIATA PA					
10	.7	10	.6	21*	1.1	LACKAWANNA PA	-22	96	53	88	88
11	.8	5	.3	15	.6	LANCASTER PA	-64	122	-19	65	72
1	.2	4	.6	1	.1	LAWRENCE PA	267	-78	-18	67	51
7	1.6	3	.5	3	.4	LEBANON PA	-67	-29	-77	07	58
7	.6	12	.8	11	.6	LEHIGH PA	38	-27	0	75	70
24	1.3	16	.7	16	.6	LUZERNE PA	-48	-14	-55	26	69

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
6	1.0	2	.3	8	1.1	LYCOMING	PA	-73	295	6	78	87
2	.7	2	.6	3	.7	MC KEAN	PA	-14	22	4	76	75
2	.3	1	.2	5	.6	MERCER	PA	-54	323	94	93	73
8*	4.3	1	.4	2	.6	MIFFLIN	PA	-91	51	-86	01	71
1	.5	2	.8	3	.9	MONROE	PA	40	12	57	89	81
14	.6	19	.6	23	.5	MONTGOMERY	PA	-3	-12	-15	69	68
1	1.1					MONTOUR	PA					
9	.8	12	1.0	7	.4	NORTHAMPTON	PA	19	-55	-47	36	62
5	.8	13*	1.8	4	.5	NORTHUMBERLAND	PA	129	-74	-41	44	64
				1	.5	PERRY	PA					68
124*	1.3	68	.7	51	.5	PHILADELPHIA	PA	-48	-25	-61	21	67
		1	.9			PIKE	PA					
				1	.9	POTTER	PA					82
14*	1.6	6	.5	6	.4	SCHUYLKILL	PA	-68	-14	-72	11	62
		3*	2.4	1	.6	SNYDER	PA		-74			72
3	.9	5	1.1	3	.5	SOMERSET	PA	18	-51	-42	43	67
1	2.4					SULLIVAN	PA					
		1	.5			SUSQUEHANNA	PA					
2	.9	1	.4	1	.5	TIOGA	PA	-51	15	-44	40	66
		2	1.5	1	.7	UNION	PA		-55			74
4	1.2	2	.5	2	.5	VENANGO	PA	-56	-9	-60	23	64
1	.3	4	1.3	2	.6	WARREN	PA	294	-56	74	92	70
6	.6	3	.3	13*	.9	WASHINGTON	PA	-57	243	47	87	83
2	1.1	1	.5	3	1.1	WAYNE	PA	-50	111	4	76	88
14	.9	12	.7	17	.7	WESTMORELAND	PA	-28	11	-20	64	76
		2	2.1	1	.7	WYOMING	PA		-68			73
9	.8	11	.8	12	.7	YORK	PA	5	-19	-15	68	74
32	.7	26	.5	38	.6	RHODE ISLAND	RI	-30	17	-19		
2	1.2					BRISTOL	RI					
2	.5	4	.7	8	.9	KENT	RI	28	35	72	91	82
1	.4	2	.5	3	.7	NEWPORT	RI	48	23	82	93	73
24	.7	19	.5	23	.5	PROVIDENCE	RI	-30	0	-30	58	65
3	1.4	1	.3	4	.9	WASHINGTON	RI	-78	191	-37	49	81
37	.7	35	.5	45	.4	SOUTH CAROLINA	SC	-32	-7	-37		
2*	2.9					ABBEVILLE	SC					
		1	.5			AIKEN	SC					
1*	4.3	1*	4.7			ALLENDALE	SC	10				
2	.6	5	1.2	5	.8	ANDERSON	SC	93	-35	25	83	79
		1	2.0			BAMBERG	SC					
				1	1.7	BARNWELL	SC					94
6	1.5	1	.2	3	.4	CHARLESTON	SC	-88	120	-75	08	59
		3*	1.9	2	1.0	CHEROKEE	SC		-48			85
1	1.5	1	.9	2	1.6	CHESTERFIELD	SC	-40	75	5	77	93
				1	1.2	COLLETON	SC					88
1	1.6	1	1.2			DILLON	SC	-22				
		1	1.3			DORCHESTER	SC					
		1	2.2			EDGEFIELD	SC					
2*	5.5			1	2.0	FAIRFIELD	SC			-64	17	95
1	.6			2	.7	FLORENCE	SC			13	80	75
				1	1.0	GEORGETOWN	SC					85
3	.5	1	.1	9	.8	GREENVILLE	SC	-80	638	47	88	79
		2	1.1			GREENWOOD	SC					
1	.6			1	.3	HORRY	SC			-47	36	56
2*	9.9					JASPER	SC					
		1	1.0			KERSHAW	SC					
1	1.0	1	.8	1	.4	LANCASTER	SC	-20	-43	-55	27	62
		1	.6	3	1.5	LAURENS	SC		171			92
1	3.0					LEE	SC					
2	1.3	3	1.0	2	.6	LEXINGTON	SC	-22	-35	-49	33	73
1	1.3	1	1.3			MARION	SC	-6				
		1	1.4	1	1.0	MARLBORO	SC		-28			84
1	.9					NEWBERRY	SC					
2	1.5			1	.4	OCONEE	SC			-75	08	58
2	1.8	1	.6	2	.9	ORANGEBURG	SC	-65	35	-52	30	82
2	.5	2	.3	4	.5	RICHLAND	SC	-37	43	-10	71	64
1	1.9					SALUDA	SC					
2	.4	2	.4	2	.2	SPARTANBURG	SC	-6	-44	-48	35	52
				1	.4	SUMTER	SC					60
		1	1.6			WILLIAMSBURG	SC					
		2	.9			YORK	SC					
23	.7	26	.7	24	.5	SOUTH DAKOTA	SD	-6	-25	-29		
		1*	4.2			AURORA	SD					
3*	3.2					BEADLE	SD					
		1	1.3	2*	2.6	BON HOMME	SD		99			97
1	1.2	1	1.0	2	1.8	BROOKINGS	SD	-16	71	43	87	94
2	1.1			3	1.3	BROWN	SD			22	82	90
		1	1.7			BUTTE	SD					
		2*	3.7			CHAPLES MIX	SD					
		1	2.9			CLARK	SD					
				1	1.3	CLAY	SD					91
1	.9	2	1.8			CODINGTON	SD	101				
1*	5.5					CORSON	SD					
		1*	3.2			CUSTER	SD					
1	1.1	1	.9			DAVISON	SD	-19				
3*	5.2			2*	3.0	DAY	SD			-43	41	98
		1	1.5			FALL RIVER	SD					
				1	1.0	GRANT	SD					86
1	2.9					HAMLIN	SD					
1*	4.3					HAND	SD					
1	2.6					HUGHES	SD					
1	1.7	3*	3.9	2*	1.8	HUTCHINSON	SD	121	-54	1	75	94
1*	3.8	1*	2.7			JERAULD	SD	-29				
				1	2.0	LAKE	SD					96
1	1.3			1	.7	LAWRENCE	SD			-42	43	76
		1	1.8	1	1.0	LINCOLN	SD		-46			84

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WHITE FEMALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
1	2.1					MC COOK SD					
		2*	5.3			MC PHERSON SD					
1	.3	3	.7	2	.3	MINNEHAHA SD	188	-63	5	77	54
		1	1.8	1	1.7	MOODY SD		-3			94
1	.9	1	.4	1	.4	PENNINGTON SD	-56	-4	-58	24	59
				1*	5.1	POTTER SD					99
		1	1.3	1	1.0	ROBERTS SD		-18			86
				1	.6	SPINK SD					70
1	1.9					TRIPP SD					
1	1.3					TURNER SD					
		1	2.6			WALWORTH SD					
				1	.5	YANKTON SD					63
94	.7	101	.6	84	.4	TENNESSEE TN	-14	-41	-49		
2	1.4			3	.8	ANDERSON TN			-45	39	79
1	.8			1	.4	BEDFORD TN			-46	37	62
		1	1.1			BENTON TN					
				1*	1.4	BLEDSOE TN					91
5*	2.4	3	1.0	5*	1.2	BLOUNT TN	-58	14	-52	30	89
1	.7			1	.4	BRADLEY TN			-37	49	60
1	.8	1	.6			CARROLL TN	-31				
				1	.4	CARTER TN					61
2	2.4	1	1.0			CLAIBORNE TN	-59				
1	1.1	2	1.8			COCKE TN	69				
				1	.3	COFFEE TN					57
		2*	2.1			CROCKETT TN					
				1	.7	CUMBERLAND TN					74
17	1.3	12	.7	6	.3	DAVIDSON TN	-46	-62	-79	05	54
2*	4.1					DECATUR TN					
				1	1.1	DE KALB TN					88
1	1.2	1	.8	1	.5	DICKSON TN	-31	-41	-59	23	64
2	1.5			1	.4	DYER TN			-74	09	60
				1	1.4	FENTRESS TN					91
1	.5	2	.9			GIBSON TN	59				
1	1.0			1	.4	GILES TN			-63	19	58
1	.5	2	1.1	1	.2	GREENE TN	100	-77	-54	28	53
				1	1.5	GRUNDY TN					93
		1	.7			HAMBLEN TN					
1	.1	10	1.1	7	.5	HAMILTON TN	653	-52	260	99	66
				1*	2.7	HANCOCK TN					98
				1	1.6	HARDEMAN TN					93
1	1.2	2*	2.1	1	.6	HARDIN TN	71	-71	-50	32	72
1	1.0			1	.5	HAWKINS TN			-54	28	64
		2*	2.2			HENDERSON TN					
2	1.5			2	.9	HENRY TN			-36	50	83
2*	3.2	2*	4.1			HICKMAN TN	28				
1	2.1	1	1.0			HUMPHREYS TN	-51				
1	2.0					JACKSON TN					
		2	2.0			JEFFERSON TN					
1	1.8	1	1.3			JOHNSON TN	-29				
10	1.0	4	.3	3	.2	KNOX TN	-70	-36	-81	04	52
				2*	2.1	LAUDERDALE TN					96
		2	1.4			LAWRENCE TN					
		1	.7	1	.5	LINCOLN TN		-23			68
				1	.5	LOUDON TN					64
		2	1.2	1	.6	MC MINN TN		-46			72
		1	1.2			MC NAIRY TN					
2*	2.6					MACON TN					
1	.4	1	.3	1	.2	MADISON TN	-10	-51	-55	26	51
1	1.3	1	1.2			MARION TN	-4				
1	1.4			1	.7	MARSHALL TN			-45	37	76
4*	2.5	3	1.6			MAURY TN	-35				
3*	3.0			1	.6	MONROE TN			-81	04	70
				2	.8	MONTGOMERY TN					80
		1*	4.8			MOORE TN					
		1	1.3			MORGAN TN					
1	.7	1	.5			OBION TN	-23				
				1	1.0	OVERTON TN					84
		1	1.7	1	1.3	POLK TN		-23			91
1	1.5	1	1.1			RHEA TN	-26				
2	1.6			2	.8	ROANE TN			-48	34	80
1	.8	1	.7			ROBERTSON TN	-12				
2	1.3			1	.3	RUTHERFORD TN			-77	07	56
				2*	2.3	SCOTT TN					97
		1*	3.2			SEQUATCHIE TN					
		1	.7			SEVIER TN					
7	.4	17	.8	7	.3	SHELBY TN	101	-67	-34	53	54
1	2.8					STEWART TN					
		4	.7	5	.7	SULLIVAN TN		-6			75
2	1.2	1	.6	2	.6	SUMNER TN	-53	3	-52	30	70
				1	.8	TIPTON TN					78
1	1.4	1	1.1			UNICOI TN	-25				
		2*	4.8			UNION TN					
		1	.6	1	.5	WARREN TN		-29			63
2	1.2	1	.3	2	.4	WASHINGTON TN	-75	15	-71	12	58
1	1.8					WAYNE TN					
1	.8	1	.7	2	.6	WEAKLEY TN	-11	-13	-23	64	72
		1	1.1	1	.8	WHITE TN		-22			80
1	1.1			1	.5	WILLIAMSON TN			-52	30	66
1	.7	1	.6	2	1.0	WILSON TN	-15	64	39	86	85
199	.6	234	.5	295	.5	TEXAS TX	-16	-6	-20		
1	.6					ANDERSON TX					
1	.6	1	.5			ANGELINA TX	-16				
1*	4.8					ARANSAS TX					
				2	1.7	ATASCOSA TX					93
1	1.3	3*	2.7			AUSTIN TX	108				
		3*	9.7			BAILEY TX					
				1	.6	BASTROP TX					70

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1	2.5					BAYLOR TX					
		2*	2.0			BEE TX					
1	.4	3	.7	2	.4	BELL TX	75	-43	1	75	61
15	.7	23	.8	23	.6	BEXAR TX	15	-24	-13	70	69
1	1.1	2	1.7			BOSQUE TX	52				
1	.4	1	.4	4	1.0	BOWIE TX	-16	174	130	96	84
		1	.4			BRAZORIA TX					
1	1.0			2	.9	BRAZOS TX			-8	73	83
1*	6.6	1*	2.7			BROOKS TX	-59				
2	1.1			1	.3	BROWN TX			-75	09	55
				1	1.8	BURLESON TX					94
		1	1.3	2	1.5	BURNET TX		16			92
1	1.2					CALDWELL TX					
		2*	4.9	1	1.2	CALHOUN TX		-76			88
2	.4	4	.8	4	.5	CAMERON TX	114	-29	52	88	69
				1	2.6	CAMP TX					97
1*	3.8					CARSON TX					
		1	.7			CASS TX					
				1	1.7	CHAMBERS TX					93
1	.6					CHEROKEE TX					
1	1.8			1	.8	CHILDRESS TX			-56	25	79
2*	3.6					CLAY TX					
				1*	2.7	COKE TX					98
1	1.2					COLEMAN TX					
1	.5	1	.3	1	.2	COLLIN TX	-37	-16	-47	35	53
				1	.7	COLORADO TX					76
1	1.3	1	.9	2	.9	COMAL TX	-34	4	-31	56	83
		1	.6	1	.7	COMANCHE TX		10			75
				1	.5	COOKE TX					65
1	.8					CORYELL TX					
				1*	5.3	CRANE TX					99
				1*	6.3	CROCKETT TX					99
1	2.9	1	2.2	1	2.6	CROSBY TX	-22	18	-8	72	98
				1*	11.2	CULBERSON TX					99
14	.6	17	.4	20	.4	DALLAS TX	-30	-9	-36	50	57
		1	1.9			DEAF SMITH TX					
1	3.0	1	1.4			DELTA TX	-54				
2	.9			3	.8	DENTON TX			-6	73	80
2	1.6	1	.7	1	.5	DE WITT TX	-57	-22	-67	15	68
		1*	2.7			DICKENS TX					
				1*	2.8	DIMMIT TX					98
		1	1.5			DUVAL TX					
		1	.5	3	1.5	EASTLAND TX		220			92
		1	.3	2	.6	ECTOR TX		61			69
3	1.4			2	.9	ELLIS TX			-39	46	81
10	1.4	12*	1.2	15*	1.2	EL PASO TX	-15	0	-15	69	89
		1	.6	2	.6	ERATH TX		10			72
2	1.7	1	.7			FALLS TX	-60				
		1	.4	2	.7	FANNIN TX		96			77
		2	1.0			FAYETTE TX					
		1	1.9			FISHER TX					
				2*	2.1	FLOYD TX					96
3*	3.4			1	.3	FORT BEND TX			-91	00	55
1	2.6	1	1.2	1	.8	FRIO TX	-54	-34	-70	13	78
2	.7	4	.8	10*	1.4	GALVESTON TX	2	90	93	93	92
		1	.7	1	.5	GILLESPIE TX		-31			63
				1*	2.2	GOLIAD TX					96
		2	1.9	1	.7	GONZALES TX		-60			76
1	.6	2	1.4	1	.5	GRAY TX	142	-65	-15	69	65
4	1.0	4	.8	3	.5	GRAYSON TX	-20	-39	-52	31	64
				2	.6	GREGG TX					69
1	2.2	1	2.9			GRIMES TX	33				
2	1.7			1	.6	GUADALUPE TX			-66	15	70
1	1.0	2	1.4	1	.4	HALE TX	34	-72	-62	19	59
		2*	4.0			HALL TX					
		1	.8			HAMILTON TX					
		1	1.0			HARDIN TX					
18	.7	24	.5	26	.4	HARRIS TX	-28	-24	-45	38	60
				1*	4.4	HARTLEY TX					99
				1	.9	HAYS TX					82
		1*	5.7			HEMPHILL TX					
		1	.6			HENDERSON TX					
11*	2.3	4	.6	9	1.0	HIDALGO TX	-73	56	-57	24	84
		2	.9			HILL TX					
				1	1.1	HOCKLEY TX					87
2	1.5					HOPKINS TX					
				1	1.0	HOUSTON TX					84
		3*	2.5			HOWARD TX					
		1	.3	1	.2	HUNT TX		-31			53
1	2.2					HUTCHINSON TX					
1*	11.9					IRION TX					
		1	1.7			JACK TX					
				1	1.4	JACKSON TX					91
6	.9	4	.5	5	.4	JEFFERSON TX	-45	-20	-56	26	59
2	2.2	1	1.0	3*	1.9	JIM WELLS TX	-54	86	-15	69	95
		2	.9	1	.3	JOHNSON TX		-66			55
1	.9	1	.7	2	1.2	JONES TX	-27	80	32	84	89
		1	.4	2	1.0	KAUFMAN TX		141			85
2*	5.5	1	1.8			KENDALL TX	-67				
		1	.5			KERR TX					
1*	4.4					KIMBLE TX					
1*	53.0					KING TX					
		1	.9	1	.9	KLEBERG TX		1			81
		4*	8.0			KNOX TX					
2	1.0					LAMAR TX					
1	1.6					LAMPASAS TX					
				1*	3.4	LA SALLE TX					98
				1	.3	LAVACA TX					57
				1	1.7	LEE TX					93
2	1.5			1	.4	LIMESTONE TX			-71	12	61
1*	4.6					LIPSCOMB TX					

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1	2.9					LIVE OAK TX					
				2*	2.0	LLANO TX					95
2	.6	2	.3	3	.4	LUBBOCK TX	-48	20	-38	48	59
		1	2.1	2*	4.4	LYNN TX		107			99
		1	1.2			MC CULLOCH TX					
		4	.6	6	.7	MC LENNAN TX		17			74
				1	.8	MATAGORDA TX					79
		2*	3.2	1	1.2	MAVERICK TX		-61			89
1	1.3			1	.5	MEDINA TX			-58	24	67
1	1.8					MIDLAND TX					
		2	1.3			MILAM TX					
		1	2.0			MITCHELL TX					
				1	.4	MONTAGUE TX					63
		1	.9	1	.5	MONTGOMERY TX		-45			64
		1	3.0			MOOPE TX					
				1	.5	NACOGDOCHES TX					66
1	.8	1	.5	1	.7	NAVARRO TX	-41	60	-6	73	76
				1	.5	NOLAN TX					68
2	.4	6	.9	5	.5	NUECES TX	127	-37	42	86	68
				2	.7	ORANGE TX					76
				1	.6	PALO PINTO TX					69
		2*	2.1			PANOLA TX					
				2	.8	PARKER TX					79
				2*	3.2	PARMER TX					98
		1	3.2			PECOS TX					
1	.5	3	.7	6	1.0	POTTER TX	50	53	129	96	86
1	.8					RANDALL TX					
				1	.8	RED RIVER TX					77
				1	1.8	REEVES TX					94
		2*	2.4			ROBERTSON TX					
1	2.7					ROCKWALL TX					
1	.9	2	2.1			RUNNELS TX	121				
1	.6	2	1.0	1	.4	RUSK TX	61	-63	-40	45	58
				1	1.5	SAN AUGUSTINE TX					93
2	1.4	1	.6	1	.5	SAN PATRICIO TX	-60	-14	-66	16	66
2*	3.7					SAN SABA TX					
1	1.6			2*	1.8	SCURRY TX			10	79	94
1*	4.0					SHACKELFORD TX					
1	.8					SHELBY TX					
				1	.2	SMITH TX					51
				2*	2.1	STARR TX					96
1	1.8					STEPHENS TX					
				1*	5.6	STONEWALL TX					99
1	2.5			1	1.4	SWISHER TX			-41	44	92
13	.8	9	.4	14	.4	TARRANT TX	-50	3	-48	34	60
5	1.5	1	.2	3	.5	TAYLOR TX	-86	157	-64	18	68
		1	1.7			TERRY TX					
		2	1.7			TITUS TX					
		2	.6	1	.2	TOM GREEN TX		-60			33
4	.6			7	.5	TRAVIS TX			-23	63	65
1	1.7					TYLER TX					
				1	.8	UPSHUR TX					77
		1	1.0			UVALDE TX					
1	.8	1	.6	1	.3	VAN ZANDT TX	-19	-51	-60	22	56
				1	.3	VICTORIA TX					55
1	1.8					WALKER TX					
				2	2.0	WASHINGTON TX					96
4	2.1	4	1.4	3	.8	WEBB TX	-34	-41	-61	20	80
1	.6			3*	1.5	WHARTON TX			154	97	93
				1	1.2	WHEELER TX					90
2	.4	2	.4	6	.8	WICHITA TX	-16	109	75	92	78
		1	.7			WILBARGER TX					
		1	1.6	4*	5.7	WILLACY TX		256			99
2	1.3					WILLIAMSON TX					
				1	1.0	WILSON TX					85
1	.9	1	.7	1	.6	WISE TX	-20	-12	-30	57	73
		4*	3.2	2	1.1	WOOD TX		-67			86
1	1.0					YOUNG TX					
		1*	4.0			ZAPATA TX					
				1*	2.0	ZAVALA TX					96
28	1.0	20	.5	22	.4	UTAH UT	-48	-22	-59		
				1*	3.6	BEAVER UT					99
1	1.3	1	1.1	1	.8	BOX ELDER UT	-20	-26	-41	44	78
1	.7			2	.8	CACHE UT			9	79	79
2*	3.1	1	2.0			CARBON UT	-36				
		1	.4	1	.5	DAVIS UT		29			65
		1*	4.0			DUCHESNE UT					
1*	4.3					EMERY UT					
1	3.7					IRON UT					
1*	3.9					JUAB UT					
13	1.1	7	.4	10	.4	SALT LAKE UT	-63	1	-63	19	60
2*	2.7	1	1.1	1	1.1	SANPETE UT	-58	0	-58	24	88
2*	4.0	1	1.7			SEVIER UT	-57				
		2*	3.6	1	1.3	TOOELE UT		-65			90
2	.6	3	.8	2	.3	UTAH UT	41	-60	-44	40	56
2	.7	2	.4	3	.5	WEBER UT	-50	32	-35	52	65
10	.5	15	.6	14	.5	VERMONT VT	21	-13	5		
1	.6	1	.6			BENNINGTON VT	11				
1	.8	2	1.0			CALEDONIA VT	35				
1	.4	3	.8	3	.7	CHITTENDEN VT	114	-9	94	93	75
2	1.4			2	.9	FRANKLIN VT			-38	49	81
		1	.8			ORANGE VT					
1	.8	1	.8	3*	2.5	ORLEANS VT	-6	213	195	98	97
1	.3	1	.2	4	.9	RUTLAND VT	-33	328	166	98	82
1	.4	3	1.1			WASHINGTON VT	149				
2	.8	1	.5			WINDHAM VT	-44				
		2	.7	2	.7	WINDSOR VT		3			77

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

CANCER OF THE THYROID GLAND — ICD 193

WHITE FEMALE 1950-1959 DEATHS	RATE	1960-1969 DEATHS	RATE	1970-1979 DEATHS	RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
70	.6	89	.6	100	.5	VIRGINIA VA	-8	-16	-23		
1	.8			2	.9	ACCOMACK VA			24	83	84
		2	.7	1	.2	ALBEMARLE#VA		-69			52
1	.7	2	1.5			ALLEGHANY#VA	112				
1	1.6			1	.8	AMHERST VA			-51	31	77
				1	2.0	APPOMATTOX VA					96
2	.4	6	.7	4	.4	ARLINGTON#VA	57	-42	-9	72	59
		3	.8	1	.2	AUGUSTA#VA		-71			52
		1*	3.3			BATH VA					
		4	.7	4	.6	BEDFORD#VA		-13			71
		1	1.3	1	1.0	BOTETOURT VA		-25			84
1	2.2			1	2.3	BRUNSWICK VA			6	77	96
		1	.8	1	.7	BUCHANAN VA		-21			74
				1	2.2	CAROLINE VA					96
1	.6	2	.8	1	.3	CARROLL#VA	25	-59	-49	33	56
3	.2	6	.4	6	.3	CHESTERFIELD#VA	73	-16	45	87	57
1	4.1					CLARKE VA					
		1	.9			CULPEPER VA					
1	2.0			1	1.0	DICKENSON VA			-51	31	84
				3	.8	DINWIDDIE#VA					78
1*	3.2					ESSEX VA					
4	.7	7	.7	5	.3	FAIRFAX#VA	-8	-63	-66	16	53
1	1.1	1	1.1	2	1.6	FAUQUIER VA	-4	45	39	86	93
				2*	2.3	FLOYD VA					96
1	1.0	1	.9	1	.7	FRANKLIN VA	-5	-24	-28	59	75
		1	.5			FREDERICK#VA					
1	1.7					GILES VA					
1	3.0	3*	5.8	1	1.5	GLOUCESTER VA	90	-74	-51	31	92
2	2.5			3*	1.8	HANOVER VA			-29	58	94
1	.4	2	.3	6	.7	HENRICO VA	-7	113	98	94	75
1	.5	1	.7	1	.3	HENRY#VA	34	-60	-46	37	55
1	.9	2	1.1			JAMES CITY#VA	19				
		2	1.4			LEE VA					
1	1.0					LOUDOUN VA					
1	2.4	1	1.8	1	1.7	LUNENBURG VA	-26	-4	-29	59	94
		2*	5.1			MADISON VA					
				1	1.1	MATHEWS VA					88
				1	.8	MECKLENBURG VA					80
1	.9			1	.4	MONTGOMERY#VA			-56	26	59
				3*	3.3	NORTHAMPTON VA					98
				1	1.0	NOTTOWAY VA					86
		1	1.0	1	1.0	PAGE VA		3			85
1	1.6	1	1.3			PATRICK VA	-20				
2	.5	2	.4	1	.2	PITTSYLVANIA#VA	-16	-64	-70	13	51
				1*	3.2	POWHATAN VA					98
1	1.4					PRINCE WILLIAM#VA					
2	2.4			2	1.1	PULASKI VA			-53	28	88
3*	14.8					RAPPAHANNOCK VA					
		1*	3.4	1*	3.7	RICHMOND VA		8			99
6	1.1	9	1.1	5	.5	ROANOKE#VA	2	-58	-58	24	63
1	.9	5*	3.4	3*	1.8	ROCKBRIDGE#VA	284	-46	109	95	94
2	.9	4	1.2			ROCKINGHAM#VA	45				
				2	1.1	SCOTT VA					88
1	.7	1	.7	1	.4	SHENANDOAH VA	-1	-39	-39	46	61
		1	.6	1	.5	SMYTH VA		-16			67
				1	1.2	SOUTHAMPTON#VA					89
		1	.9	1	.5	SPOTSYLVANIA#VA		-44			65
				1*	2.7	SUSSEX VA					98
4*	2.8	1	.5			TAZEWELL VA	-82				
1	2.0			2*	2.3	WARREN VA			13	79	96
1	.5	1	.4	2	.6	WASHINGTON#VA	-26	58	17	81	69
				2*	2.4	WESTMORELAND VA					97
2	1.4	3	1.3	1	.4	WISE#VA	-6	-71	-73	10	59
2	2.1			1	.7	WYTHE VA			-66	15	76
10	.9	2	.1	11	.5	CHESAPEAKE CITY#VA	-84	253	-43	42	66
2	1.1	2	.5	2	.5	NEWPORT NEWS CITY VA	-53	0	-53	29	66
		2	1.6			SUFFOLK CITY VA					
103	.9	94	.6	96	.5	WASHINGTON WA	-31	-21	-46		
3*	3.6	1	.9			ASOTIN WA	-75				
2	1.3	1	.8			BENTON WA	-40				
4*	2.3	2	.8	1	.4	CHELAN WA	-64	-47	-81	04	62
2	1.4	1	.5	1	.3	CLALLAM WA	-67	-46	-82	03	54
2	.5	3	.5	5	.6	CLARK WA	7	7	15	80	69
				1*	3.3	COLUMBIA WA					98
1	.4	1	.3	2	.5	COWLITZ WA	-21	85	46	87	68
				1*	3.8	GARFIELD WA					99
1	1.5	1	.7	2	1.2	GRANT WA	-55	78	-19	65	89
2	.7	6*	1.8	4	1.0	GRAYS HARBOR WA	148	-46	35	85	85
1	1.6			1	.4	ISLAND WA			-75	08	60
25	.6	27	.5	40	.6	KING WA	-21	19	-5	74	71
2	.5	2	.4	3	.4	KITSAP WA	-10	-6	-16	68	60
				2	1.6	KITTITAS WA					93
1	1.9			1	.7	KLICKITAT WA			-60	22	77
		3	1.1	2	.6	LEWIS WA		-43			72
1	1.7					LINCOLN WA					
1	1.3					MASON WA					
3*	3.0	2	1.6			OKANOGAN WA	-46				
		1	1.0	1	.5	PACIFIC WA		-53			65
9	.7	12	.7	5	.2	PIERCE WA	-1	-65	-65	16	53
2	.7			2	.5	SKAGIT WA			-31	56	64
7	1.1	4	.4	7	.5	SNOHOMISH WA	-64	23	-56	26	65
18*	1.4	16	1.0	7	.3	SPOKANE WA	-31	-64	-75	08	57
1	.3	2	.6	2	.3	THURSTON WA	91	-46	3	76	56
1	.6					WALLA WALLA WA					
4	1.0	5	1.1			WHATCOM WA	9				
2	1.4	1	.8			WHITMAN WA	-47				
8	1.3	3	.4	6	.7	YAKIMA WA	-73	87	-49	33	74

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE 1950-1959		1960-1969		1970-1979		CANCER OF THE THYROID GLAND COUNTY AND STATE	PERCENT CHANGE			ICD 193 PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
71	.9	51	.6	56	.5	WEST VIRGINIA WV	-40	-9	-45		
1	1.5					BARBOUR WV					
2	1.2	2	1.2	2	.9	BERKELEY WV	-4	-26	-30	58	81
		1	.8	1	.5	BROOKE WV		-33			67
2	.3	4	.6	5	.6	CABELL WV	100	0	100	94	72
1	2.1					DODDRIDGE WV					
		3	1.1			FAYETTE WV					
1	.7			1	.4	GREENBRIER WV			-42	43	61
1	1.4	1	1.5	1	1.2	HAMPSHIRE WV	2	-20	-19	66	89
2	2.1	2	1.2	1	.5	HANCOCK WV	-41	-61	-77	06	65
1	2.2					HARDY WV					
5	1.2	1	.2	2	.3	HARRISON WV	-82	67	-70	12	57
1	1.5	2*	2.2	1	.8	JEFFERSON WV	47	-64	-47	36	79
9	1.2	4	.3	8	.6	KANAWHA WV	-73	95	-48	35	71
				1	.6	LEWIS WV					72
1	1.4					LINCOLN WV					
1	.3			2	.9	LOGAN WV			145	97	81
1	.7	3	2.3	4*	2.3	MC DOWELL WV	239	4	251	99	97
2	.6	2	.5	2	.4	MARION WV	-8	-20	-26	61	62
5*	2.8	1	.5			MARSHALL WV	-82				
1	.9	1	.7	1	.4	MASON WV	-24	-43	-57	25	60
2	.8	3	.9	1	.2	MERCER WV	19	-76	-71	11	52
		1	.8	1	.6	MINERAL WV		-26			70
		1	.6	1	.6	MINGO WV		-4			71
3	1.3			1	.3	MONONGALIA WV			-78	06	55
2*	5.2					MORGAN WV					
1	1.1					NICHOLAS WV					
4	1.0	3	.7	5	.8	OHIO WV	-27	12	-18	67	79
				1	2.0	PENDLETON WV					95
				1	1.4	POCAHONTAS WV					92
				2	1.1	PRESTON WV					87
1	.9					PUTNAM WV					
3	1.0	3	1.0	1	.3	RALEIGH WV	-3	-73	-74	09	54
1	.8	2	1.7	2	1.1	RANDOLPH WV	119	-38	37	85	87
1	1.1	1	1.7			RITCHIE WV	53				
4*	4.3					ROANE WV					
		1	1.3	1	.9	SUMMERS WV		-31			83
		1	1.1			TAYLOR WV					
		1	2.2			TUCKER WV					
1	1.2			1	1.3	TYLER WV			5	77	90
1	1.1	1	.8			UPSHUR WV	-25				
2	1.7	3	1.6	1	.4	WAYNE WV	-4	-76	-77	07	60
				1	.8	WETZEL WV					81
7*	1.8	2	.4	4	.8	WOOD WV	-77	96	-54	28	79
1	2.0	1	.9			WYOMING WV	-53				
181*	1.0	182*	.8	146	.5	WISCONSIN WI	-20	-36	-48		
1	2.3			1	.9	ADAMS WI			-60	21	83
		4*	3.9			ASHLAND WI					
		2	.8	1	.4	BARRON WI		-47			61
4	.8	4	.6	1	.1	BROWN WI	-25	-80	-85	02	51
1	1.5	1	1.0	1	.9	BUFFALO WI	-36	-1	-37	49	83
1	1.9	1	1.5			BURNETT WI	-20				
1	1.1			2	1.5	CALUMET WI			37	85	92
2	1.1			3	1.0	CHIPPEWA WI			-4	74	86
		2	1.0	3	1.5	CLARK WI		51			92
2	.9	2	.7	3	1.0	COLUMBIA WI	-19	34	8	79	85
2	2.4					CRAWFORD WI					
9	1.0	9	.8	6	.4	DANE WI	-25	-55	-66	15	57
2	.7	5	1.3	1	.2	DODGE WI	103	-82	-63	19	53
3*	2.7	1	.7	2	1.1	DOOR WI	-74	61	-59	23	87
4	1.7	4	1.5			DOUGLAS WI	-11				
3	2.4	4*	2.7	2	1.0	DUNN WI	13	-63	-59	23	85
3	1.1	4	1.1	1	.1	EAU CLAIRE WI	-3	-87	-88	01	51
				1*	2.3	FLORENCE WI					97
3	.7	4	.8	4	.7	FOND DU LAC WI	12	-9	2	75	77
		1	2.3			FOREST WI					
5*	2.1			1	.4	GRANT WI			-79	05	62
1	.6	2	1.0			GREEN WI	67				
1	1.1	1	.9			GREEN LAKE WI	-14				
		1	.7			IOWA WI					
				1	1.4	IRON WI					91
1	1.0	1	.9			JACKSON WI	-10				
3	1.0	3	1.0	2	.3	JEFFERSON WI	-5	-68	-70	12	56
1	1.0	1	.7	1	.6	JUNEAU WI	-34	-3	-36	50	73
4	.8	3	.5	3	.5	KENOSHA WI	-38	-13	-46	37	63
1	1.0			1	.9	KEWAUNEE WI			-2	74	84
6	1.5	3	.6	5	.7	LA CROSSE WI	-63	32	-52	31	77
1	1.0	1	1.0	2	1.1	LAFAYETTE WI	-6	12	5	77	87
3*	3.1			1	.4	LANGLADE WI			-87	01	59
		3*	2.4	1	.5	LINCOLN WI		-80			64
3	.9	5	1.2	3	.6	MANITOWOC WI	32	-51	-36	50	69
6	1.7	3	.6	5	.9	MARATHON WI	-67	67	-45	38	83
1	.5	1	.5	3	1.1	MARINETTE WI	-7	151	134	96	88
2	.7	3	.8	5	1.1	MENOMINEE#WI	21	35	64	91	87
46	1.0	45	.8	28	.4	MILWAUKEE WI	-19	-46	-56	25	62
2	1.3	4*	2.2	1	.4	MONROE WI	63	-81	-69	14	61
1	1.0	1	.9	1	.5	ONEIDA WI	-12	-40	-47	35	67
		1	.2	2	.3	OUTAGAMIE WI		42			55
2	1.7			2	.8	OZAUKEE WI			-53	29	78
4*	3.6			1	.4	PIERCE WI			-88	00	60
2	1.5			4*	2.6	POLK WI			73	92	98
2	1.2	3	1.4	4*	1.3	PORTAGE WI	15	-2	13	80	91
5	.9	8	1.1	3	.2	RACINE WI	29	-78	-72	11	53
				2	1.2	RICHLAND WI					88
5	1.1	3	.4	9*	1.2	ROCK WI	-58	173	15	80	89
1	1.6			1	1.2	RUSK WI			-27	60	89
2	1.3			1	.4	ST CROIX WI			-69	13	59

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
4	2.0	3	1.5	1	.5	SAUK	WI	-25	-69	-77	07	63
4	.8	5	.9	2	.3	SHEBOYGAN	WI	12	-65	-61	21	56
				2*	1.8	TAYLOR	WI					94
1	.6	1	.6			TREMPEALEAU	WI	-1				
1	.6	6*	3.0			VERNON	WI	413				
				1	.9	VILAS	WI					83
1	.4	3	.9	1	.2	WALWORTH	WI	114	-79	-55	27	52
		1	1.3	1	.8	WASHBURN	WI		-32			81
1	.6	1	.4	3	.8	WASHINGTON	WI	-35	109	35	85	78
4	.8	6	.8	5	.4	WAUKESHA	WI	-4	-48	-50	32	61
4	1.8	2	.7			WAUPACA	WI	-60				
3*	3.6	1	1.1			WAUSHARA	WI	-69				
5	.9	4	.6	1	.1	WINNEBAGO	WI	-38	-84	-90	00	50
1	.4	5*	1.5	4	.8	WOOD	WI	296	-49	100	94	77
7	.6	7	.5	18*	1.0	WYOMING	WY	-22	108	62		
2*	2.5	1	1.1			ALBANY	WY	-58				
1	1.7			2*	2.8	BIG HORN	WY			62	90	98
		1*	4.2			CAMPBELL	WY					
				1	1.5	CARBON	WY					92
				1*	2.4	CONVERSE	WY					97
				1	.9	FREMONT	WY					82
		1	1.5	1	1.3	GOSHEN	WY		-14			90
				1*	2.8	HOT SPRINGS	WY					98
		1	.4	4*	1.3	LARAMIE	WY		199			90
2	1.8	2	1.3	3	1.2	NATRONA	WY	-27	-6	-31	56	89
		1*	5.0			NIOBRARA	WY					
				2	2.0	PARK-TETON#	WY					96
2	2.0			1	.7	SHERIDAN	WY			-63	19	77

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE MALE 1950-1959		1960-1969		CANCER OF THE THYROID GLAND 1970-1979		COUNTY AND STATE	PERCENT CHANGE			ICD 193 PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
228	.4	291	.4	306	.3	UNITED STATES	5	-18	-14		
4	.1	11	.3	9	.2	ALABAMA AL	170	-27	97		
				1*	2.0	BALDWIN AL					98
		1*	1.8			BARBOUR AL					
		1*	3.1			CONECUH AL					
		1	.7			DALLAS AL					
				1*	1.6	HOUSTON AL					97
3	.4	1	.1			JEFFERSON AL	-75				
		2*	3.8	1*	1.7	LEE AL		-55			97
		1	1.3	1	1.2	MADISON AL		-5			96
		1*	1.5			MARENGO AL					
		2	.6			MOBILE AL					
				1*	2.4	MONROE AL					98
				1*	2.9	PIKE AL					98
		1*	1.3	1*	1.4	RUSSELL AL		1			96
1*	4.7					SHELBY AL					
				1*	1.3	SUMTER AL					96
				1	.8	TUSCALOOSA AL					96
		1	.8			ALASKA AK					
2	.5	3	.7	1	.1	ARIZONA AZ	38	-87	-82		
1*	1.8					APACHE AZ					
		1*	7.1			GILA AZ					
				1	.2	MARICOPA AZ					94
1*	1.7	1*	2.3			PIMA AZ	37				
		1*	21.3			YAVAPAI AZ					
4	.2	3	.1	7	.4	ARKANSAS AR	-34	168	78		
1	.6					JEFFERSON AR					
				2*	12.4	LITTLE RIVER AR					99
				2*	3.4	OUACHITA AR					98
		1	.7	1	.7	PHILLIPS AR		10			96
3*	1.3	1	.4	2	.7	PULASKI AR	-72	95	-46	35	96
		1*	1.5			UNION AR					
9	.3	28	.6	21	.2	CALIFORNIA CA	82	-64	-35		
		2	.3			ALAMEDA CA					
				1	.7	CONTRA COSTA CA					95
				1*	2.7	IMPERIAL CA					98
		1	.9			KERN CA					
5	.4	11	.5	12	.3	LOS ANGELES CA	6	-38	-34	48	94
				1*	1.3	MARIN CA					96
1*	1.4					MONTEREY CA					
		1*	8.3			PLACER CA					
1*	3.6					RIVERSIDE CA					
				3*	.9	SACRAMENTO CA					96
		1	1.1			SAN BERNARDINO CA					
		2	1.2	1	.3	SAN DIEGO CA		-73			94
2	.3	6*	1.2			SAN FRANCISCO CA	271				
		2*	3.7			SAN MATEO CA					
				1	1.4	SANTA BARBARA CA					97
		1	.8	1	.1	SANTA CLARA CA		-93			94
		1*	3.7			TULARE CA					
1	.6	1	.4	1	.1	COLORADO CO	-30	-75	-82		
1	.8	1	.6			DENVER-ARAPAHOE#CO	-31				
				1*	9.1	FREMONT CO					99
1	.4	2	.6	1	.2	CONNECTICUT CT	41	-72	-61		
		2*	2.0	1	.5	HARTFORD CT		-76			95
1	1.3					NEW HAVEN CT					
1	.5	1	.4	3*	1.1	DELAWARE DE	-26	172	102		
				1*	2.4	KENT DE					98
1	.9	1	.6	1	.5	NEW CASTLE DE	-32	-16	-43	42	95
				1*	1.8	SUSSEX DE					97
4	.5	2	.2	5	.3	DIST. OF COLUMBIA DC	-69	78	-44		
4	.5	2	.2	5	.3	WASHINGTON DC	-69	78	-44	37	94
13	.5	17	.5	16	.3	FLORIDA FL	4	-30	-27		
				1*	.8	BREVARD FL					96
		2*	.7			BROWARD FL					
1*	4.3					COLUMBIA FL					
2	.8	3	.4	3	.3	DADE FL	-49	-25	-61	24	94
1	.2	2	.4	2	.4	DUVAL FL	117	-2	112	91	95
		1*	9.4			FRANKLIN FL					
				2*	2.4	GADSDEN FL					98
				1*	8.5	HAMILTON FL					99
				1*	5.8	HENDRY FL					99
3*	1.7			1	.4	HILLSBOROUGH FL			-75	13	95
				1*	1.6	LAKE FL					97
				1*	2.3	LEE FL					98
				1*	3.5	MADISON FL					98
		1*	2.4			MANATEE FL					
		1	1.3			MARION FL					
1*	6.6					MARTIN FL					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE MALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1*	7.6	1*	4.8			MONROE FL	-38				
		1	.8			ORANGE FL					
		2	.8	1	.3	PALM BEACH FL		-69			94
1*	10.1					PASCO FL					
1	.5	1	.8			POLK FL	70				
				1*	2.4	PUTNAM FL					98
		1*	3.7			SARASOTA FL					
2*	3.3	1*	1.6			SEMINOLE FL	-52				
15	.4	5	.1	15	.4	GEORGIA GA	-64	158	-8		
1*	1.3					BALDWIN GA					
1*	7.3					CAMDEN GA					
				1*	3.2	CARROLL GA					98
1	.4	1	.4	2	.8	CHATHAM GA	-5	113	101	88	96
		1*	2.3			CLARKE GA					
1*	4.2			1*	5.4	COBB GA			29	84	99
1*	1.5			1	1.1	DOUGHERTY GA			-26	57	96
				2*	5.6	FLOYD GA					99
3	.4	2	.3	1	.2	FULTON GA	-34	-23	-49	31	94
				1*	2.1	GLYNN GA					98
				1*	10.2	IRWIN GA					99
				1*	7.2	LAMAR GA					99
1*	4.7					POLK GA					
2*	1.6			3*	1.6	RICHMOND GA			-1	71	97
1*	3.2	1*	4.3			TERRELL GA	36				
				1*	1.7	THOMAS GA					97
1*	1.5					TROUP GA					
1*	8.6					WAYNE GA					
1*	16.6					WHITFIELD GA					
		17*	1.1	16*	.7	HAWAII HI		-32			
		2	.6	1	.3	HAWAII HI		-57			94
		15*	1.5	13*	.9	HONOLULU HI		-40			96
				2	.9	MAUI#HI					96
1*	3.6					IDAHO ID					
1*	70.1					BENEWAH ID					
15	.5	15	.3	16	.4	ILLINOIS IL	-34	25	-17		
15*	.6	12	.3	13	.4	COOK IL	-53	43	-32	53	95
				1*	1.8	KANKAKEE IL					97
		1*	1.9			MADISON IL					
		1*	12.1			MORGAN IL					
				2	.8	ST CLAIR IL					96
		1*	3.2			SANGAMON IL					
8*	1.0	4	.4	5	.4	INDIANA IN	-60	-6	-62		
1*	4.5	1*	5.7			DELAWARE IN	28				
				1*	31.3	FAYETTE IN					99
1*	6.9					GRANT IN					
3*	1.4	2	.7	2	.5	LAKE IN	-50	-21	-61	26	95
1*	9.2					MADISON IN					
1	.4	1	.2	2	.4	MARION IN	-49	73	-13	66	95
1*	1.8					VANDERBURGH IN					
		1	.5	1	.7	IOWA IA		41			
		1*	1.6	1*	1.9	POLK IA		15			97
1	.3			3	.6	KANSAS KS			141		
1*	22.1					GEARY KS					
				1	1.6	SEDGWICK KS					97
				1*	1.8	SHAWNEE KS					97
				1	.6	WYANDOTTE KS					95
4	.4	2	.2	2	.2	KENTUCKY KY	-54	15	-47		
		1*	21.3			CALDWELL KY					
3	.9	1	.2	2	.5	JEFFERSON KY	-75	125	-44	40	95
1*	11.4					WOODFORD KY					
8	.2	18	.5	15	.4	LOUISIANA LA	107	-23	59		
		1*	2.7			ASCENSION LA					
		1*	3.0			ASSUMPTION LA					
				1*	7.2	BEAUREGARD LA					99
1	.4	2	.6			CADDO LA	60				
1*	8.3					CALDWELL LA					
1	.5	2	.9	2	.7	EAST BATON ROUGE LA	77	-28	27	82	95
		1*	6.6			GRANT LA					
				2*	3.4	IBERIA LA					98
		1*	2.4			IBERVILLE LA					
				1	.7	JEFFERSON LA					96
				1*	1.6	LAFAYETTE LA					97
1*	5.5					LAFOURCHE LA					
		1*	2.4			LINCOLN LA					
2	.3	6	.7	7*	.7	ORLEANS LA	128	3	134	95	96
1	.9					OUACHITA LA					
		1*	4.6			PLAQUEMINES LA					
		1*	2.1			POINTE COUPEE LA					
1	.8					RAPIDES LA					
		1*	3.4	1*	3.9	UNION LA		13			98
5	.3	11	.5	6	.2	MARYLAND MD	90	-66	-35		

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

CANCER OF THE THYROID GLAND — ICD 193

NON-WHITE MALE 1950-1959 DEATHS	RATE	1960-1969 DEATHS	RATE	1970-1979 DEATHS	RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE RATES 70S/50S	1970S
		1	1.0	2*	1.5	ANNE ARUNDEL MD		48			97
		1*	5.5			CAROLINE MD					
		1*	2.4	1	.5	MONTGOMERY MD		-77			95
				2	.3	PRINCE GEORGE'S MD					94
1*	5.3					ST MARY'S MD					
4	.4	8	.6	1	.1	BALTIMORE CITY MD	73	-91	-84	02	94
3	.7	2	.4	3	.4	MASSACHUSETTS MA	-42	-1	-42		
				1*	11.5	BERKSHIRE MA					99
1*	3.7					HAMPDEN MA					
1*	2.1					MIDDLESEX MA					
		1*	5.4			PLYMOUTH MA					
1	.5	1	.4	2	.6	SUFFOLK MA	-2	29	26	80	95
3	.3	10	.4	10	.2	MICHIGAN MI	63	-40	-2		
				1	.7	GENESEE MI					96
		1*	3.4			KENT MI					
				1	.7	SAGINAW MI					96
1*	12.4					VAN BUREN MI					
2	.1	9	.4	8	.3	WAYNE MI	274	-38	130	93	94
1	1.1			1	.3	MINNESOTA MN			-75		
				1*	32.8	ITASCA MN					99
1*	22.5					ST LOUIS MN					
6	.2	7	.2	12	.4	MISSISSIPPI MS	22	69	105		
		1	1.4	1*	1.2	ADAMS MS		-17			96
		1*	5.7			ALCORN MS					
1	.7					BOLIVAR MS					
				1*	4.0	CARROLL MS					99
				1*	5.7	CLAIBORNE MS					99
				1*	2.6	COPIAH MS					98
				1*	1.7	FORREST MS					97
				1	.3	HINDS MS					94
1*	4.4					MONTGOMERY MS					
		2*	6.5	1*	2.6	OKTIBBEHA MS		-61			98
1*	1.6					PANOLA MS					
				1*	2.0	PIKE MS					98
1*	1.7	1*	1.6			RANKIN MS	0				
1*	3.7					SIMPSON MS					
		1	1.0	1	1.4	SUNFLOWER MS		45			97
				1*	1.5	TALLAHATCHIE MS					97
				1	.9	WARREN MS					96
		1	.6	1	.5	WASHINGTON MS		-13			95
1*	3.3					WILKINSON MS					
10*	.7	8	.5	7	.3	MISSOURI MO	-33	-28	-51		
2	.7	3	.8	2	.4	JACKSON MO	16	-47	-38	46	95
				1*	30.3	LINCOLN MO					99
1*	44.6					MACON MO					
		1*	8.0			NEW MADRID MO					
1*	32.6					RAY MO					
2*	2.5			1	.6	ST LOUIS COUNTY MO			-78	08	95
4	.5	4	.5	3	.3	ST LOUIS CITY MO	-6	-37	-41	44	94
1	1.4					MONTANA MT					
1*	11.8					BIG HORN MT					
1	.8	1	.8	1	.7	NEBRASKA NB	-2	-9	-10		
1*	546.4					BOONE NB					
		1	1.0	1	.9	DOUGLAS NB		-13			96
6	.4	8	.3	10	.3	NEW JERSEY NJ	-12	-5	-16		
				1	1.5	BURLINGTON NJ					97
		1	.6			CAMDEN NJ					
		1*	4.6			CAPE MAY NJ					
3	.6	2	.2	4	.4	ESSEX NJ	-62	73	-34	51	95
2*	2.0	1	.4	1	.4	HUDSON NJ	-80	-6	-82	04	94
		1	.8			MERCER NJ					
1	.7					MONMOUTH NJ					
		1	.7	3*	1.6	PASSAIC NJ		118			97
		1	.6	1	.3	UNION NJ		-54			94
1	.5			2	.4	NEW MEXICO NM			-5		
				1*	1.2	MC KINLEY NM					96
				1*	3.4	SANDOVAL NM					98
1*	2.7					SAN JUAN NM					
13	.4	32*	.6	22	.2	NEW YORK NY	52	-59	-38		
		1*	2.9			ALBANY NY					
1	.2	4	.5	1	.1	BRONX NY	156	-72	-29	55	94
3*	1.3	1	.9	2	.4	ERIE NY	-33	-52	-68	17	95
1	.1	9*	.5	7	.3	KINGS(BROOKLYN) NY	336	-38	170	97	94
1*	2.1					MONROE NY					
		1	1.5	1	.4	NASSAU NY		-75			95
4	.2	12*	.6	2	.1	NEW YORK(MANHATTAN) NY	178	-86	-62	22	94
		1*	1.9			ORANGE NY					
1	.3	1	.2	4	.2	QUEENS NY	-25	12	-16	64	94
				1*	1.4	RICHMOND NY					96
		2*	1.8	2	.8	SUFFOLK NY		-53			96
2*	2.8			2	.6	WESTCHESTER NY			-79	06	95

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE 1950-1959		1960-1969		1970-1979		CANCER OF THE THYROID GLAND COUNTY AND STATE		PERCENT CHANGE			ICD 193 PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
14	.5	8	.2	11	.2	NORTH CAROLINA	NC	-55	15	-48		
3*	6.3					BUNCOMBE	NC					
		1*	3.6			CABARRUS	NC					
				1*	2.0	CHATHAM	NC					98
1*	2.4					CLEVELAND	NC					
		1*	1.9			COLUMBUS	NC					
1	1.3					EDGECOMBE	NC					
		1	.5	1	.4	FORSYTH	NC		-10			95
1*	2.1					FRANKLIN	NC					
2*	1.3					GUILFORD	NC					
1*	3.8					HARNETT	NC					
		1*	2.0	1*	1.8	HERTFORD	NC		-11			97
1*	17.6					JACKSON	NC					
				1	.4	MECKLENBURG	NC					95
				1*	2.3	ONSLOW	NC					98
1	.7	1	.9			ROBESON	NC	21				
				2*	3.1	ROWAN	NC					98
		1*	5.1			RUTHERFORD	NC					
				1*	5.8	STANLY	NC					99
		1*	1.8			VANCE	NC					
1	.8	1	.6	2*	.9	WAKE	NC	-28	58	14	77	96
2*	3.1			1	1.1	WAYNE	NC			-64	20	96
11	.4	15	.4	9	.2	OHIO	OH	11	-47	-42		
				1*	7.5	BELMONT	OH					99
1*	22.3					BROWN	OH					
		1*	2.0			CLARK	OH					
				1*	49.7	COSHOCTON	OH					99
5	.6	6	.6	4	.3	CUYAHOGA	OH	12	-53	-48	33	94
3*	1.0					FRANKLIN	OH					
		5*	.8	1	.2	HAMILTON	OH		-82			94
		1	.6	1	.5	LUCAS	OH		-20			95
1*	20.2					MADISON	OH					
1	.5	1	.3	1	.4	MONTGOMERY	OH	-44	41	-21	60	95
		1*	1.9			TRUMBULL	OH					
2	.2	2	.2	4	.3	OKLAHOMA	OK	-19	64	32		
				1*	10.3	CRAIG	OK					99
		1*	5.4			MC INTOSH	OK					
1*	3.6					OKFUSKEE	OK					
		1	.5			OKLAHOMA	OK					
1*	2.6			1*	2.9	OKMULGEE	OK			12	75	98
				1*	3.7	OSAGE	OK					98
				1	.5	TULSA	OK					95
2*	1.4					OREGON	OR					
1	.8					MULTNOMAH	OR					
1*	16.4					WASCO	OR					
13	.4	13	.3	19	.5	PENNSYLVANIA	PA	-9	37	25		
3	.5	4	.5	1	.2	ALLEGHENY	PA	3	-70	-69	15	94
1*	2.1			1*	1.7	BEAVER	PA			-18	62	97
				1*	24.9	BLAIR	PA					99
		1	1.6			CHESTER	PA					
1*	1.2	1	1.3			DAUPHIN	PA	3				
				1	.5	DELAWARE	PA					95
		1	1.4			MONTGOMERY	PA					
8	.4	6	.3	15*	.6	PHILADELPHIA	PA	-35	152	65	86	95
1*	1.6					RHODE ISLAND	RI					
1*	2.2					PROVIDENCE	RI					
10	.4	5	.2	12	.5	SOUTH CAROLINA	SC	-52	138	14		
				1	1.5	AIKEN	SC					97
				1*	1.4	ANDERSON	SC					97
1*	3.4					BARNWELL	SC					
2	1.7					CHARLESTON	SC					
1*	1.6					DARLINGTON	SC					
				1*	1.6	DORCHESTER	SC					97
		1*	3.0			EDGEFIELD	SC					
1*	2.6					FAIRFIELD	SC					
				1	.8	GREENVILLE	SC					96
				1*	1.9	GREENWOOD	SC					97
1*	1.2					HOPRY	SC					
				1*	2.2	KERSHAW	SC					98
		1*	2.1			MARION	SC					
				1*	2.8	NEWBERRY	SC					98
		1	1.0	2*	1.6	ORANGEBURG	SC		65			97
		1*	4.5			PICKENS	SC					
		1	.5			RICHLAND	SC					
1*	5.2			1*	5.3	SALUDA	SC			3	73	99
2*	1.7					SPARTANBURG	SC					
1	1.0					SUMTER	SC					
				1*	3.8	UNION	SC					98
				1*	1.8	YORK	SC					97
1	1.2	1	1.4			SOUTH DAKOTA	SD	14				
1*	546.4					LINCOLN	SD					
		1*	5.9			SHANNON	SD					
7	.3	5	.2	9	.3	TENNESSEE	TN	-32	70	15		

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE 1950-1959		1960-1969		CANCER OF THE THYROID GLAND 1970-1979		COUNTY AND STATE	PERCENT CHANGE			ICD 193 PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
3*	.9	1	.4			DAVIDSON TN	-57				
1*	1.0					FAYETTE TN					
1*	2.5					GIBSON TN					
				1	.5	HAMILTON TN					95
				1*	2.3	HARDEMAN TN					98
1*	28.7					LOUDON TN					
1	1.3					MADISON TN					
				1*	2.5	MAURY TN					98
		1*	4.1			ROBERTSON TN					
		2	.2	5	.5	SHELBY TN		127			95
				1*	267.9	STEWART TN					99
		1*	7.0			SUMNER TN					
12	.3	15	.3	15	.2	TEXAS TX	0	-34	-33		
				1*	4.3	ANDERSON TX					99
1	1.3	1	.7			BEXAR TX	-46				
1*	1.7					BOWIE TX					
1*	2.9					BRAZOS TX					
		1*	21.5			CAMERON TX					
2	.6	3	.5	1	.1	DALLAS TX	-24	-69	-77	11	94
1*	3.7					EL PASO TX					
		1*	2.3			FALLS TX					
1	2.6					GALVESTON TX					
				1*	4.0	GONZALES TX					99
2	.3	3	.4	4	.2	HARRIS TX	37	-34	-10	68	94
1	1.2					HARRISON TX					
				1*	3.9	HOUSTON TX					99
		1*	4.6			JASPER TX					
				1	.4	JEFFERSON TX					95
				1*	12.3	LAVACA TX					99
		1	.8	1	.7	MC LENNAN TX		-14			96
		1*	7.5			MILAM TX					
1*	2.3					RUSK TX					
				2*	1.5	SMITH TX					97
				1*	32.6	SWISHER TX					99
		1	.4	1	.2	TARRANT TX		-35			94
		1*	7.2			TAYLOR TX					
		1*	6.7			TITUS TX					
1*	4.9					WILLIAMSON TX					
		1*	1.1			UTAH UT					
		1*	3.0			SALT LAKE UT					
9	.3	13	.4	8	.2	VIRGINIA VA	24	-42	-28		
				1*	7.0	ALLEGHANY#VA					99
				1*	3.5	ARLINGTON#VA					98
1*	5.9					CHARLOTTE VA					
2	.7	3	.7			CHESTERFIELD#VA	12				
		1	1.5			FAIRFAX#VA					
1*	4.6					GREENSVILLE#VA					
		1*	4.8			HANOVER VA					
		1*	3.3			ISLE OF WIGHT VA					
				1*	1.5	JAMES CITY#VA					97
		1*	1.9			MECKLENBURG VA					
		1*	2.4			NORTHAMPTON VA					
		1*	3.8			NOTTOWAY VA					
		1	1.0			PITTSYLVANIA#VA					
1*	8.2					POWHATAN VA					
				1	.9	ROANOKE#VA					96
				1*	1.7	SOUTHAMPTON#VA					97
1*	7.4					SUFFY VA					
		1*	22.3			WARREN VA					
3	.5	1	.1	1	.2	CHESAPEAKE CITY#VA	-72	41	-61	28	94
				1	1.2	HAMPTON CITY VA					96
		1	.5	1	.7	NEWPORT NEWS CITY VA		31			95
1	.4	1	.3	5*	.7	WASHINGTON WA	-20	126	80		
				1*	14.8	GRAYS HARBOR WA					99
				3	.7	KING WA					96
				1*	2.8	SPOKANE WA					98
		1*	29.8			THURSTON WA					
1*	34.4					WALLA WALLA WA					
1	.2	2	.4	2	.4	WEST VIRGINIA WV	126	-4	118		
				1*	3.9	MARION WV					98
1*	2.7					MERCER WV					
		1*	1.9	1*	1.8	RALEIGH WV		-1			97
		1*	17.2			WYOMING WV					
3*	1.3			1	.3	WISCONSIN WI			-76		
1*	212.0					EAU CLAIRE WI					
				1*	8.6	MENOMINEE#WI					99
1	.3					MILWAUKEE WI					
1*	13.3					ROCK WI					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
492	.7	619	.7	636	.5	UNITED STATES	-6	-27	-32		
18	.5	29	.6	31	.6	ALABAMA AL	36	-10	22		
1*	3.4			1	1.6	BALDWIN AL			-53	36	95
		1	1.8	1	1.6	BARBOUR AL		-12			95
1*	26.5					BLOUNT AL					
		1	1.6			BULLOCK AL					
1	2.6					CLARKE AL					
				2*	5.2	COFFEE AL					98
1	2.0					COLBERT AL					
				1*	1.9	CONECUH AL					96
1*	8.9					COOSA AL					
				1*	3.1	CRENSHAW AL					97
		2	1.4			DALLAS AL					
		1	2.1			ESCAMBIA AL					
1	1.6	1	1.9			ETOWAH AL	19				
		1	1.6			HOUSTON AL					
5	.6	8	.7	8	.6	JEFFERSON AL	20	-16	0	72	92
2*	21.9					LAMAR AL					
		1*	3.4			LAWRENCE AL					
				1	.9	LEE AL					93
		1*	2.4			LIMESTONE AL					
		1	.8	1	.9	MACON AL		10			93
				1	.9	MADISON AL					93
				2*	1.8	MARENGO AL					95
1	.4	4	.9	2	.4	MOBILE AL	102	-58	-14	60	90
		1	1.7	1	2.2	MONROE AL		28			96
1	.4			1	.2	MONTGOMERY AL			-55	27	90
		3*	6.6	1	1.7	PICKENS AL		-74			95
				1	1.8	PIKE AL					95
		1*	6.1			RANDOLPH AL					
1*	4.1					SHELBY AL					
		1	1.5	2*	2.1	TALLADEGA AL		45			96
1	3.2					TALLAPOOSA AL					
				2	1.2	TUSCALOOSA AL					94
		1*	3.6			WALKER AL					
				1*	3.6	WASHINGTON AL					98
1	1.7			1	2.4	WILCOX AL			42	86	96
		2	1.4	1	1.0	ALASKA AK		-29			
1	.3	8*	2.1	3	.4	ARIZONA AZ	605	-81	34		
		2*	3.1			APACHE AZ					
				1*	4.0	COCONINO AZ					98
		1*	11.1			GILA AZ					
1	.9	1	.7	1	.3	MARICOPA AZ	-20	-53	-62	20	90
		1	1.9			NAVAJO AZ					
		2*	3.3	1	.5	PIMA AZ		-86			91
		1*	7.7			YUMA AZ					
12	.7	15	.8	11	.5	ARKANSAS AR	5	-34	-31		
1	2.0			1	2.4	CHICOT AR			20	80	96
		1*	3.2			CLARK AR					
1	1.0					CRITTENDEN AR					
		1*	2.9			CROSS AR					
2*	3.8	1	2.0			DESHA AR	-47				
				1	2.4	HEMPSTEAD AR					96
1*	11.4			1*	4.7	HOT SPRING AR			-59	24	98
		1*	6.7	2*	12.6	JACKSON AR		87			99
3	2.1	3	1.4			JEFFERSON AR	-32				
		2*	5.1			MILLER AR					
				1*	3.6	NEVADA AR					98
1*	344.1					NEWTON AR					
		2*	3.0	2*	2.2	OUACHITA AR		-26			96
		1	.6			PHILLIPS AR					
1	.3	2	.8	2	.5	PULASKI AR	130	-43	32	84	91
		1	1.5			ST FRANCIS AR					
				1*	2.6	SEBASTIAN AR					97
1	1.5					UNION AR					
1*	3.3					WOODRUFF AR					
28	1.2	29	.6	46	.4	CALIFORNIA CA	-53	-30	-67		
6*	2.6	4	.5	4	.4	ALAMEDA CA	-82	-7	-84	04	91
1	1.3			2	.6	CONTRA COSTA CA			-54	35	92
				1*	13.7	DEL NORTE CA					99
1	1.1			1	.5	FRESNO CA			-55	30	91
1*	21.0					INYO CA					
1	1.7	1	1.2	1	.6	KERN CA	-26	-50	-63	19	92
12	1.0	12	.5	23	.4	LOS ANGELES CA	-48	-18	-57	25	91
				2	.7	ORANGE CA					92
1	2.4	1	1.4			RIVERSIDE CA	-41				
1	1.5			2	.6	SACRAMENTO CA			-59	23	92
				1	.4	SAN BERNARDINO CA					91
2	3.0			2	.4	SAN DIEGO CA			-86	01	91
1	.9	9*	1.9	6	.6	SAN FRANCISCO CA	120	-69	-32	52	92
1*	42.4					SAN LUIS OBISPO CA					
		2*	1.2			SAN MATEO CA					
				1	.2	SANTA CLARA CA					90
3*	1.9	2	1.0			COLORADO CO	-46				
1	1.2	2	1.4			DENVER-ARAPAHOE#CO	17				
1*	4.0					EL PASO CO					
1*	49.2					OTERO CO					

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3	1.1	5	1.2	7	1.0	CONNECTICUT CT	8	-15	-8		
		2	1.5	4*	1.7	FAIRFIELD CT		18			95
2*	2.4	1	1.2	2	1.1	HARTFORD CT	-49	-15	-57	26	94
1*	30.3	1*	12.6			LITCHFIELD CT	-58				
		1	.7	1	.5	NEW HAVEN CT		-31			91
		4	1.7	1	.3	DELAWARE DE		-65			
		3*	6.6			KENT DE					
		1	.7			NEW CASTLE DE					
				1	1.5	SUSSEX DE					95
6	.5	12	.6	11	.5	DIST. OF COLUMBIA DC	28	-20	3		
6	.5	12	.6	11	.5	WASHINGTON DC	28	-20	3	73	91
9	.3	31	.8	27	.5	FLORIDA FL	157	-38	59		
		1	2.0			BAY FL					
		3	1.3	1	.3	BROWARD FL		-80			90
				1*	3.1	COLUMBIA FL					97
1	.2	9*	2.0	9	1.0	DADE FL	1154	-49	539	99	93
3	.9	5	.9	3	.5	DUVAL FL	0	-48	-47	41	91
		1	.6	1	.5	ESCAMBIA FL		-19			91
		1*	22.3			FLAGLER FL					
				1	.9	GADSDEN FL					93
		1*	7.1			HAMILTON FL					
1	.4			2	.5	HILLSBOROUGH FL			42	85	92
		1*	2.9			JEFFERSON FL					
				1*	2.1	LEE FL					96
		1	.9	1	.8	LEON FL		-15			93
1	1.2			2*	2.2	MARION FL			80	88	96
				1*	5.5	OKALOOSA FL					98
				1	.4	ORANGE FL					91
		2	.9	1	.3	PALM BEACH FL		-71			90
1	.7	1	.6	2	.9	PINELLAS FL	-19	60	30	82	93
1	2.4					PUTNAM FL					
		1*	2.7			SARASOTA FL					
		2*	3.5			SEMINOLE FL					
		2*	8.7			SUWANNEE FL					
1*	10.5					WASHINGTON FL					
28	.6	25	.5	24	.4	GEORGIA GA	-24	-21	-39		
1*	6.5					BAKER GA					
		1*	12.8			BERRIEN GA					
		1	.5			BIBB GA					
		1*	12.2			BRYAN GA					
				1	1.4	BURKE GA					94
				1*	212.0	CATOOSA GA					99
		1*	17.7			CHARLTON GA					
5*	1.8	1	.2			CHATHAM GA	-86				
		1	1.8			CLARKE GA					
				1*	2.3	COLQUITT GA					96
		1*	7.0			COOK GA					
		1	2.3			COWETA GA					
1	.8			2	.7	DE KALB GA			-10	64	92
1	.7			1	.7	DOUGHERTY GA			-4	69	92
		1*	4.5			ELBERT GA					
				2*	4.0	FLOYD GA					98
8	1.4	7	.7	4	.3	FULTON GA	-46	-56	-76	08	90
1	2.5					GLYNN GA					
				1*	3.5	GRADY GA					97
1*	4.1					GREENE GA					
		1*	9.6	1*	4.4	GWINNETT GA		-54			98
1*	4.6			1*	2.9	HANCOCK GA			-36	49	97
		1	1.2			LOWNDES GA					
1*	4.2					MC DUFFIE GA					
1	1.5					MITCHELL GA					
		1*	12.4	1*	8.0	MONTGOMERY GA		-35			99
				2	.9	MUSCOGEE#GA					93
		1*	9.3			OGLETHORPE GA					
				1*	6.2	PIERCE GA					99
1*	3.5					POLK GA					
1	3.5					RANDOLPH GA					
				4*	1.5	RICHMOND GA					95
1*	16.3					SCHLEY GA					
		2*	5.4			SPALDING GA					
1	1.2					SUMTER GA					
		1*	6.4			TATTNALL GA					
1*	9.4					TELFAIR GA					
1	1.5					TROUP GA					
				1*	5.7	TWIGGS GA					98
		1	2.1			WASHINGTON GA					
1*	5.3	1*	6.4			WILKINSON GA	19				
		21*	1.6	19*	.9	HAWAII HI		-46			
		2	1.1	1	.4	HAWAII HI		-65			91
		16*	1.7	17*	1.0	HONOLULU HI		-39			94
		3*	2.4	1	.8	MAUI#HI		-68			93
		1*	3.6			IDAHO ID					
		1*	26.5			NEZ PERCE ID					
30	1.0	34	.8	38	.6	ILLINOIS IL	-23	-29	-45		
		2*	6.1			ALEXANDER IL					

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				1*	2.5	CHAMPAIGN IL					97
27	1.2	26	.7	30	.5	COOK IL	-37	-27	-54	32	92
		1*	7.2	1*	2.8	KANE IL		-62			97
				1	2.1	KANKAKEE IL					96
1*	1.9					LAKE IL					
1*	38.3					LA SALLE IL					
				1*	14.3	MC LEAN IL					99
				1	1.2	MADISON IL					94
		1*	36.4			RANDOLPH IL					
		2	.8			ST CLAIR IL					
1*	3.8			1*	2.5	SANGAMON IL			-35	51	96
		1*	5.1	1*	3.3	VERMILION IL		-35			97
				1	1.0	WILL IL					93
		1*	3.0			WINNEBAGO IL					
7	.8	9	.7	8	.5	INDIANA IN	-11	-25	-33		
1*	2.2					ALLEN IN					
		1*	47.1			BARTHOLOMEW IN					
		1*	6.0			CLARK IN					
1*	5.2					DELAWARE IN					
1*	12.1					GRANT IN					
				1*	70.7	KOSCIUSKO IN					99
1	.3	2	.4	3	.7	LAKE IN	44	49	113	93	92
2	.5	3	.6	3	.5	MARION IN	25	-28	-10	65	91
		2*	2.9			ST JOSEPH IN					
1*	24.8					TIPPECANOE IN					
				1*	2.7	VIGO IN					97
1	.8	3*	2.3	1	.7	IOWA IA	178	-72	-22		
		1*	112.4			MONROE IA					
1*	298.1					MUSCATINE IA					
		1*	114.7			PAGE IA					
		1	2.0			POLK IA					
				1*	11.1	SCOTT IA					99
3	.8	6	1.3	4	.6	KANSAS KS	70	-51	-17		
1*	27.0					BOURBON KS					
		1*	81.8			FINNEY KS					
				1*	17.2	RENO KS					99
1	2.1	1	1.8	1	1.1	SEDGWICK KS	-16	-39	-49	39	94
		2*	4.2	1	1.7	SHAWNEE KS		-59			95
1	.6	2	1.3	1	.5	WYANDOTTE KS	111	-63	-22	56	91
8	.8	17*	1.4	6	.4	KENTUCKY KY	76	-70	-47		
1*	8.3					BARREN KY					
		1*	57.3			BATH KY					
				1*	6.2	BOURBON KY					98
1*	14.6					BOYD KY					
		2	1.6	2	1.6	FAYETTE KY		0			95
				1*	15.2	FULTON KY					99
		1*	8.3			GRAVES KY					
		1*	14.4			HARDIN KY					
3	1.1	11*	2.6	2	.3	JEFFERSON KY	141	-87	-69	14	90
1	2.4					MC CRACKEN KY					
1*	18.7					MUHLENBERG KY					
1*	4.1					WARREN KY					
		1*	15.1			WEBSTER KY					
24	.6	30	.7	32	.6	LOUISIANA LA	13	-10	1		
				1*	4.6	ALLEN LA					98
		1*	3.7			ASSUMPTION LA					
1	.4			5	1.0	CADDO LA			176	95	93
1	1.3			1	.7	CALCASIEU LA			-48	40	92
1*	7.5					CALDWELL LA					
		1	2.0			CLAIBORNE LA					
1	2.3					CONCORDIA LA					
		1	1.6			DE SOTO LA					
2	.8	2	.6	2	.5	EAST BATON ROUGE LA	-20	-19	-36	50	91
		1	1.9			EAST CARROLL LA					
3*	9.1			1*	1.8	FRANKLIN LA			-80	06	95
		2*	3.8	1	1.5	IBERIA LA		-59			95
				1*	3.3	JACKSON LA					97
1	1.3	1	.8	2	1.3	JEFFERSON LA	-36	51	-4	70	94
				1*	3.7	LAFOURCHE LA					98
				1*	8.2	LA SALLE LA					99
				2*	2.4	NATCHITOCHES LA					96
8	.9	6	.6	5	.4	ORLEANS LA	-35	-37	-59	22	91
				1	.7	OUACHITA LA					92
				1	1.7	POINTE COUPEE LA					95
2	1.1					RAPIDES LA					
				1*	3.9	RED RIVER LA					98
				1	1.7	RICHLAND LA					95
		1*	4.5			ST CHARLES LA					
		1*	4.4			ST HELENA LA					
		1	3.0			ST JAMES LA					
2*	4.9	1	2.9			ST JOHN THE BAPT LA	-40				
				3*	2.1	ST LANDRY LA					96
		1*	2.6			ST MARTIN LA					
		1	1.1	1	1.5	ST MARY LA		37			95
		1	2.1			ST TAMMANY LA					
		1	2.0			TENSAS LA					
2*	4.0	2*	4.2			TERREBONNE LA	6				
		1*	3.1			UNION LA					
				1*	6.6	VERNON LA					99
		1	1.6			WASHINGTON LA					
		1	2.0			WEBSTER LA					

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		2*	7.9			WINN LA					
11	.7	20	1.0	15	.5	MARYLAND MD	39	-52	-33		
		2	1.8			ANNE ARUNDEL MD					
				1*	3.4	CALVERT MD					97
				1	2.0	DORCHESTER MD					96
1*	6.1			1*	3.4	FREDERICK MD			-44	44	97
		1*	3.4			HARFORD MD					
				1	.6	MONTGOMERY MD					92
				2	.5	PRINCE GEORGE'S MD					91
		1*	5.3			ST MARY'S MD					
		1	2.9			SOMERSET MD					
		1*	3.3			TALBOT MD					
		2*	5.7			WICOMICO MD					
10	1.1	12	.9	9	.5	BALTIMORE CITY MD	-15	-45	-54	33	91
1	.2	3	.4	2	.2	MASSACHUSETTS MA	59	-49	-18		
		1	1.4			HAMPDEN MA					
				1	.6	MIDDLESEX MA					92
1	.4	2	.4	1	.2	SUFFOLK MA	-2	-52	-53	37	90
16	.9	20	.7	26	.6	MICHIGAN MI	-21	-16	-34		
				1*	62.9	BARAGA MI					99
1*	4.9					CALHOUN MI					
1	1.3	1	1.0			GENESEE MI	-21				
				1	1.3	MUSKEGON MI					94
				1*	28.8	NEWAYGO MI					99
1	2.5			1	.4	OAKLAND MI			-84	03	91
13	1.0	19	.9	22	.7	WAYNE MI	-9	-23	-30	53	92
				1	.4	MINNESOTA MN					
				1*	182.1	OLMSTED MN					99
19	.5	25	.6	17	.4	MISSISSIPPI MS	18	-32	-20		
1	1.5	2	1.9			ADAMS MS	25				
				1*	2.8	AMITE MS					97
		1	2.8			ATTALA MS					
1	.6					BOLIVAR MS					
		1*	4.2			CHICKASAW MS					
				1*	4.0	CLARKE MS					98
		2	1.6			COAHOMA MS					
1	1.6	1	1.2			COPIAH MS	-26				
1	1.3					FORREST MS					
				1	2.8	GRENADA MS					97
2	.9	2	.6	2	.5	HINDS MS	-37	-14	-45	43	91
				1	.8	HOLMES MS					93
1*	8.9					ISSAQUENA MS					
				1	1.7	JACKSON MS					95
1*	3.3					JASPER MS					
		1	2.3			JEFFERSON MS					
		1	1.3	1	1.5	JONES MS		14			95
				1*	2.1	LAFAYETTE MS					96
		1	1.0			LAUDERDALE MS					
1	2.4			1	2.0	LEE MS			-18	58	96
1	.9			1	1.0	LEFLORE MS			16	78	93
		1	2.0			LINCOLN MS					
		1	1.1			LOWNDES MS					
				1*	3.2	MARION MS					97
1	1.9					MONROE MS					
1*	5.0					MONTGOMERY MS					
				1*	3.0	NESHOBA MS					97
		1*	3.7			NEWTON MS					
		1	2.3			NOXUBEE MS					
1	2.2					OKTIBBEHA MS					
1	1.2					PANOLA MS					
1*	7.1					PEARL RIVER MS					
1	2.6					PIKE MS					
				1*	6.8	PONTOTOC MS					99
		1*	3.3	1*	3.3	SCOTT MS		1			97
		2	1.7	1	1.1	SUNFLOWER MS		-36			94
		1	1.4			TALLAHATCHIE MS					
		1	2.8			TATE MS					
		1	2.2			TUNICA MS					
		2	1.4			WARREN MS					
1	.5	1	.6			WASHINGTON MS	33				
				1*	2.4	WILKINSON MS					96
1*	3.4					YALOBUSHA MS					
1	1.0					YAZOO MS					
14	.9	11	.6	12	.5	MISSOURI MO	-40	-14	-49		
6*	2.0	3	.8	3	.5	JACKSON MO	-62	-29	-73	09	92
		1*	14.6			LAFAYETTE MO					
		2*	5.0			PEMISCOT MO					
		1*	9.6	1*	7.9	RANDOLPH MO		-18			99
				1	.4	ST LOUIS COUNTY MO					90
8	1.1	4	.4	7	.6	ST LOUIS CITY MO	-65	47	-48	40	92
1	1.7	3*	3.4	3*	3.6	MONTANA MT	93	6	105		
		1*	10.5			BIG HORN MT					
		1*	7.3			GLACIER MT					
		1*	32.2			LEWIS AND CLARK MT					
1*	13.8			1*	12.8	ROOSEVELT MT			-7	66	99
				1*	23.6	ROSEBUD MT					99
				1*	267.9	SHERIDAN MT					99

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NON-WHITE FEMALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
1	.9	2	1.3	1	.4	NEBRASKA NB	44	-69	-56		
1	1.1	1	1.0	1	.5	DOUGLAS NB	-11	-48	-54	34	92
		1*	74.3			KNOX NB					
8	.6	9	.4	23	.7	NEW JERSEY NJ	-28	53	11		
1	.8	2	1.5	3	1.6	ATLANTIC NJ	80	12	102	91	95
		1	1.3			BERGEN NJ					
				2	.7	CAMDEN NJ					92
				2*	3.0	CUMBERLAND NJ					97
4	1.0	2	.3	5	.4	ESSEX NJ	-70	54	-54	33	91
		1	.6	2	1.0	HUDSON NJ		73			93
1	2.8			2	.8	MERCER NJ			-72	11	93
		1	.8	1	.6	MIDDLESEX NJ		-28			92
1	.6			1	.5	MONMOUTH NJ			-17	59	92
		2	2.0	2	1.2	PASSAIC NJ		-41			94
				1*	2.6	SALEM NJ					97
1	.8			2	.8	UNION NJ			1	73	93
1	.7	1	.5	1	.1	NEW MEXICO NM	-18	-76	-81		
1	2.4	1	2.4	1	.9	MC KINLEY NM	0	-61	-61	21	93
43	.9	43	.6	61	.5	NEW YORK NY	-32	-15	-42		
1*	2.4					ALBANY NY					
1	.2	6	.7	16*	.9	BRONX NY	197	32	291	97	93
2	1.2	3	.8	4	1.1	ERIE NY	-33	32	-12	62	94
10	1.4	9	.6	11	.4	KINGS(BROOKLYN) NY	-60	-31	-72	10	91
		1	1.9	1	.8	MONROE NY		-59			93
3*	2.8	3	1.5	1	.2	NASSAU NY	-47	-64	-92	00	90
21*	1.0	13	.6	9	.3	NEW YORK(MANHATTAN) NY	-39	-47	-67	16	90
		1*	4.9			ONEIDA NY					
1*	3.3					ONONDAGA NY					
1	.2	4	.4	8	.4	QUEENS NY	98	8	113	92	91
1	1.1			4*	1.4	SUFFOLK NY			31	83	95
1*	7.0	1*	5.9			ULSTER NY	-16				
1	.3	2	.6	7*	1.4	WESTCHESTER NY	103	126	358	98	94
31	.9	28	.6	31	.5	NORTH CAROLINA NC	-30	-19	-43		
				1	1.0	ALAMANCE NC					93
				1	1.0	ANSON NC					94
1	2.3					BLADEN NC					
1	1.5			1	.9	BUNCOMBE NC			-39	46	93
2*	9.4					CASWELL NC					
1*	6.0	1*	5.0			CHOWAN NC	-15				
				1	1.3	COLUMBUS NC					94
1	1.1	1	.8	2	1.0	CUMBERLAND NC	-28	34	-4	68	93
		1*	29.8			DARE NC					
1	1.1	1	1.6			DUPLIN NC	42				
1	.8	2	1.0	2	.9	DURHAM NC	19	-12	5	74	93
1	1.4			2	1.7	EDGECOMBE NC			19	79	95
4*	3.2	2	.8			FORSYTH NC	-77				
				1	.9	GASTON NC					93
		1	2.5			GRANVILLE NC					
		1*	7.0			GREENE NC					
1	1.4	2	1.2	1	.3	GUILFORD NC	-12	-78	-80	05	90
		2	2.1			HALIFAX NC					
				1	1.6	HARNETT NC					95
				1	1.5	HERTFORD NC					95
1	2.0	1	1.7			JOHNSTON NC	-14				
3*	14.2					LEE NC					
1	2.4					LENOIR NC					
				1*	9.4	LINCOLN NC					99
1	2.4	1	3.1			MARTIN NC	27				
				1	.1	MECKLENBURG NC					90
		1*	6.0			MONTGOMERY NC					
		1	2.1			MOORE NC					
1	1.2	1	2.0	1	.8	NASH NC	59	-57	-32	53	93
1	1.2					NEW HANOVER NC					
1	1.1	1	1.8	3*	4.3	NORTHAMPTON NC	62	139	287	96	98
		1	1.8			PASQUOTANK NC					
				1*	4.6	PERQUIMANS NC					98
1	1.7	1	1.2			PITT NC	-28				
1*	7.3					RANDOLPH NC					
		1	1.9			RICHMOND NC					
3*	2.9	1	.6	2	.9	ROBESON NC	-79	49	-69	15	93
1	2.6			2*	2.3	ROCKINGHAM NC			-11	63	96
				1	1.5	ROWAN NC					95
		1*	14.9			STOKES NC					
		1*	10.2			SURRY NC					
		1*	13.2			TYRRELL NC					
				1	1.3	VANCE NC					94
				3	1.2	WAKE NC					94
				1	1.9	WARREN NC					96
2	2.2	1	.8			WAYNE NC	-65				
23	1.0	16	.5	29	.6	OHIO OH	-50	32	-33		
1*	4.2					BUTLER OH					
		1	1.5			CLARK OH					
				1*	7.9	COLUMBIANA OH					99
9	1.5	4	.4	10	.7	CUYAHOGA OH	-71	55	-55	29	92
		2	.5	7*	1.4	FRANKLIN OH		168			95
		1*	11.8			GALLIA OH					
		3	.5	4	.5	HAMILTON OH		16			92
1*	4.6					JEFFERSON OH					
1*	3.2					LORAIN OH					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — CANCER OF THE THYPOID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
1	.9			2	.8	LUCAS	OH			-6	66	93
2	1.4	2	1.2	1	.5	MAHONING	OH	-14	-57	-63	18	91
3	1.4	2	.8	3	.9	MONTGOMERY	OH	-41	6	-37	48	93
2*	16.7					RICHLAND	OH					
1	.9	1	.5			SUMMIT	OH	-38				
1*	3.1			1	1.8	TRUMBULL	OH			-42	46	95
1*	84.8					UNION	OH					
5	.5	4	.3	9	.6	OKLAHOMA	OK	-45	102	12		
1*	9.3					BLAINE	OK					
				1*	5.9	BRYAN	OK					98
1*	3.9					CARTER	OK					
		1*	7.0			GARFIELD	OK					
				2*	5.7	MC CURTAIN	OK					98
		1*	6.0			MAYES	OK					
				1	1.2	MUSKOGEE	OK					94
1	1.0	2	1.0	1	.4	OKLAHOMA	OK	5	-57	-55	28	91
1	2.7					OKMULGEE	OK					
				1*	4.4	PITTSBURG	OK					98
				1*	12.5	PUSHMATAHA	OK					99
				1*	3.7	ROGERS	OK					98
				1	.5	TULSA	OK					91
1*	4.3					WAGONER	OK					
2	2.5	2	1.9			OREGON	OR	-23				
1*	93.7	1*	94.4			DOUGLAS	OR	1				
		1	1.6			MULTNOMAH	OR					
1*	28.1					UMATILLA	OR					
32*	1.0	40	1.1	22	.4	PENNSYLVANIA	PA	1	-62	-61		
3	.6	10*	1.6	1	.1	ALLEGHENY	PA	158	-92	-79	07	90
1*	1.5	2*	4.5	1	1.7	BEAVER	PA	197	-63	9	76	95
		1*	7.0			CAMBRIA	PA					
2*	3.5	1	1.1			CHESTER	PA	-68				
				2	1.4	DAUPHIN	PA					94
1	.6			1	.4	DELAWARE	PA			-39	47	90
				1*	2.4	ERIE	PA					96
1	2.5			1*	1.9	FAYETTE	PA			-27	54	96
1*	8.8					LAWRENCE	PA					
				2	1.4	MONTGOMERY	PA					94
23*	1.2	24	1.1	12	.4	PHILADELPHIA	PA	-14	-67	-72	12	90
				1	2.3	WASHINGTON	PA					96
		1*	2.8			WESTMORELAND	PA					
		1*	6.3			YORK	PA					
				1	.7	RHODE ISLAND	RI					
				1	.9	PROVIDENCE	RI					93
24	.8	18	.6	15	.4	SOUTH CAROLINA	SC	-34	-30	-54		
1*	3.2			1*	3.5	ABBEVILLE	SC			10	77	97
		1*	4.1			ALLENDALE	SC					
		1	1.2	1	1.3	ANDERSON	SC		7			94
1	3.2					BARNWELL	SC					
1	1.6					BEAUFORT	SC					
		1	1.5			BERKELEY	SC					
2	.5	3	1.3	2	.5	CHARLESTON	SC	154	-62	-4	67	91
1	2.0					CHESTER	SC					
1	1.8					CLARENDON	SC					
				1	1.9	COLLETON	SC					96
		1	1.0	1	1.1	DARLINGTON	SC		1			94
		1	2.1			DILLON	SC					
		1	1.8			DORCHESTER	SC					
		1*	4.0			EDGEFIELD	SC					
1	2.3					FAIRFIELD	SC					
1	1.0	1	.9	2	1.3	FLORENCE	SC	-12	46	28	81	94
1	.8	1	.5	1	.5	GREENVILLE	SC	-36	-10	-42	45	91
1	1.3					GREENWOOD	SC					
1*	6.1			1*	2.2	JASPER	SC			-63	17	96
1	2.2	1	1.8	1	2.1	KERSHAW	SC	-15	16	-2	71	96
1	3.3					LANCASTER	SC					
1	1.5					LAURENS	SC					
1	3.4			1	1.5	LEXINGTON	SC			-56	26	95
1	1.5	1	1.1			MARION	SC	-28				
1	1.9					MARLBORO	SC					
				1	1.5	NEWBERRY	SC					95
1	.8					ORANGEBURG	SC					
1	.3	1	.3			RICHLAND	SC	15				
2	1.6					SPARTANBURG	SC					
1	.6	1	.6	2	1.4	SUMTER	SC	5	120	132	93	94
		1	2.5			UNION	SC					
1	1.2	1	1.2			YORK	SC	-4				
1	1.4			2*	1.8	SOUTH DAKOTA	SD			30		
1*	546.4					HUGHES	SD					
				1*	4.1	SHANNON	SD					98
				1*	8.1	TODD	SD					99
15	.6	13	.5	14	.4	TENNESSEE	TN	-22	-17	-35		
1*	13.3					BRADLEY	TN					
1*	114.7					CLAIBORNE	TN					
				1*	15.7	COCKE	TN					99
1	.3	2	.5	1	.2	DAVIDSON	TN	94	-61	-24	55	90
		1	1.5			FAYETTE	TN					
1*	12.6			1*	6.7	HAMBLEN	TN			-46	42	99

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NON-WHITE FEMALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
2	.9			1	.3	HAMILTON TN			-62	20	90
				1*	2.5	HARDEMAN TN					96
				1	1.9	HAYWOOD TN					96
1*	267.9					JACKSON TN					
		1	.7	1	.6	KNOX TN		-10			92
		1	.9	1	.6	MADISON TN		-26			92
1*	13.7					MARSHALL TN					
1	2.0			1	1.6	MONTGOMERY TN			-19	57	95
		2*	6.2			RUTHERFORD TN					
6	.7	5	.5	5	.4	SHELBY TN	-23	-36	-50	38	90
		1*	4.1			WILSON TN					
30	.7	30	.5	37	.4	TEXAS TX	-27	-15	-37		
2*	12.6					AUSTIN TX					
1*	91.1					BAILEY TX					
1*	2.8	1*	2.3			BASTROP TX	-15				
		1	.3	5	1.0	BEXAR TX		212			93
		1	2.1	1	1.0	BRAZOS TX		-49			94
1	3.5	2*	4.7			CASS TX	33				
				1*	7.4	CHAMBERS TX					99
1*	3.9					COLORADO TX					
2	.4	6	.9	5	.7	DALLAS TX	117	-28	56	86	92
				1	1.5	FORT BEND TX					95
1	.9					GALVESTON TX					
				1*	1.9	GRAYSON TX					96
		2*	5.7			GRIMES TX					
				1*	4.5	GUADALUPE TX					98
2	.4	5	.5	10	.7	HARRIS TX	21	44	73	87	92
		2	2.0			HARRISON TX					
				1*	3.3	HUNT TX					97
1	.3	2	.8	1	.3	JEFFERSON TX	187	-63	6	75	90
1*	5.1					LEE TX					
		1*	2.7	1*	2.6	LIBERTY TX		-6			97
		1	.7			MC LENNAN TX					
				1*	5.1	MARION TX					98
				1*	2.6	MILAM TX					97
2*	7.1					NACOGDOCHES TX					
				1	1.5	NAVARRO TX					95
		1	3.0	1	.7	NUECES TX		-77			92
1*	2.7	1*	4.4			ORANGE TX	62				
				1*	3.0	PANOLA TX					97
2*	9.7					POLK TX					
				1*	3.2	RED RIVER TX					97
		1*	14.6			REFUGIO TX					
1	1.0	1	1.0			SMITH TX	-4				
6*	3.0	1	.3	2	.5	TARRANT TX	-89	35	-85	02	91
1	.8					TRAVIS TX					
				1*	2.8	VICTORIA TX					97
1	3.0	1	2.8			WHARTON TX	-7				
2*	7.3					WICHITA TX					
1*	4.6					WILLIAMSON TX					
				2*	1.9	UTAH UT					
				2*	3.6	SALT LAKE UT					98
21	.8	36	1.1	34*	.8	VIRGINIA VA	42	-27	3		
		1	1.9			ACCOMACK VA					
				1	1.2	ALBEMARLE#VA					94
				1*	4.6	AMELIA VA					98
		1*	4.3			AMHERST VA					
1*	4.3	1	2.2	2*	5.1	ARLINGTON#VA	-49	137	20	80	98
		1*	2.9			AUGUSTA#VA					
1	.9			1	.7	BEDFORD#VA			-14	61	93
1	2.0	1	2.3	2*	5.6	BRUNSWICK VA	15	139	175	94	98
1*	5.0					BUCKINGHAM VA					
				1*	3.5	CAROLINE VA					97
1*	6.4					CHARLES CITY VA					
1	.3	3	.6	4	.7	CHESTERFIELD#VA	92	4	99	90	92
				1*	4.2	CUMBERLAND VA					98
		3	1.6	2	1.1	DINWIDDIE#VA		-33			94
		1	1.6	2	1.1	FAIRFAX#VA		-29			94
		1*	3.8	1*	3.8	FAUQUIER VA		2			98
1*	8.2					FRANKLIN VA					
1*	13.1					FREDERICK#VA					
		2*	5.8	2*	5.0	GREENSVILLE#VA		-14			98
1	1.4					HALIFAX#VA					
				2*	2.6	HENRICO VA					97
		1	1.9			HENRY#VA					
1*	5.2			1*	2.4	ISLE OF WIGHT VA			-55	31	96
				1*	9.3	KING GEORGE VA					99
1*	62.9					LEE VA					
		1*	9.3			MATHEWS VA					
		1	2.3			MECKLENBURG VA					
1*	14.9					MONTGOMERY#VA					
				1*	2.2	NORTHAMPTON VA					96
2*	8.3					NOTTOWAY VA					
		1	.9			PITTSYLVANIA#VA					
		1*	8.2			POWHATAN VA					
		1*	3.3			PRINCE EDWARD VA					
		1*	8.4			RICHMOND VA					
		1	1.5	1	.7	ROANOKE#VA		-55			92
		1*	42.4			SMYTH VA					
		1	2.2			SOUTHAMPTON#VA					
		1*	4.4	1*	2.9	SPOTSYLVANIA#VA		-34			97
		1*	7.6			TAZEWELL VA					
				1*	9.6	WARREN VA					99
				1*	4.6	WESTMORELAND VA					98
5	.9	5	1.0	2	.3	CHESAPEAKE CITY#VA	8	-72	-69	13	90

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COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE — CANCER OF THE THYROID GLAND — ICD 193

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
2*	5.2	1	1.0	1	1.1	HAMPTON CITY VA	-80	5	-79	06	94
		3*	1.8	2	1.2	NEWPORT NEWS CITY VA		-33			94
2	1.1	3	1.0	1	.1	WASHINGTON WA	-10	-85	-86		
1	.9	2	1.1	1	.3	KING WA	22	-76	-71	13	90
1*	5.9					PIERCE WA					
		1*	23.6			SNOHOMISH WA					
8*	1.9	4	.9	5	1.1	WEST VIRGINIA WV	-52	21	-42		
1*	12.7					BERKELEY WV					
1*	94.4					GRANT WV					
		1	1.1			KANAWHA WV					
		1*	4.2			LOGAN WV					
3*	4.4			4*	8.4	MC DOWELL WV			92	89	99
		1*	5.5			MARION WV					
1	2.5					MERCER WV					
		1*	56.2			POCAHONTAS WV					
1	1.6			1	1.3	RALEIGH WV			-15	60	94
1*	21.2					WYOMING WV					
2	2.2	3	.8	2	.3	WISCONSIN WI	-65	-55	-84		
2*	28.8					MENOMINEE#WI					
		3	1.1	1	.2	MILWAUKEE WI		-81			90
				1*	2.9	RACINE WI					97
		2*	10.7			WYOMING WY					
		2*	33.5			FREMONT WY					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
2296	.3	2471	.3	2228	.3	UNITED STATES	-3	-18	-21		
15	.2	26	.2	29	.2	ALABAMA AL	52	-6	43		
		1	.5			BALDWIN AL					
		1*	1.6	2*	3.8	BARBOUR AL		132			99
				1*	6.7	BULLOCK AL					99
1	.2	3*	1.0			CALHOUN AL	427				
1	.9					CHILTON AL					
		1	.4	1	.6	COLBERT AL		33			86
		1*	1.7			CONECUH AL					
				1*	1.3	CRENSHAW AL					95
				3*	2.6	DALLAS AL					98
2*	1.7					ESCAMBIA AL					
				1	.2	ETOWAH AL					75
				2*	2.3	FAYETTE AL					98
				1	.8	FRANKLIN AL					91
5	.3	8	.4	5	.2	JEFFERSON AL	25	-45	-31	41	75
		1	.4			LAUDERDALE AL					
1	.8					LAWRENCE AL					
				1	.6	LIMESTONE AL					86
				1	.1	MADISON AL					71
				1	.8	MARION AL					90
1	.6					MARSHALL AL					
1	.1	6*	.7	1	.1	MOBILE AL	409	-88	-37	34	70
1	.3			1	.2	MONTGOMERY AL			-38	34	74
1	.5	2	.5			MORGAN AL	4				
		1	.8			RUSSELL AL					
				1	.6	SHELBY AL					87
		1	.7			TALLAPOOSA AL					
1	.3			2	.5	TUSCALOOSA AL			36	81	83
				1	.4	WALKER AL					79
				1*	1.9	WASHINGTON AL					97
				1*	3.9	WILCOX AL					99
				1*	1.0	WINSTON AL					93
		2	.1	3	.3	ALASKA AK		91			
14	.4	31*	.5	27	.3	ARIZONA AZ	22	-37	-23		
		1	.5			COCONINO AZ					
		1	.9	1	1.1	GILA AZ		25			94
9	.4	17*	.5	16	.3	MARICOPA AZ	15	-39	-30	43	78
				2*	.7	MOHAVE AZ					88
1*	3.6			1	.8	NAVAJO AZ			-78	03	90
4	.6	5	.3	6	.4	PIMA AZ	-47	7	-43	31	80
		1	.4			PINAL AZ					
		4*	2.1	1	.4	YAVAPAI AZ		-80			82
		2	1.0			YUMA AZ					
18	.2	19	.2	19	.2	ARKANSAS AR	5	-15	-11		
				1*	1.1	ASHLEY AR					93
1*	1.8			1	1.3	BAXTER AR			-30	42	95
		1	.6	1	.4	BENTON AR		-38			80
		1	1.0			BOONE AR					
				1*	1.0	CARROLL AR					93
1*	1.5					CONWAY AR					
		1	.4	1	.4	CRAIGHEAD AR		-7			81
				1*	1.4	CROSS AR					96
		1	.2	1	.4	GARLAND AR		69			81
1*	1.0			1*	1.0	HEMPSTEAD AR			-4	65	93
1	.9					HOT SPRING AR					
				1	1.0	INDEPENDENCE AR					93
1	.6					JEFFERSON AR					
		1*	2.8			LAFAYETTE AR					
1	1.0					LAWRENCE AR					
1	1.0			1	.9	LOGAN AR			-10	59	92
				1	.9	LONOKE AR					92
1*	2.0					MADISON AR					
		1*	1.6			NEVADA AR					
1	1.3					PHILLIPS AR					
		1	.8	1	.9	POINSETT AR		9			92
				1	.5	POPE AR					84
4	.5	2	.2	2	.2	PULASKI AR	-63	-5	-65	12	72
1*	1.7	1*	1.4			ST FRANCIS AR	-17				
				1	.5	SALINE AR					85
2	.7	3*	1.0	1	.2	SEBASTIAN AR	36	-78	-70	07	74
1	.6			1	.5	UNION AR			-14	56	85
		2*	3.3			VAN BUREN AR					
1	.3	3*	1.0			WASHINGTON AR	232				
		1	.5	1	.3	WHITE AR		-28			79
272*	.5	240	.3	215	.2	CALIFORNIA CA	-31	-23	-46		
19*	.6	13	.4	15	.4	ALAMEDA CA	-36	9	-31	42	81
		1*	1.7	1*	1.5	AMADOR CA		-10			96
		2	.4	2	.5	BUTTE CA		8			83
1*	1.5					CALAVERAS CA					
				1*	1.4	COLUSA CA					96
10*	.6	6	.2	3	.1	CONTRA COSTA CA	-59	-50	-80	03	71
2	.2	6	.3	6	.4	FRESNO CA	126	7	142	95	80
2*	2.2					GLENN CA					
1	.3	1	.2	2	.4	HUMBOLDT CA	-26	105	52	83	82
		2	.4	1	.4	IMPERIAL CA		-8			81
1*	1.4					INYO CA					
7	.7	4	.3	2	.1	KERN CA	-51	-54	-78	03	72
2	.8	1	.4			KINGS CA	-56				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	.7					LAKE	CA					
1	1.0					LASSEN	CA					
96*	.4	85	.3	63	.2	LOS ANGELES	CA	-24	-27	-45	29	75
4	.8	1	.1			MARIN	CA	-85				
		1*	2.2			MARIPOSA	CA					
1	.4					MENDOCINO	CA					
		3	.8			MERCED	CA					
				1*	3.7	MONO	CA					99
6*	.9	2	.3	1	.2	MONTEREY	CA	-72	-37	-83	02	72
2	.5	1	.3			NAPA	CA	-48				
7	.4	11	.3	15	.2	ORANGE	CA	-33	-31	-54	22	74
		1*	3.2			PLUMAS	CA					
5	.5	9	.6	9	.3	RIVERSIDE	CA	29	-44	-28	44	78
5	.3	9	.4	6	.2	SACRAMENTO	CA	30	-48	-32	40	74
13*	.7	10	.4	9	.3	SAN BERNARDINO	CA	-44	-32	-62	15	76
27*	.9	28*	.5	22	.3	SAN DIEGO	CA	-41	-37	-63	14	79
21*	.5	9	.3	6	.2	SAN FRANCISCO	CA	-49	-8	-53	23	75
1	.1	4	.3	3	.2	SAN JOAQUIN	CA	153	-34	68	67	74
1	.2			3	.3	SAN LUIS OBISPO	CA			53	84	78
8	.5	4	.2	8	.3	SAN MATEO	CA	-58	56	-34	39	79
3	.5	1	.1	6	.6	SANTA BARBARA	CA	-82	476	6	71	86
6	.4	6	.2	10	.3	SANTA CLARA	CA	-44	39	-23	48	77
4*	1.0	2	.5	1	.1	SANTA CRUZ	CA	-55	-77	-89	00	71
2	.8	1	.4			SHASTA	CA	-56				
		2*	1.0			SISKIYOU	CA					
2	.5	5*	.9	2	.3	SOLANO	CA	91	-72	-46	29	76
3	.4	2	.2	3	.2	SONOMA	CA	-41	-5	-44	30	74
3	.4	2	.2	4	.4	STANISLAUS	CA	-42	83	6	71	82
		1	.6			SUTTER	CA					
2	.2	2	.2	3	.3	TULARE	CA	4	41	46	83	79
1	.1	1	.1	7	.4	VENTURA	CA	-58	638	209	98	82
1	.4					YOLO	CA					
1	.5	1	.7			YUBA	CA	58				
26	.4	13	.2	20	.2	COLORADO	CO	-56	27	-44		
		1	.4			ADAMS	CO					
1	.3	1	.3	1	.1	BOULDER	CO	4	-70	-68	08	71
				1*	1.8	CHAFFEE	CO					97
				1	.6	DELTA	CO					87
9	.4	6	.2	6	.2	DENVER-ARAPAHOE#	CO	-35	3	-32	41	75
1*	4.0					DOUGLAS	CO					
3	.6	2	.3	1	.0	EL PASO	CO	-50	-86	-93	00	70
1*	3.6					GUNNISON	CO					
2	.5	1	.1	1	.0	JEFFERSON	CO	-72	-72	-92	00	70
1	1.5					LA PLATA	CO					
				2	.5	LARIMER	CO					84
1	.8			1*	.9	LAS ANIMAS	CO			11	73	92
1*	3.4					LINCOLN	CO					
				2*	2.4	LOGAN	CO					98
		1	.4	2	.7	MESA	CO		80			88
1	.8			2*	2.1	OTERO	CO			176	96	98
4*	.7					PUEBLO	CO					
1*	5.4					TELLER	CO					
		1	.3			WELD	CO					
32	.3	42	.3	36	.3	CONNECTICUT	CT	9	-18	-11		
11	.4	13	.4	11	.3	FAIRFIELD	CT	4	-22	-19	51	78
7	.3	12	.3	12	.4	HARTFORD	CT	24	3	28	78	80
1	.2	2	.3	2	.3	LITCHFIELD	CT	80	-4	73	89	77
1	.2			1	.2	MIDDLESEX	CT			-19	51	73
11	.4	9	.3	7	.2	NEW HAVEN	CT	-29	-25	-46	27	74
		3	.3	2	.2	NEW LONDON	CT		-33			74
1	.5	1	.3			TOLLAND	CT	-38				
		2	.5	1	.3	WINDHAM	CT		-54			76
6	.4	14*	.8	8	.4	DELAWARE	DE	98	-51	-4		
		3*	1.4			KENT	DE					
5	.5	7	.5	6	.4	NEW CASTLE	DE	4	-32	-29	44	80
1	.3	4*	1.3	2	.6	SUSSEX	DE	356	-53	116	93	87
8	.4	4	.3	3	.2	DIST. OF COLUMBIA	DC	-34	-18	-46		
8	.4	4	.3	3	.2	WASHINGTON	DC	-34	-18	-46	27	75
61	.4	80	.3	102	.3	FLORIDA	FL	-22	-13	-32		
2*	1.6			1	.3	ALACHUA	FL			-81	02	77
1	.4	1	.5	2	.5	BAY	FL	34	-1	32	80	84
		1*	1.9			BRADFORD	FL					
1	.4	3	.4	1	.1	BREVARD	FL	-5	-72	-73	05	71
1	.1	8	.3	13	.2	BROWARD	FL	325	-30	199	97	75
		1	.3			CHARLOTTE	FL					
				1	.8	CLAY	FL					91
		1	.5			COLLIER	FL					
1*	1.7			1	.8	COLUMBIA	FL			-55	21	90
13	.4	13	.3	21	.3	DADE	FL	-26	21	-10	59	79
6	.5	11*	.7	4	.2	DUVAL	FL	27	-67	-58	20	75
3	.5	3	.4	5*	.6	ESCAMBIA	FL	-27	62	18	75	87
				1	1.0	HIGHLANDS	FL					93
5	.4	5	.2	4	.2	HILLSBOROUGH	FL	-33	-32	-55	22	72
				1	.6	INDIAN RIVER	FL					87
1	.8					JACKSON	FL					
		2	.8	2	.2	LAKE	FL		-72			74
1	.3	2	.4	3	.4	LEE	FL	72	-9	57	85	82
1	.3			3*	.7	LEON	FL			124	94	89
		1*	1.9			LEVY	FL					
2*	5.4			1*	2.2	MADISON	FL			-59	17	98
				1	.3	MANATEE	FL					76

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		1	.5	3	.5	MARION FL		12			85
1*	.9					MARTIN FL					
				2	.9	OKALOOSA FL					92
1*	5.5					OKEECHOBEE FL					
1	.1	1	.1	6	.4	ORANGE FL	-30	332	200	97	80
				1	.5	OSCEOLA FL					84
1	.1	2	.2	5	.1	PALM BEACH FL	55	-41	-9	61	71
2*	1.1	1	.3	2	.5	PASCO FL	-69	55	-52	23	84
7	.5	11	.5	10	.2	PINELLAS FL	4	-50	-49	25	75
4	.7	5	.5	3	.2	POLK FL	-25	-53	-65	11	76
		1	.9			PUTNAM FL					
1	1.0	1	.7			ST JOHNS FL	-30				
				3*	.6	ST LUCIE FL					87
		1	.7			SANTA ROSA FL					
1	.6	2	.4	1	.2	SARASOTA FL	-32	-47	-64	12	75
1	.7					SEMINOLE FL					
				1*	1.1	SUMTER FL					94
2	.5	2	.1			VOLUSIA FL	-75				
1*	1.9					WASHINGTON FL					
32	.3	36	.3	38	.2	GEORGIA GA	-3	-15	-18		
1	1.2					BARTOW GA					
1*	1.4					BERRIEN GA					
2	.5			1	.4	BIBB GA			-35	38	79
		1	1.2			BULLOCH GA					
		1	.7			CARROLL GA					
				1	.7	CATOOSA GA					89
3	.8	2	.2			CHATHAM GA	-71				
		1	.8			CHEROKEE GA					
1	.5			1	.2	CLAYTON GA			-52	23	76
				3	.3	COBB GA					77
1	1.1					COLQUITT GA					
		1*	3.3			COLUMBIA GA					
		1*	2.2			COOK GA					
				1*	1.5	DECATUR GA					96
3	.4	4	.4	4	.3	DE KALB GA	-19	-23	-38	34	77
1	.7			1	.7	DOUGHERTY GA			2	69	89
		2*	3.2			DOUGLAS GA					
		1*	1.4	1*	1.1	FANNIN GA		-23			93
		1	.3	2	.8	FLOYD GA		140			90
				1*	1.7	FRANKLIN GA					97
5	.4	3	.2	7	.4	FULTON GA	-43	82	4	71	80
1	.7			1	.6	GLYNN GA			-19	51	86
				1	.6	GORDON GA					87
2*	1.2	1	.7			GWINNETT GA	-39				
1	.3					HALL GA					
1*	6.8					HANCOCK GA					
		1	2.6			HOUSTON GA					
				1*	2.6	JEFF DAVIS GA					98
1*	3.7					JOHNSON GA					
		1	1.4			LAURENS GA					
1*	11.3	1*	8.4			LONG GA	-26				
		1	1.1	1	.5	LOWNDES GA		-48			86
		1*	2.5			LUMPKIN GA					
				1*	5.4	MC DUFFIE GA					99
		1*	5.9			MC INTOSH GA					
		1*	4.3			MACON GA					
1*	2.5					MADISON GA					
1	.4			2	.4	MUSCOGEE#GA			-17	52	80
				1	1.0	NEWTON GA					93
		1*	2.6			PIERCE GA					
		1	.8	1	.8	POLK GA		-7			90
		1*	3.6			PULASKI GA					
2	.5	1	.3			RICHMOND GA	-40				
		1*	7.0			STEWART GA					
1*	2.0					SUMTER GA					
				1*	2.5	TELFAIR GA					98
1	.9	1	1.0			THOMAS GA	5				
		1*	1.1	1*	1.0	TIFT GA		-9			93
		1	.8	1	.7	TROUP GA		-11			89
		1*	1.2			WAYNE GA					
1*	3.6					WHITE GA					
		1	.6	2*	.9	WHITFIELD GA		59			92
				1*	2.8	WILKES GA					99
		3	.5	5	.6	HAWAII HI		5			
		1*	1.3			HAWAII HI					
		2	.6	4	.7	HONOLULU HI		4			88
				1*	1.0	MAUI#HI					93
8	.3	12	.4	6	.2	IDAHO ID	36	-57	-41		
		4*	.9	1	.2	ADA ID		-82			72
1	.7	2	.9			BANNOCK ID	23				
1	1.2					BINGHAM ID					
		1*	1.3			CASSIA ID					
1*	7.4					CUSTER ID					
		1	.7	1	.5	KOOTENAI ID		-21			86
2*	2.2	2*	2.2			LATAH ID	0				
				1*	3.6	LEMHI ID					99
		1*	1.4			MINIDOKA ID					
1	.6			1	.8	NEZ PERCE ID			39	82	91
				1*	.8	SHOSHONE ID					91
2	1.2			1	.4	TWIN FALLS ID			-66	09	81
		1*	1.9			WASHINGTON ID					
142	.3	148	.3	132	.3	ILLINOIS IL	0	-9	-8		
2	.6	1	.3			ADAMS IL	-50				

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1*	1.6			ALEXANDER IL					
3*	1.6			1	.6	BUREAU IL			-64	13	86
		1*	2.2			CALHOUN IL					
1	.9	1	.9	1	1.2	CARROLL IL	7	28	36	81	94
		1*	1.4			CASS IL					
1	.3	1	.2	1	.2	CHAMPAIGN IL	-35	17	-24	47	74
		1	.7			CLINTON IL					
				1	.5	COLES IL					83
74	.3	82	.4	63	.3	COOK IL	13	-12	0	66	79
1	.4			1	.4	DE KALB IL			-12	58	80
1	1.0					DOUGLAS IL					
2	.3	2	.1	6	.3	DU PAGE IL	-70	241	2	67	77
1	.7					EDGAR IL					
				1	.8	EFFINGHAM IL					90
		1	1.1			FORD IL					
				2*	.9	FRANKLIN IL					92
		1	.4			FULTON IL					
		1	1.3			GREENE IL					
1	.8	1	.7			HANCOCK IL	-15				
				2	.7	HENRY IL					89
1	.6					IROQUOIS IL					
2*	1.1					JACKSON IL					
				1	.6	JEFFERSON IL					87
3	.3	1	.1	3	.3	KANE IL	-68	176	-12	58	76
2	.4	2	.4	1	.2	KANKAKEE IL	-4	-40	-42	32	76
		2	.6	2	.6	KNOX IL		10			87
8*	.8	8	.5	7	.4	LAKE IL	-38	-15	-47	26	82
1	.2	1	.2	2	.4	LA SALLE IL	-3	148	140	95	82
1	.5					LEE IL					
1	.5					LIVINGSTON IL					
1	.2	2	.4	4*	.7	MC HENRY IL	144	75	327	99	90
5*	1.4	3	.8			MC LEAN IL	-45				
		1	.2	2	.4	MACON IL		95			79
		1	.4			MACOUPIN IL					
4	.4	2	.2	2	.2	MADISON IL	-52	-14	-58	18	73
				1*	1.4	MARSHALL IL					95
1	1.1					MASON IL					
		1*	1.2			MASSAC IL					
1	.4					MONTGOMERY IL					
		1*	.7	2*	2.8	MOULTRIE IL		284			99
		1	.5			OGLE IL					
2	.2	7*	.8	1	.1	PEORIA IL	224	-87	-56	20	71
				1	.9	PERRY IL					91
1*	1.4					PIATT IL					
1	1.4			2*	1.7	PIKE IL			22	76	97
5	.7	1	.1	1	.1	ROCK ISLAND IL	-80	-25	-85	01	71
3	.3	2	.2	2	.2	ST CLAIR IL	-42	7	-38	34	73
		1	.7	1	1.0	SALINE IL		43			93
2	.3	1	.1	2	.3	SANGAMON IL	-51	99	-2	66	77
1	.6					SHELBY IL					
1	.4	1	.4	1	.4	STEPHENSON IL	-1	-7	-8	62	82
2	.4	1	.2			TAZEWELL IL	-51				
1	.9			1	.9	UNION IL			-7	62	91
1	.2	2	.4	2	.4	VERMILION IL	93	1	95	91	82
				1*	1.4	WABASH IL					96
				1	.8	WHITE IL					90
				2	.8	WHITESIDE IL					90
1	.1	2	.2	6*	.5	WILL IL	47	172	301	98	85
1	.3					WILLIAMSON IL					
2	.3	8*	.9	2	.2	WINNEBAGO IL	208	-76	-26	46	74
		1	.9			WOODFORD IL					
53	.3	60	.3	49	.2	INDIANA IN	5	-21	-17		
2	.2	5	.4	1	.1	ALLEN IN	115	-76	-49	24	71
		1	.3			BARTHOLOMEW IN					
		1*	1.3			BLACKFORD IN					
1	.6					BOONE IN					
		1	1.2			CARROLL IN					
1	.4	1	.5	1	.5	CASS IN	17	-4	12	73	84
		2*	1.6	1	.7	CLAY IN		-38			88
		1	.7			CLINTON IN					
				1	.7	DEARBORN IN					89
		1	.7			DE KALB IN					
2	.5	3	.7	2	.4	DELAWARE IN	53	-46	-18	51	80
1	.8			1	.7	DUBOIS IN			-11	59	89
2	.4	3	.6	1	.2	ELKHART IN	38	-70	-59	17	73
				1	.9	FAYETTE IN					92
		1	.3			FLOYD IN					
		2*	2.2			FOUNTAIN IN					
1	.4	2	.5	1	.3	GRANT IN	42	-45	-21	49	77
		1	.8	2*	1.2	GREENE IN		53			95
		1	.8	1	.6	HANCOCK IN		-26			86
1	.4	1	.4	1	.4	HENRY IN	1	-8	-8	62	81
		1	.2	1	.3	HOWARD IN		37			76
		1	.6			HUNTINGTON IN					
1	.7			1	.7	JACKSON IN			-10	60	88
		1	.8			JEFFERSON IN					
1	.4			2	.7	JOHNSON IN			102	91	90
1	.5	1	.4			KOSCIUSKO IN	-6				
		1	1.2			LAGRANGE IN					
6	.3	5	.2	3	.1	LAKE IN	-26	-42	-58	19	72
1	.2			1	.2	LA PORTE IN			6	71	76
				1	.5	LAWRENCE IN					85
		1	.2	1	.2	MADISON IN		2			72
12	.5	5	.2	6	.2	MARION IN	-71	37	-60	16	74
		1	.6			MARSHALL IN					
		1*	2.4			MARTIN IN					
		1	.6			MIAMI IN					
2	1.0	1	.5	4*	1.3	MONROE IN	-55	182	26	77	95
				1	.4	MORGAN IN					82

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WHITE MALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1	.7			NOBLE IN					
1*	1.3					PIKE IN					
1	.8	1	.8	1	.7	PUTNAM IN	-6	-11	-17	53	89
1	.6			2*	1.4	RANDOLPH IN			117	93	96
4	.4	3	.3	2	.2	ST JOSEPH IN	-18	-26	-39	33	75
		1	1.2			SPENCER IN					
1	.9					STARKE IN					
2*	2.1					STEUBEN IN					
		1	.3	1	.2	TIPPECANOE IN		-4			75
3	.4	1	.1	3	.4	VANDERBURGH IN	-64	249	27	78	83
1	.9					VERMILLION IN					
1	.2	3	.6	2	.4	VIGO IN	161	-37	64	86	80
				2*	1.2	WARRICK IN					95
1	.3	1	.2			WAYNE IN	-23				
1	1.1			1	.8	WHITE IN			-33	40	90
1	1.0	1	.9			WHITLEY IN	-4				
35	.2	34	.2	37	.3	IOWA IA	-3	12	9		
1	1.1					ALLAMAKEE IA					
1	.8					BENTON IA					
1	.1	4	.7	4*	.8	BLACK HAWK IA	449	12	512	99	90
2*	1.7					BREMER IA					
1	.8					BUCHANAN IA					
		1	.9			CALHOUN IA					
				1	.9	CARROLL IA					92
2	.9	1	.4	1	.5	CERRO GORDO IA	-57	25	-46	28	84
1	.9			1	.7	CLAYTON IA			-23	48	88
1	.4	1	.4			CLINTON IA	3				
		1	.7			DALLAS IA					
1*	2.3					DAVIS IA					
		1	1.0			DELAWARE IA					
1	.4			1	.4	DES MOINES IA			1	67	83
1	.3	4*	1.1	1	.3	DUBUQUE IA	269	-75	-9	60	77
		1*	1.1	1*	1.6	EMMET IA		52			97
				2*	1.3	FAYETTE IA					95
				1	.8	FLOYD IA					91
				1*	1.4	FREMONT IA					96
1	1.0			1*	1.3	GREENE IA			34	80	95
1	1.3					HANCOCK IA					
1	.8	1	.8			HARRISON IA	1				
				1*	1.4	HUMBOLDT IA					95
				1*	2.1	IDA IA					98
1	1.4					JACKSON IA					
		2*	1.1	1	.6	JASPER IA		-48			86
1	1.0					JEFFERSON IA					
		1	1.0	1	.8	JONES IA		-12			91
1	.8			1	1.1	KOSSUTH IA			31	79	94
2	.8			1	.6	LEE IA			-32	41	86
2	.4	3	.5	1	.1	LINN IA	17	-71	-66	10	71
				1*	1.1	LYON IA					94
				1	.7	MARION IA					89
		2	1.0	2*	1.1	MARSHALL IA		18			94
3*	4.0					MILLS IA					
1	1.2					MONONA IA					
1	.6					PAGE IA					
		1	.8			PLYMOUTH IA					
2	.2	3	.3	5	.4	POLK IA	65	43	137	95	80
1	.2	1	.3	2	.5	POTTAWATTAMIE IA	6	95	110	92	84
				1*	1.0	POWESHIEK IA					93
1	.2	2	.3			SCOTT IA	84				
				1	.2	STORY IA					76
1*	1.4					TAYLOR IA					
		1*	1.3			UNION IA					
		1	.4	2*	1.1	WAPELLO IA		172			94
2	.9					WEBSTER IA					
		1	.2			WOODBURY IA					
		1	.8			WRIGHT IA					
29	.3	37	.4	25	.2	KANSAS KS	22	-32	-17		
1	1.0	3*	3.5	1*	1.4	ALLEN KS	245	-61	36	81	96
		1*	2.6			ANDERSON KS					
				1	.6	BARTON KS					86
1	.6	2*	1.1	1	.5	BUTLER KS	95	-52	-7	63	85
		1*	4.8			COMANCHE KS					
2*	1.1					COWLEY KS					
		1	.6			CRAWFORD KS					
		1	.6			DICKINSON KS					
				1*	2.7	DONIPHAN KS					99
				1	.5	DOUGLAS KS					85
		1*	3.0			ELK KS					
				1	.8	ELLIS KS					90
1	.9					FORD KS					
				1	1.1	FRANKLIN KS					93
		1	1.2			GEARY KS					
		1*	8.2			HAMILTON KS					
		1	.9	1	.7	HARVEY KS		-25			88
1*	1.7					JEWELL KS					
2	.3	2	.2	3	.2	JOHNSON KS	-42	37	-21	50	76
				1	.8	LABETTE KS					91
		1	.3			LEAVENWORTH KS					
				1*	5.4	LOGAN KS					99
		1	.9			LYON KS					
1	.9					MC PHERSON KS					
1	1.0					MARION KS					
1	1.0			1	.8	MIAMI KS			-15	55	91
				1	.6	MONTGOMERY KS					87
1	.9					NEOSHO KS					
		1*	1.8			NORTON KS					
1*	1.3					PAWNEE KS					

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		1*	1.9			PRATT KS					
1	.4					RENO KS					
1	1.0					RILEY KS					
				1*	1.8	ROOKS KS					97
				1	.5	SALINE KS					83
7	.7	9*	.7	4	.3	SEDGWICK KS	13	-63	-59	18	77
				1*	1.4	SEWARD KS					96
2	.4	4	.7			SHAWNEE KS	77				
		1*	1.7			SMITH KS					
		2*	1.6			SUMNER KS					
		1*	2.6			THOMAS KS					
5*	.7	1	.2	3	.5	WYANDOTTE KS	-75	184	-30	43	84
28	.2	42	.3	45	.3	KENTUCKY KY	41	-4	35		
				1*	2.4	BATH KY					98
1	.7	1	.7			BELL KY	-4				
				1	.4	BOONE KY					82
		1*	1.3	1*	1.3	BOURBON KY		-2			95
3*	1.3			3*	1.2	BOYD KY			-14	56	94
		2*	3.2	1*	1.0	BRECKINRIDGE KY		-70			93
				1	.7	CALLOWAY KY					90
2	.5	3	.7	1	.2	CAMPBELL KY	38	-66	-53	23	76
1*	2.9					CARLISLE KY					
		1	1.0	1	.8	CARTER KY		-15			91
				1*	1.4	CASEY KY					95
				1	.6	CHRISTIAN KY					87
1	.9	1	1.0			CLARK KY	4				
		1*	2.4			CLINTON KY					
				1*	1.6	CRITTENDEN KY					97
				1*	3.4	CUMBERLAND KY					99
				2	.5	DAVIESS KY					85
		3	.5			FAYETTE KY					
1	.5	1	.6	1	.6	FLOYD KY	20	-9	9	72	86
				1	.6	FRANKLIN KY					87
		1*	1.8			GRANT KY					
				1	.5	GRAVES KY					83
				1	1.0	GRAYSON KY					92
1	.9					GREENUP KY					
1	.3			3*	.8	HARDIN KY			203	97	91
2	.6	1	.5	1	.5	HARLAN KY	-12	-6	-18	52	84
1*	1.3					HARRISON KY					
		1	.7			HENDERSON KY					
		3*	1.7	1	.5	HOPKINS KY		-73			83
				1*	1.3	JACKSON KY					95
7	.4	11	.5	7	.3	JEFFERSON KY	17	-43	-34	40	76
1	.2					KENTON KY					
		1*	1.8			KNOTT KY					
		1*	2.3			LESLIE KY					
		2*	1.7			LETCHER KY					
				1*	1.6	LIVINGSTON KY					96
				2*	1.7	LOGAN KY					97
		1	.4	1	.4	MC CRACKEN KY		-16			80
				1*	1.4	MC CREARY KY					96
1	1.3					MARSHALL KY					
1	1.0					MASON KY					
1*	2.3					MONROE KY					
		1*	2.7			MORGAN KY					
				1	.6	MUHLENBERG KY					87
		2*	2.3	1	1.0	NELSON KY		-56			93
		1	.9			OHIO KY					
		1	.7			PERRY KY					
				2	.6	PIKE KY					86
1	.6	1	.7	1	.5	PULASKI KY	9	-32	-26	46	83
1*	1.3					SCOTT KY					
1*	2.4					TODD KY					
				1*	1.5	UNION KY					96
				1	.4	WARREN KY					80
21	.2	29	.3	31	.2	LOUISIANA LA	24	-10	12		
1	.7	1	.5			ACADIA LA	-28				
1*	2.1					BIENVILLE LA					
		1	.6			BOSSIER LA					
1	.2	4	.6	4	.5	CADDO LA	203	-10	173	96	85
1	.1	1	.3	1	.2	CALCASIEU LA	126	-32	54	84	74
		1*	2.3			CAMERON LA					
				1*	2.3	CLAIBORNE LA					98
				1*	1.8	DE SOTO LA					97
		3	.5	3	.3	EAST BATON ROUGE LA		-44			76
1*	5.5					EAST CARROLL LA					
		1*	1.5			EAST FELICIANA LA					
		1	.4	1	.5	IBERIA LA		32			85
		1*	1.3			JACKSON LA					
1	.4	2	.2	2	.1	JEFFERSON LA	-59	-31	-71	06	71
		1	.8			LAFOURCHE LA					
				1*	3.9	MADISON LA					99
				1	.9	MOREHOUSE LA					92
8	.4	5	.3	5	.3	ORLEANS LA	-37	15	-28	45	78
1	.3	1	.2			OUACHITA LA	-10				
1	.3			1	.3	RAPIDES LA			1	67	77
				1*	1.4	RICHLAND LA					96
		1	.4	1	.4	ST BERNARD LA		-7			80
				1	.7	ST CHARLES LA					88
				1*	1.5	ST JAMES LA					96
1*	2.1			1*	1.5	ST JOHN THE BAPT LA			-30	42	96
		1	.4			ST LANDRY LA					
				1	.7	ST MARY LA					88
		2*	1.6	1	.2	ST TAMMANY LA		-85			76
1	.5					TANGIPAHOA LA					
		1	.5			TERREBONNE LA					

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1	.6			1	.5	VERMILION LA			-17	53	84
				1	.8	VERNON LA					91
1	.9					WASHINGTON LA					
1	.8			1	.7	WEBSTER LA			-15	55	88
		1*	1.7			WEST CARROLL LA					
8	.2	12	.3	7	.1	MAINE ME	45	-51	-29		
		2	.5			AROOSTOOK ME					
1	.1	1	.1	1	.1	CUMBERLAND ME	-10	-17	-26	45	71
2*	1.4	1	.6	2*	.8	HANCOCK ME	-57	32	-44	30	90
2	.5	2	.5	1	.2	KENNEBEC ME	-8	-60	-63	13	73
1	.2			1	.2	PENOBSCOT ME			-12	57	73
		2	1.0	1	.4	SOMERSET ME		-61			81
1	.5	2*	1.0			WASHINGTON ME	123				
1	.2	2	.4	1	.2	YORK ME	102	-59	-17	53	72
38	.4	25	.2	28	.2	MARYLAND MD	-56	3	-54		
		1	.2	1	.2	ALLEGANY MD		5			75
1	.2	2	.2	2	.1	ANNE ARUNDEL MD	0	-4	-5	64	72
4	.3	1	.0	4	.1	BALTIMORE MD	-86	219	-55	21	71
		1*	1.9			CALVERT MD					
				1*	1.4	CAROLINE MD					95
				1	.2	CARROLL MD					76
		1	1.2			DORCHESTER MD					
1	.6					FREDERICK MD					
1	.4			2	.3	HARFORD MD			-11	59	78
1	1.0	1	.6			HOWARD MD	-37				
1	.1	5	.2	4	.2	MONTGOMERY MD	77	-20	43	82	72
3	.2	5	.3	6	.4	PRINCE GEORGE'S MD	43	27	81	90	81
3*	4.2					ST MARY'S MD					
		2	.5	1	.3	WASHINGTON MD		-45			76
				1	.5	WICOMICO MD					83
23*	.7	6	.2	5	.2	BALTIMORE CITY MD	-75	22	-69	08	74
77	.3	66	.3	52	.2	MASSACHUSETTS MA	-18	-22	-36		
1	.3	1	.3			BARNSTABLE MA	-6				
3	.4	5*	.7	1	.2	BERKSHIRE MA	55	-76	-63	14	72
5	.3	6	.3	2	.1	BRISTOL MA	30	-73	-64	13	71
18*	.6	6	.2	7	.2	ESSEX MA	-69	13	-65	11	75
		2	.7			FRANKLIN MA					
6	.3	4	.2	7	.3	HAMPDEN MA	-42	78	3	70	79
				1	.2	HAMPSHIRE MA					73
17	.3	14	.2	11	.2	MIDDLESEX MA	-27	-17	-39	33	73
5	.2	7	.3	4	.1	NORFOLK MA	15	-48	-40	32	72
4	.4	5	.5	6	.3	PLYMOUTH MA	18	-27	-14	56	79
8	.2	8	.2	4	.2	SUFFOLK MA	7	-32	-27	45	72
10	.3	8	.3	9	.3	WORCESTER MA	-23	18	-9	60	77
90	.3	95	.3	74	.2	MICHIGAN MI	0	-26	-26		
1	.4			2	.7	ALLEGAN MI			63	86	88
1*	1.5					ARENAC MI					
		3*	1.9	1	.5	BARRY MI		-72			85
1	.2					BAY MI					
		1*	2.3			BENZIE MI					
3	.5	1	.2	2	.3	BERRIEN MI	-67	75	-42	31	77
		1	.6	2*	1.0	BRANCH MI		68			93
3	.5	4	.8	1	.2	CALHOUN MI	46	-60	-71	06	72
				1	.6	CASS MI					86
				1*	.9	CHEBOYGAN MI					92
		2*	1.5			CHIPPEWA MI					
		1*	1.8			CLARE MI					
		1	.6	1	.7	CLINTON MI		10			88
		1	.6			DELTA MI					
1	1.1			1	.6	DICKINSON MI			-49	25	86
				1	.4	EATON MI					82
1	.1	6	.4	2	.1	GENESEE MI	366	-64	68	88	72
		1	.5			GRAND TRAVERSE MI					
		1	.6			GRATIOT MI					
		1	.5			HOUGHTON MI					
1	.1	2	.2	1	.1	INGHAM MI	49	-17	24	76	72
		1	.5			IONIA MI					
				1	.7	IOSCO MI					88
		1	1.0			IRON MI					
1	.8					ISABELLA MI					
1	.1	4	.7	1	.2	JACKSON MI	369	-77	8	72	72
2	.3	1	.1	2	.2	KALAMAZOO MI	-60	28	-49	24	72
5	.4	1	.1	6	.4	KENT MI	-86	615	-2	66	80
1*	4.5					LAKE MI					
		1	.5			LAPEER MI					
3*	1.0					LENAWEE MI					
1	.5			2	.4	LIVINGSTON MI			-24	47	81
4	.3	6	.3	5	.2	MACOMB MI	0	-40	-40	32	73
2	.8					MARQUETTE MI					
				1	.7	MENOMINEE MI					88
2*	1.2	1	.2			MIDLAND MI	-82				
1*	2.4					MISSAUKEE MI					
				1	.2	MONROE MI					75
1	.7			2*	.9	MONTCALM MI			36	81	92
6*	.9	4	.7	1	.1	MUSKEGON MI	-27	-79	-85	01	71
		1	.7			NEWAYGO MI					
8	.4	8	.2	12	.3	OAKLAND MI	-30	23	-13	57	78
1*	1.4	1*	1.7			ONTONAGON MI	20				
1	.1	3	.7	1	.2	OTTAWA MI	426	-76	28	79	73
1	.1	2	.3	2	.2	SAGINAW MI	129	-26	70	69	74
		3	.6	1	.2	ST CLAIR MI		-70			72
2	1.0	1	.5	1	.4	ST JOSEPH MI	-51	-15	-58	19	82
1	.3					SHIAWASSEE MI					

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		1	.1			WASHTENAW MI					
34	.3	29	.3	19	.2	WAYNE MI	-5	-21	-25	46	75
31	.2	51	.3	56	.3	MINNESOTA MN	56	4	63		
		1*	1.8	1*	1.7	BIG STONE MN		-6			97
		1	.5	1	.5	BLUE EARTH MN		-2			84
				1	.7	BROWN MN					89
		1	1.3			CHIPPEWA MN					
		1	.8	1	1.1	CHISAGO MN		30			94
				1	.5	CLAY MN					84
				1*	1.9	CLEARWATER MN					97
1	.3			1	.1	DAKOTA MN			-59	17	71
		1	.6			DOUGLAS MN					
1	.8					FARIBAULT MN					
1	.6			1	1.0	FILLMORE MN			60	86	93
		2*	1.1	1	.5	FREEBORN MN		-58			84
7	.2	12	.3	16	.4	HENNEPIN MN	51	39	110	93	82
1*	1.4					HUBBARD MN					
				1*	.9	ISANTI MN					92
		2*	.9			ITASCA MN					
				1*	1.0	JACKSON MN					93
		1*	2.1			KITTSON MN					
				1*	1.3	KOOCHICHING MN					95
		1	.9			LYON MN					
				1	.6	MC LEOD MN					86
1*	2.8					MAHNOMEN MN					
2*	1.3					MARTIN MN					
				2*	2.0	MEEKER MN					98
				1	.6	MORRISON MN					87
		1	.5	1	.4	MOWER MN		-17			82
1*	1.3					MURRAY MN					
				2*	1.7	NICOLLET MN					97
				1	1.2	NOBLES MN					94
		1	.4			OLMSTED MN					
1	.5	2	.7			OTTER TAIL MN	32				
1*	1.4					PENNINGTON MN					
				1	.7	PINE MN					89
1	.5	1	.6	1	.5	POLK MN	18	-6	11	72	85
3	.2	12*	.6	5	.3	RAMSEY MN	309	-58	73	89	76
1	.6					RICE MN					
				1*	2.0	ROCK MN					98
		1*	1.3			ROSEAU MN					
4	.3	2	.2	2	.2	ST LOUIS MN	-51	15	-43	31	73
				1	.9	SCOTT MN					92
1*	1.7	1*	1.4	1	.9	SHEPBURNE MN	-16	-37	-47	25	92
		1	.9			SIBLEY MN					
1	.3	1	.3	2	.4	STEARNS MN	0	58	58	86	82
1	.9			1	.7	STEELE MN			-20	50	89
		1*	2.8			TRAVERSE MN					
		1	1.0			WASECA MN					
		3*	1.5	2	.4	WASHINGTON MN		-71			82
1*	1.9					WILKIN MN					
				2*	.8	WINONA MN					91
				1	.4	WRIGHT MN					82
1	.9					YELLOW MEDICINE MN					
15	.3	9	.1	12	.2	MISSISSIPPI MS	-45	21	-34		
				1*	1.9	AMITE MS					97
2*	2.5	1	1.3			BOLIVAR MS	-48				
1*	1.4					COAHOMA MS					
		1	.5			FORREST MS					
1*	2.0					HANCOCK MS					
1	.2	2	.4			HARRISON MS	197				
4*	1.0			1	.2	HINDS MS			-84	02	72
1	.9			1	.2	JACKSON MS			-76	04	74
1	.4			1	.5	JONES MS			34	60	84
				1	.5	LEE MS					85
		1	1.6			LEFLORE MS					
				1	.9	LINCOLN MS					91
1*	2.1	1*	1.9	1*	1.5	MADISON MS	-11	-21	-29	44	96
		1*	1.3			MARION MS					
				1*	1.5	PANOLA MS					96
		1	1.1			PIKE MS					
				1	1.1	PRENTISS MS					94
1*	1.6					SMITH MS					
				1*	1.7	TIPPAH MS					97
		1	1.3			UNION MS					
1	.9					WARREN MS					
				1	.7	WASHINGTON MS					88
1*	4.7					WILKINSON MS					
				1*	1.6	YAZOO MS					96
67	.3	51	.2	53	.2	MISSOURI MO	-27	-1	-28		
				1*	1.2	ANDREW MO					95
1	1.1	1	1.4			BATES MO	32				
1	.4			1	.1	BOONE MO			-70	07	71
3	.6			3*	.7	BUCHANAN MO			17	74	89
		1	.5			BUTLER MO					
		1*	1.2			CALDWELL MO					
1	.5	1	.5	1	.4	CAPE GIRARDEAU MO	-1	-19	-20	50	81
2*	2.4					CARROLL MO					
1	.2	2	.5	2	.3	CLAY MO	151	-38	56	85	78
2*	1.0			1	.6	COLE MO			-46	29	86
1	1.4			1*	.8	COOPER MO			-42	32	91
1*	2.4					DALLAS MO					
				1	.5	DUNKLIN MO					85
1	.5					FRANKLIN MO					
1*	2.7					GENTRY MO					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
3	.6	4	.6			GREENE MO	10				
		1*	2.3			HOWARD MO					
		1	.7	4*	2.6	HOWELL MO		261			98
16*	.6	8	.3	6	.2	JACKSON MO	-49	-27	-63	13	75
2	.4	1	.2	2	.6	JASPER MO	-45	137	31	79	86
1	.3	1	.4	1	.1	JEFFERSON MO	15	-66	-61	16	71
1	.7					JOHNSON MO					
		1*	3.8			KNOX MO					
				1	.6	LACLEDE MO					87
		1	.7			LAFAYETTE MO					
		1	1.0			LINCOLN MO					
1	1.4			1*	.9	LINN MO			-36	37	92
1	1.1			1*	.8	LIVINGSTON MO			-25	46	91
				1*	1.8	MC DONALD MO					97
		1	.6			MACON MO					
1*	1.9					MADISON MO					
		1	.7			MARION MO					
		1*	3.6			MERCER MO					
				1*	1.2	MISSISSIPPI MO					94
				1*	2.2	MORGAN MO					98
1	.5					NEW MADRID MO					
1	.7					NEWTON MO					
		1	.8	2*	2.0	NODAWAY MO		132			97
1*	1.6					OSAGE MO					
1	1.3	1*	1.5			PERRY MO	14				
				1	.7	PHELPS MO					88
				1	.7	PLATTE MO					88
1*	1.8					PUTNAM MO					
		1*	2.0			RALLS MO					
1	.5	1	.8			RANDOLPH MO	64				
		1	.6			ST CHARLES MO					
1*	1.9	1*	1.1	1*	1.3	ST CLAIR MO	-41	15	-32	41	95
5	.2	7	.2	12	.3	ST LOUIS COUNTY MO	6	68	77	90	78
1*	2.4					SHELBY MO					
				1	.6	STODDARD MO					86
1*	2.0					STONE MO					
				1*	1.1	WASHINGTON MO					94
		2*	2.1	1*	1.3	WEBSTER MO		-38			95
		1	.9			WRIGHT MO					
12	.4	7	.2	3	.2	ST LOUIS CITY MO	-34	-22	-49	25	73
9	.3	9	.3	13	.4	MONTANA MT	-14	43	24		
1*	1.7					CARBON MT					
2	.8	1	.3	2	.5	CASCADE MT	-62	85	-29	44	85
1	1.4	1	.9			DEER LODGE MT	-32				
1	2.1					FERGUS MT					
				1	.5	FLATHEAD MT					84
		1	.8			GALLATIN MT					
				1*	8.0	GARFIELD MT					99
2*	2.9					HILL MT					
				1	.5	LEWIS AND CLARK MT					85
				1	.4	MISSOULA MT					81
		1*	1.5			PARK#MT					
				1*	29.8	PETROLEUM MT					99
1*	6.0					POWDER RIVER MT					
				1*	1.5	ROOSEVELT MT					96
				1*	3.3	ROSEBUD MT					99
		2	.9	1	.4	SILVER BOW MT		-57			81
		2*	3.5	1*	1.8	VALLEY MT		-47			97
1	.3	1	.2	2	.5	YELLOWSTONE MT	-40	180	69	88	85
21	.3	36*	.5	19	.3	NEBRASKA NB	67	-46	-11		
				3*	1.8	ADAMS NB					97
		1*	1.5			BOONE NB					
1*	1.6					BOX BUTTE NB					
		1*	4.3			BOYD NB					
		1*	4.6			BROWN NB					
		3*	4.9	1*	1.1	BURT NB		-77			94
1	1.1	1	1.2			CASS NB	4				
		1*	1.8			CUMING NB					
		1*	1.7			DAKOTA NB					
		2*	2.0			DAWSON NB					
		1	.6			DODGE NB					
10*	.6	11*	.7	6	.4	DOUGLAS NB	15	-47	-39	33	80
1*	5.7					GOSPER NB					
1	.5			1	.5	HALL NB			2	68	84
		1*	1.2			HOLT NB					
		1*	2.2	1*	2.3	KEARNEY NB		2			98
2	.3	4	.6	3	.4	LANCASTER NB	84	-31	27	78	82
2*	1.6	1	.7			LINCOLN NB	-56				
		1	.8			MADISON NB					
				1*	3.1	MORRILL NB					99
				1*	2.8	NANCE NB					99
1*	2.3					NEMAHA NB					
		1	1.3			OTOE NB					
1	1.3					PLATTE NB					
		1*	2.3			POLK NB					
1	.9					SARPY NB					
				1*	1.0	SEWARD NB					93
		1*	1.3			THAYER NB					
		1*	1.8	1*	2.7	WAYNE NB		54			99
		1*	2.5			WEBSTER NB					
2	.2	6	.3	6	.2	NEVADA NV	97	-30	37		
1	.1	3	.3	4	.3	CLARK NV	110	-10	89	90	77
				1*	2.6	MINERAL NV					98
		3	.6	1	.1	WASHOE NV		-79			71
1*	2.1					WHITE PINE NV					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE RATES 70S/50S	1970S
6	.2	7	.2	12	.3	NEW HAMPSHIPE	NH	6	40	49		
		1	.5	1	.5	COOS	NH		-2			84
1	.4	1	.4			GRAFTON	NH	-9				
4	.5	2	.2	2	.2	HILLSBOROUGH	NH	-54	-19	-62	15	73
1	.3			2	.5	MERRIMACK	NH			69	88	84
		2	.4	4	.5	ROCKINGHAM	NH		31			83
				2	.6	STRAFFORD	NH					86
		1	.6	1	.7	SULLIVAN	NH		7			89
86	.3	100	.3	93	.3	NEW JERSEY	NJ	2	-14	-12		
		3	.4	2	.2	ATLANTIC	NJ		-42			75
7	.2	13	.3	17	.4	BERGEN	NJ	34	24	66	87	81
2	.3	2	.2	3	.3	BURLINGTON	NJ	-30	52	-8	61	77
7	.4	5	.3	3	.1	CAMDEN	NJ	-31	-46	-62	15	72
1	.5	2	.6	1	.2	CAPE MAY	NJ	22	-75	-70	07	72
1	.2	1	.2	2	.4	CUMBERLAND	NJ	-21	110	66	87	81
22*	.5	20*	.5	9	.3	ESSEX	NJ	-3	-46	-47	26	77
2	.4			5*	.7	GLOUCESTER	NJ			68	87	88
12	.4	4	.1	12*	.5	HUDSON	NJ	-66	250	17	74	83
				1	.2	HUNTERDON	NJ					76
2	.2	2	.2	5	.4	MERCER	NJ	-8	117	98	91	80
5	.3	7	.3	6	.2	MIDDLESEX	NJ	12	-27	-18	52	76
1	.1	4	.2	8	.4	MONMOUTH	NJ	235	62	440	99	81
7*	.7	11*	.9	3	.2	MORRIS	NJ	24	-81	-76	04	72
1	.2	2	.2	2	.1	OCEAN	NJ	0	-56	-56	37	72
2	.1	7	.3	6	.3	PASSAIC	NJ	220	-11	185	97	78
1	.4	1	.4			SALEM	NJ	-7				
4	.6	3	.4	1	.1	SOMERSET	NJ	-35	-71	-82	02	71
		2	.6	2	.6	SUSSEX	NJ		-6			87
8	.4	9	.4	5	.2	UNION	NJ	-6	-43	-46	28	75
1	.3	2	.6			WARREN	NJ	104				
8	.3	16	.5	10	.3	NEW MEXICO	NM	77	-41	5		
4	.4	4	.4	6	.6	BERNALILLO	NM	7	43	54	84	87
1	.7	2*	1.3			CHAVES	NM	86				
		2*	1.8			CURRY	NM					
1	.7	1	.6	1	.3	DONA ANA	NM	-14	-48	-55	20	78
1	.3	1	.3			LEA	NM	-4				
				1*	1.0	LOS ALAMOS	NM					93
		1*	2.4			LUNA	NM					
		1*	1.2			MC KINLEY	NM					
		1	.4	1	1.5	OTERO	NM		262			96
		1	1.0			SAN JUAN	NM					
1	1.2					SAN MIGUEL	NM					
		1	.5	1	.4	SANTA FE	NM		-25			81
		1	.5			VALENCIA	NM					
280*	.4	250	.3	190	.2	NEW YORK	NY	-16	-20	-33		
9*	.7	5	.4	4	.3	ALBANY	NY	-51	-16	-58	18	77
1	.5					ALLEGANY	NY					
24	.3	18	.3	14	.3	BRONX	NY	-15	20	2	70	79
8*	.8	4	.4	1	.1	BROOME	NY	-52	-74	-88	01	71
3	.9	1	.2	2	.5	CATTARAUGUS	NY	-73	96	-46	28	83
		2	.5			CAYUGA	NY					
4	.6			1	.1	CHAUTAUQUA	NY			-80	03	71
2	.4	2	.5	2	.4	CHEMUNG	NY	8	-6	2	68	83
2	1.0			2*	.8	CHENANGO	NY			-13	57	91
		1	.4			COLUMBIA	NY					
		1	.5			CORTLAND	NY					
1	.6	1	.4			DELAWARE	NY	-22				
2	.3	3	.5	2	.2	DUTCHESS	NY	19	-41	-30	43	73
23*	.5	15	.3	19*	.4	ERIE	NY	-36	30	-16	54	81
1	.5	2*	1.2			ESSEX	NY	132				
		1	.5			FRANKLIN	NY					
1	.4	1	.3			FULTON	NY	-21				
1	.4	1	.4	2	.7	GENESEE	NY	-8	88	72	89	89
1	.3	1	.3	2	.5	HERKIMER	NY	-9	84	68	88	85
4*	.9	1	.2	1	.2	JEFFERSON	NY	-73	-8	-75	05	74
52	.4	28	.3	12	.1	KINGS(BROOKLYN)	NY	-38	-47	-67	09	71
1	.5	3*	1.4	1	.4	LIVINGSTON	NY	200	-72	-17	54	81
1	.4	1	.4	1	.4	MADISON	NY	-6	2	-3	65	81
9	.3	8	.3	6	.2	MONROE	NY	-19	-20	-35	38	75
				1	.3	MONTGOMERY	NY					77
14	.3	19	.3	15	.2	NASSAU	NY	8	-20	-14	56	76
26	.3	34*	.4	11	.2	NEW YORK(MANHATTAN)	NY	31	-52	-37	35	74
8*	.7	7*	.6	4	.4	NIAGARA	NY	-22	-36	-50	24	80
2	.2	4	.3	2	.1	ONEIDA	NY	71	-52	-19	51	72
5	.3	6	.3	6	.3	ONONDAGA	NY	6	-3	2	69	78
2	.6	2	.6	2	.5	ONTARIO	NY	-3	-12	-14	55	84
1	.1	9*	.9	1	.1	ORANGE	NY	777	-89	-7	62	71
3*	1.9					ORLEANS	NY					
1	.2	3	.7			OSWEGO	NY	231				
				1	.4	OTSEGO	NY					79
1	.7	1	.8			PUTNAM	NY	10				
25	.3	20	.2	22	.3	QUEENS	NY	-28	22	-12	58	76
2	.3	2	.3	1	.1	RENSSELAER	NY	-5	-63	-65	11	71
2	.2	5	.5	1	.1	RICHMOND	NY	128	-84	-64	13	70
2	.4	3	.4	5	.5	ROCKLAND	NY	-12	36	20	75	84
1	.2	1	.2	2	.4	ST LAWRENCE	NY	17	111	147	95	82
				3	.5	SARATOGA	NY					85
2	.3	2	.2	2	.4	SCHENECTADY	NY	-21	53	21	76	80
1	.7			1	.6	SCHOHARIE	NY			-15	55	86
		1*	1.4			SCHUYLER	NY					
4	.7	1	.2	4*	.8	STEUBEN	NY	-70	292	16	74	91
6	.3	6	.2	13	.2	SUFFOLK	NY	-31	33	-8	61	76
		1	.5	2	.6	SULLIVAN	NY		25			86

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
2*	1.3			1	.4	TIOGA	NY			-65	11	82
		1	.4			TOMPKINS	NY					
4	.7	2	.3	3	.4	ULSTER	NY	-54	39	-36	38	83
1	.5	2	.8			WARREN	NY	46				
1	.4			1	.4	WASHINGTON	NY			2	68	80
1	.3	1	.3			WAYNE	NY	-21				
11	.3	16	.4	13	.3	WESTCHESTER	NY	28	-29	-9	60	77
1	.6			1	.4	WYOMING	NY			-36	36	80
1	.9	1	1.0			YATES	NY	16				
28	.2	48	.3	54	.3	NORTH CAROLINA	NC	55	-9	41		
2	.9	1	.3			ALAMANCE	NC	-71				
		1	.8	2*	1.6	BEAUFORT	NC		106			96
				1*	1.6	BERTIE	NC					97
		1	.2			BUNCOMBE	NC					
				2	.6	BURKE	NC					87
1	.6	4*	1.6			CABARRUS	NC	191				
2	.7	1	.5	1	.3	CATAWBA	NC	-38	-45	-65	10	76
		1	1.1	1	.9	CHATHAM	NC		-18			92
1	.6	1	.4	1	.4	CLEVELAND	NC	-29	-8	-35	38	81
		1	.6			COLUMBUS	NC					
1	.4					CRAVEN	NC					
		3	.9	2	.2	CUMBERLAND	NC		-79			73
		1*	3.6	1*	2.3	CURRITUCK	NC		-36			98
1	.3			1	.2	DAVIDSON	NC			-37	35	74
				1	.7	DUPLIN	NC					89
		1	.2			DURHAM	NC					
3	.7	2	.2	2	.3	FORSYTH	NC	-65	8	-63	14	76
1*	1.2					FRANKLIN	NC					
				1	.1	GASTON	NC					72
3	.4	3	.3	4	.3	GUILFORD	NC	-21	0	-21	49	79
		1	.7			HALIFAX	NC					
		1	.5			HARNETT	NC					
1	.4	2*	1.1	2*	.9	HAYWOOD	NC	199	-21	135	94	92
2*	1.2	1	.6	2	.9	HENDERSON	NC	-53	47	-30	42	91
				1*	6.4	HYDE	NC					99
		1	.3	1	.3	IREDELL	NC		-13			77
		1	.5			LENOIR	NC					
		1	.9	1	.6	LINCOLN	NC		-28			87
				1*	.9	MADISON	NC					92
		1*	1.5	1*	1.4	MARTIN	NC		-5			96
1	.1	3	.3	2	.1	MECKLENBURG	NC	261	-67	20	76	71
1*	1.1					MONTGOMERY	NC					
2*	1.7	1	.7	1	.4	MOORE	NC	-59	-44	-77	04	81
				2	.7	NEW HANOVER	NC					88
		2*	4.2			NORTHAMPTON	NC					
1	.1			3*	.9	ONSLOW	NC			667	99	92
		1*	2.0			PENDER	NC					
1	.4			1	.2	PITT	NC			-47	27	75
				1	.7	RICHMOND	NC					88
		1	.3			ROCKINGHAM	NC					
1	.2	2	.5			ROWAN	NC	117				
				1	.6	SAMPSON	NC					87
				1	.6	STANLY	NC					87
				2*	1.3	STOKES	NC					95
2*	.9	2	.9	2	.8	SURRY	NC	-1	-6	-6	63	91
		1*	1.1			TRANSYLVANIA	NC					
1	.8			1	.4	UNION	NC			-52	23	80
		3	.4	5*	.8	WAKE	NC		75			90
		1*	2.4			WARREN	NC					
		1	.7			WATAUGA	NC					
				1	.4	WILKES	NC					82
				1	.7	YADKIN	NC					89
				1*	1.0	YANCEY	NC					93
11	.3	16*	.5	5	.2	NORTH DAKOTA	ND	48	-69	-54		
1	1.0					BARNES	ND					
2*	3.4					BENSON	ND					
1*	1.1					BOTTINEAU	ND					
2	.6	3*	.9	2	.6	CASS	ND	41	-28	2	69	87
		1*	2.2	1*	2.1	DICKEY	ND		-3			98
2*	7.3	1*	8.5			EDDY	ND	16				
1	.5					GRAND FORKS	ND					
		1*	2.8			KIDDER	ND					
		1*	2.7			MC INTOSH	ND					
		2*	1.8			MORTON	ND					
		1*	2.9			PIERCE	ND					
				1*	1.3	RAMSEY	ND					95
1*	1.8					RANSOM	ND					
		1*	4.0			RENVILLE	ND					
		1	1.1			RICHLAND	ND					
				1*	3.4	SARGENT	ND					99
		1	.9			WALSH	ND					
1*	2.0	1*	2.3			WELLS	ND	13				
		2*	2.2			WILLIAMS	ND					
141	.3	167*	.4	120	.3	OHIO	OH	9	-30	-24		
3	.6	1	.2	1	.2	ALLEN	OH	-66	9	-63	14	74
1	.6					ASHLAND	OH					
3	.7	2	.4	3	.6	ASHTABULA	OH	-39	29	-21	49	86
2	.9					ATHENS	OH					
		2	.5	2	.4	BELMONT	OH		-5			82
		1	.8			BROWN	OH					
3	.4	2	.2			BUTLER	OH	-39				
1	.9					CARROLL	OH					
3	.5	1	.2	2	.3	CLARK	OH	-63	67	-39	34	78
		1	.2	1	.2	CLEPMONT	OH		-31			73
		1	.2	2	.4	COLUMBIANA	OH		108			81

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	.5	2*	1.2			COSHOCTON OH	121				
26	.4	28	.4	14	.2	CUYAHOGA OH	3	-47	-45	30	74
		2	.8	1	.4	DARKE OH		-47			82
		1	.3			ERIE OH					
1	.4	2	.6			FAIRFIELD OH	65				
1	.8					FAYETTE OH					
14*	.6	7	.3	12	.4	FRANKLIN OH	-50	31	-34	39	81
1	.9					GALLIA OH					
		1	.3			GEAUGA OH					
3*	1.1	1	.2	1	.3	GREENE OH	-81	56	-70	07	79
1	.7			1	.5	GUERNSEY OH			-30	43	83
8	.2	17	.5	6	.2	HAMILTON OH	114	-64	-23	48	73
1	.7	1	.7			HARDIN OH	-2				
1	.7			2*	1.6	HENRY OH			132	94	97
1	.5	1	.4			HURON OH	-22				
		1	.7			JACKSON OH					
1	.2	1	.4			JEFFERSON OH	74				
		1	.5			KNOX OH					
2	.4	5*	.8	4	.5	LAKE OH	125	-32	53	83	86
				1	.3	LAWRENCE OH					78
		4*	.8			LICKING OH					
1	.5	1	.5	1	.5	LOGAN OH	11	-9	1	67	84
3	.4	6	.7	3	.2	LORAIN OH	102	-72	-44	30	74
11	.6	9	.4	7	.4	LUCAS OH	-21	-19	-36	37	79
				1	.7	MADISON OH					88
7	.6	8*	.6	4	.3	MAHONING OH	8	-51	-47	27	78
2	.9	1	.3	2	.7	MARION OH	-71	168	-23	48	89
				1	.3	MEDINA OH					77
1	.3	4*	1.2	3*	.8	MIAMI OH	254	-33	136	94	90
		1	1.3			MONROE OH					
6	.3	15*	.6	7	.3	MONTGOMERY OH	100	-51	-3	65	77
		1*	1.9			MORGAN OH					
1	.3	1	.3	2	.5	MUSKINGUM OH	-7	103	89	91	85
				1*	1.8	NOBLE OH					97
		2*	1.1	1	.5	OTTAWA OH		-53			85
1	.7					PERRY OH					
		2*	1.2			PICKAWAY OH					
				1	.8	PIKE OH					90
				1	.2	PORTAGE OH					73
		1	.8			PUTNAM OH					
2	.4	1	.2	1	.2	RICHLAND OH	-50	-16	-58	18	72
		1	.2	2	.5	SCIOTO OH		113			85
		1	.4	1	.4	SENECA OH		6			80
		2*	1.2	2*	1.2	SHELBY OH		-2			94
8	.5	3	.2	11*	.7	STARK OH	-61	267	44	82	88
9	.5	8	.3	6	.3	SUMMIT OH	-30	-23	-46	28	76
2	.3	5	.5	4	.4	TRUMBULL OH	108	-27	51	83	80
2	.6	4*	1.1	2	.6	TUSCARAWAS OH	87	-47	0	66	86
1	.7					UNION OH					
		1	.4	1	.3	WARREN OH		-23			78
1	.4					WAYNE OH					
1	.6	1	.6			WILLIAMS OH	1				
2	.7	1	.2	1	.3	WOOD OH	-62	6	-60	17	76
2*	1.6	1	1.0	1	.8	WYANDOT OH	-37	-16	-48	25	91
33	.3	37	.3	27	.2	OKLAHOMA OK	5	-33	-29		
1*	1.2					BLAINE OK					
		1	1.1	1	1.0	BRYAN OK		-10			93
		2*	1.2			CARTER OK					
1	1.3					CHOCTAW OK					
		1	.4			CLEVELAND OK					
				1*	2.2	COAL OK					98
				1	.4	COMANCHE OK					81
		1	1.1			CRAIG OK					
		1	.5			CREEK OK					
		1	1.1			DELAWARE OK					
		1*	2.6	1*	5.1	ELLIS OK		98			99
				1	.4	GARFIELD OK					80
		1	.8	1	.9	GARVIN OK		24			92
1	.8					GRADY OK					
		1*	1.5			GREER OK					
1*	2.0					JEFFERSON OK					
2	.8	1	.4	1	.3	KAY OK	-52	-13	-58	19	79
				1*	1.5	KINGFISHER OK					96
1*	3.1	1*	1.9			LATIMER OK	-40				
1	.9					LINCOLN OK					
1	1.1					LOGAN OK					
		1	1.0			MC CURTAIN OK					
		1*	1.3			MC INTOSH OK					
		1*	3.0			MAJOR OK					
3*	1.2	1	.4	1	.4	MUSKOGEE OK	-71	5	-70	08	80
2*	3.1					NOBLE OK					
5	.3	4	.2	8	.4	OKLAHOMA OK	-33	67	12	73	80
		1	.8			OKMULGEE OK					
2*	1.3	1	.7			OTTAWA OK	-47				
		1	.6			PAYNE OK					
				1	.7	PITTSBURG OK					89
1	.8					PONTOTOC OK					
1	.4					POTTAWATOMIE OK					
				1	.8	POGEPS OK					90
1	.7	1	.7	1	1.1	SEMINOLE OK	3	54	58	86	94
1	.6	1	.5			STEPHENS OK	-13				
6	.5	9*	.6	5	.3	TULSA OK	22	-50	-39	33	78
2*	2.9					WAGONER OK					
		2*	1.1	1	.5	WASHINGTON OK		-54			85
		1*	2.3			WOODS OK					
				1*	1.2	WOODWARD OK					95
30	.4	39	.4	25	.2	OREGON OR	14	-47	-39		

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
		1	.9	1*	1.4	BAKER	OR		53			96
		1	.7	1	.5	BENTON	OR		-25			85
5*	1.0	2	.3			CLACKAMAS	OR	-68				
2*	1.3			2*	1.1	CLATSOP	OR			-9	60	94
		2	.8			COOS	OR					
1*	1.5	1*	1.9			CROOK	OR	27				
1*	1.9			1*	.9	CURRY	OR			-51	24	92
		2*	1.4			DESCHUTES	OR					
1	.3	1	.3	2	.5	DOUGLAS	OR	-21	79	41	82	83
1*	6.2					GILLIAM	OR					
				1*	1.1	HOOD RIVER	OR					94
1	.2			1	.1	JACKSON	OR			-45	29	71
1	.3					KLAMATH	OR					
4	.7	2	.3	1	.1	LANE	OR	-63	-67	-88	01	70
				1	.5	LINCOLN	OR					83
		2	.6	1	.2	LINN	OR		-67			74
1	.6					MALHEUR	OR					
3	.6	1	.2	2	.2	MARION	OR	-71	19	-66	10	74
9	.4	19*	.7	6	.2	MULTNOMAH	OR	101	-68	-36	37	75
		1	.4			UMATILLA	OR					
		1	1.1			UNION	OR					
				1*	2.3	WALLOWA	OR					98
		1	1.0			WASCO	OR					
		2	.4	3	.3	WASHINGTON	OR		-6			79
				1	.5	YAMHILL	OR					84
173	.3	178	.3	139	.3	PENNSYLVANIA	PA	-1	-24	-25		
29	.4	17	.2	12	.2	ALLEGHENY	PA	-48	-24	-60	16	73
		1	.2	3*	.7	ARMSTRONG	PA		182			89
3	.4			3	.3	BEAVER	PA			-6	63	79
1	.5	1	.4	1	.4	BEDFORD	PA	-14	-4	-17	53	82
4	.3	8	.5	5	.3	BERKS	PA	88	-42	9	72	78
1	.1			1	.2	BLAIR	PA			27	77	73
				1	.3	BRADFORD	PA					79
6	.7	3	.2	5	.3	BUCKS	PA	-71	58	-55	22	77
2	.4	1	.2			BUTLER	PA	-56				
3	.3	1	.1	3	.3	CAMBRIA	PA	-75	307	0	67	78
3*	1.0			1	.3	CARBON	PA			-69	08	77
1	.4	2	.8			CENTRE	PA	99				
2	.2	4	.4	8*	.6	CHESTER	PA	69	81	206	98	88
		1	.5			CLARION	PA					
1	.3					CLEARFIELD	PA					
		2*	1.1			CLINTON	PA					
2	.8	2	.7			COLUMBIA	PA	-5				
1	.3	1	.3			CRAWFORD	PA	5				
2	.4	5*	.8	1	.1	CUMBERLAND	PA	118	-87	-71	06	71
4	.5	1	.1	2	.2	DAUPHIN	PA	-79	110	-56	20	74
2	.1	19*	.8	7	.3	DELAWARE	PA	714	-65	182	97	77
2*	1.3	2*	1.0	2*	1.1	ELK	PA	-21	6	-16	54	94
7	.7	3	.3	5	.4	ERIE	PA	-63	72	-56	37	83
2	.2	3	.3	4	.5	FAYETTE	PA	54	42	119	93	83
2	.5	1	.2	1	.1	FRANKLIN	PA	-61	-30	-72	05	72
1*	2.3					FULTON	PA					
				1	.5	GREENE	PA					83
		1	.5			HUNTINGDON	PA					
1	.3			1	.2	INDIANA	PA			-23	47	75
		3*	1.3	1	.4	JEFFERSON	PA		-67			82
				1*	1.1	JUNIATA	PA					94
7	.5			3	.2	LACKAWANNA	PA			-54	22	75
		3	.2	4	.2	LANCASTER	PA		0			75
1	.2					LAWRENCE	PA					
1	.2	1	.2	1	.2	LEBANON	PA	-20	-6	-24	47	73
4	.3	3	.2	3	.2	LEHIGH	PA	-31	-8	-37	36	75
7	.3	11*	.7	4	.2	LUZERNE	PA	90	-68	-40	32	74
2	.3	1	.2			LYCOMING	PA	-48				
1	.3	3*	1.0			MC KEAN	PA	196				
1	.2	6*	1.0			MERCER	PA	422				
		2	.9			MIFFLIN	PA					
1	.5					MONROE	PA					
4	.2	2	.1	8	.3	MONTGOMERY	PA	-66	335	48	83	77
		1	2.0	1*	1.2	MONTOUR	PA		-42			95
6	.6	2	.2	2	.2	NORTHAMPTON	PA	-64	-18	-70	06	73
2	.4	3	.6	3	.6	NORTHUMBERLAND	PA	62	-2	58	85	86
36	.4	34*	.5	22	.4	PHILADELPHIA	PA	8	-22	-15	55	79
		1	1.2			POTTER	PA					
3	.3	3	.3	3	.3	SCHUYLKILL	PA	9	21	31	79	79
				1	.7	SNYDER	PA					88
				1	.2	SOMERSET	PA					75
		1	.6	1	.4	SUSQUEHANNA	PA		-28			83
1	1.0					UNION	PA					
		1	.3			VENANGO	PA					
1	.4					WARREN	PA					
5	.5	5	.4	2	.2	WASHINGTON	PA	-3	-54	-55	21	74
		1	.6	2*	.9	WAYNE	PA		37			92
5	.3	7	.4	6	.3	WESTMORELAND	PA	25	-22	-2	65	78
		1	1.1	1	.8	WYOMING	PA		-26			90
3	.3	4	.3	2	.2	YORK	PA	2	-48	-47	26	72
13	.3	8	.2	18*	.4	RHODE ISLAND	RI	-43	109	19		
2	.6	1	.1	5*	.7	KENT	RI	-78	368	3	70	88
2	.7	1	.2	3*	.9	NEWPORT	RI	-72	348	25	77	92
7	.2	6	.2	9	.3	PROVIDENCE	RI	-12	52	33	80	78
2	.9			1	.3	WASHINGTON	RI			-61	16	79
15	.3	10	.1	19	.2	SOUTH CAROLINA	SC	-50	63	-19		
1	.2	1	.2	2	.6	AIKEN	SC	1	178	180	96	87
2	.7	1	.3	1	.2	ANDERSON	SC	-47	-32	-64	12	75
				1	.8	BEAUFORT	SC					91

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2	.5	2	.2	2	.3	CHARLESTON SC	-50	32	-34	39	78
				2*	1.4	CHEROKEE SC					96
				1*	1.0	CHESTER SC					93
1	.9					CHESTERFIELD SC					
1*	1.7			1*	1.1	COLLETON SC			-37	35	93
		3	.3	1	.1	GREENVILLE SC		-60			71
1	.8	1	.6			GREENWOOD SC	-28				
				1	.4	HORRY SC					81
1	1.4					LANCASTER SC					
				1	.5	LAURENS SC					84
				1	.5	ORANGEBURG SC					85
1	.8					PICKENS SC					
2	.7	1	.3	4	.5	RICHLAND SC	-61	100	-21	49	85
2	.4	1	.1			SPARTANBURG SC	-62				
1	1.1					UNION SC					
				1	.3	YORK SC					77
15	.4	15	.4	12	.4	SOUTH DAKOTA SD	7	-17	-11		
		1*	4.1			AURORA SD					
1	.9					BEADLE SD					
2*	3.8					BON HOMME SD					
1	.4	1	.5			BROWN SD	26				
				1*	42.6	BUFFALO SD					99
		3*	3.3			DAVISON SD					
1*	2.6	1*	2.1	1*	.9	FALL RIVER SD	-19	-58	-66	09	91
				1*	11.1	HARDING SD					99
1*	1.7					KINGSBURY SD					
		1*	1.8	1*	2.7	LAKE SD		52			98
				1*	1.2	LAWRENCE SD					95
				2*	2.8	LINCOLN SD					99
				1*	2.5	MC COOK SD					98
1*	3.3					MC PHERSON SD					
3*	3.9	1*	1.6			MEADE SD	-58				
1	.3	1	.2			MINNEHAHA SD	-49				
1	.3	4*	2.0	1	.4	PENNINGTON SD	577	-77	54	84	83
		1*	22.3			SHANNON SD					
1*	1.7					SPINK SD					
				1*	1.6	TURNER SD					97
1*	1.9			1*	1.6	UNION SD			-18	52	96
		1*	2.5			WALWORTH SD					
1	.9			1*	1.0	YANKTON SD			2	68	93
33	.2	40	.3	41	.2	TENNESSEE TN	10	-13	-4		
		2	.6			ANDERSON TN					
1	1.0					BEDFORD TN					
1	.6					BLOUNT TN					
				1*	2.8	CANNON TN					99
				1	.8	CARROLL TN					90
				1	.5	CARTER TN					83
		1*	1.8			CHEATHAM TN					
1	1.0	1	1.0			CLAIBORNE TN	-3				
1	1.0	1	1.0	1	.8	COCKE TN	-4	-20	-23	48	90
8*	.5	11*	.7	3	.2	DAVIDSON TN	42	-76	-66	10	73
		1	.9			DICKSON TN					
		1	.8			FRANKLIN TN					
				1	.9	GILES TN					91
1	.5					GREENE TN					
		1	.6			HAMBLEN TN					
4	.5	1	.1	7*	.7	HAMILTON TN	-81	608	31	79	89
1	.7			1	.4	HAWKINS TN			-37	36	82
		1	.9	1	.5	HENRY TN		-44			84
		1*	1.8			HICKMAN TN					
				1*	1.4	HUMPHREYS TN					96
				1	.7	JEFFERSON TN					89
6	.6	4	.4	2	.1	KNOX TN	-33	-64	-76	04	71
1	.8					MC MINN TN					
		1	.5			MADISON TN					
				1	1.0	MARION TN					93
		1	.6			MAURY TN					
				1	.9	MONROE TN					92
				1	.4	MONTGOMERY TN					81
				1*	1.3	MORGAN TN					95
				1*	1.7	POLK TN					97
		1	.7	1	.5	PUTNAM TN		-26			85
		1	.8			ROANE TN					
1	.7					ROBERTSON TN					
				1	.3	RUTHERFORD TN					79
				2*	1.1	SEVIER TN					94
5	.4	6	.3	2	.1	SHELBY TN	-23	-70	-77	04	71
				1*	1.1	SMITH TN					94
		3	.6	3	.4	SULLIVAN TN		-24			83
1	.8	1	.3	1	.3	SUMNER TN	-56	-12	-61	16	77
				1*	3.9	VAN BUREN TN					99
1	1.1					WARREN TN					
				3*	.8	WASHINGTON TN					90
94	.3	113	.3	109	.2	TEXAS TX	-1	-16	-18		
		1	.7			ANDERSON TX					
		1*	1.4			ANDREWS TX					
				1	.5	ANGELINA TX					83
		1*	2.7			ARCHER TX					
		1*	6.7			ARMSTRONG TX					
1*	1.2					AUSTIN TX					
1*	1.2			2*	1.4	BASTROP TX			18	75	96
2*	2.9					BEE TX					
		1	.3			BELL TX					
8	.3	10	.4	8	.2	BEXAR TX	10	-40	-34	39	75
2	.9			1	.3	BOWIE TX			-62	15	78

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2	.7			2	.5	BRAZORIA TX			-25	46	84
		1	.6	2*	1.0	BRAZOS TX		65			93
1*	1.2					BROOKS TX					
		1	.6			BROWN TX					
				1*	1.6	BURLESON TX					97
		1*	2.2	1*	1.1	BURNET TX		-48			94
1	1.1					CALDWELL TX					
				1*	1.2	CALHOUN TX					94
1	.2	1	.1			CAMERON TX	-48				
1*	3.5					CAMP TX					
				1	.5	CHEROKEE TX					84
				1*	2.1	CHILDRESS TX					98
1*	1.6			1*	1.4	CLAY TX			-12	58	96
1*	4.8					COKE TX					
1	.5	1	.4	1	.3	COLLIN TX	-18	-23	-37	35	78
		1	1.0			COPYELL TX					
		1*	4.9			COTTLE TX					
				1*	3.4	DALLAM TX					99
3	.1	10	.2	8	.2	DALLAS TX	157	-32	74	90	72
1*	1.4					DUVAL TX					
		4*	1.0	1	.2	ECTOR TX		-80			74
		2*	1.2			ELLIS TX					
5	.6	3	.3	3	.2	EL PASO TX	-54	-8	-58	19	76
		1*	4.6			FOARD TX					
		1	.6	1	.5	FORT BEND TX		-24			83
		1*	1.8			FREESTONE TX					
1*	2.4					FRIO TX					
1	.2			2	.3	GALVESTON TX			69	88	77
				1*	1.1	GILLESPIE TX					93
				1*	.9	GONZALES TX					92
		2*	1.6			GRAY TX					
		1	.3			GRAYSON TX					
				2	.6	GREGG TX					87
2*	1.8			1	.6	GUADALUPE TX			-67	09	86
2*	1.7			1	.7	HALE TX			-58	18	89
13	.4	13	.2	12	.2	HARRIS TX	-39	-8	-44	30	74
1	.8					HARRISON TX					
		1*	5.3			HEMPHILL TX					
		1	.7			HENDERSON TX					
1	.2	1	.2	4	.4	HIDALGO TX	-24	139	81	90	81
1	1.0					HOCKLEY TX					
		1	.7			HOPKINS TX					
		1*	1.3			HOUSTON TX					
1	.5	2*	1.1	1	.7	HUTCHINSON TX	111	-36	35	81	89
1*	3.4			1*	2.5	JACKSON TX			-27	45	98
3	.3	4	.4	3	.3	JEFFERSON TX	17	-13	2	69	79
		1	.7	1	.7	JIM WELLS TX		7			89
2*	1.1			1	.4	JOHNSON TX			-67	09	80
		1	.9	1*	1.0	JONES TX		2			92
1*	1.5					KARNES TX					
				1	.7	KERR TX					89
		1	1.0			KLEBERG TX					
1	1.4	1	1.0			LAMB TX	-32				
		1	.7			LIBERTY TX					
		2*	2.0			LIMESTONE TX					
3	.8			3	.5	LUBBOCK TX			-36	36	84
				1*	1.3	MC CULLOCH TX					95
5*	.9	1	.2			MC LENNAN TX	-83				
				1*	4.7	MASON TX					99
		1*	1.8			MAVERICK TX					
2*	3.0					MIDLAND TX					
		1*	2.1			MILLS TX					
				1*	2.2	MORRIS TX					98
		1	1.0			NACOGDOCHES TX					
1	.5					NAVARRO TX					
4	.6	1	.1	2	.2	NUECES TX	-81	88	-65	12	74
		1	.3	1	.3	ORANGE TX		22			79
		1	.8			PALO PINTO TX					
				1*	1.8	PANOLA TX					97
		1*	2.5	1*	2.0	PECOS TX		-19			98
				1*	.6	POLK TX					86
1	.5	2	.5	2	.5	POTTER TX	1	12	14	74	86
1	.6					RUSK TX					
				1*	2.0	SABINE TX					97
		3*	1.6			SAN PATRICIO TX					
		1	2.1			SCURRY TX					
2	.7	3*	.9	1	.2	SMITH TX	26	-78	-72	05	73
				1*	1.2	STARR TX					95
6	.3	6	.3	10	.4	TARRANT TX	-18	36	13	73	79
				1	.3	TAYLOR TX					76
				3*	.8	TOM GREEN TX					91
2	.3	3	.4	5	.4	TRAVIS TX	38	12	54	85	82
1*	4.8					UPTON TX					
1*	1.3	1*	1.4			UVALDE TX	9				
		1	.6			WEBB TX					
1*	2.1					WHEELER TX					
		7*	1.4	2	.4	WICHITA TX		-68			83
1	.6					WILLIAMSON TX					
				1*	1.4	WILSON TX					96
9	.3	12	.3	6	.2	UTAH UT	17	-54	-47		
		1	1.0			CARBON UT					
				1*	6.0	GRAND UT					99
4	.3	9	.6	3	.2	SALT LAKE UT	122	-69	-32	41	73
1*	2.0	1*	1.7			SEVIER UT	-17				
2	.5	1	.2			UTAH UT	-57				
				1*	.6	WASHINGTON UT					87
2	.5			1	.2	WEBER UT			-65	11	73

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WHITE MALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
4	.2	5	.3	8	.4	VERMONT VT	23	44	78		
1	.9	1	.7			ADDISON VT	-27				
		1	.8	1	.5	BENNINGTON VT		-30			85
1*	5.4					GRAND ISLE VT					
		1	1.0			ORANGE VT					
				1	1.0	ORLEANS VT					93
				2	.7	RUTLAND VT					89
1	.5	2	.9			WASHINGTON VT	68				
1	.6			2*	1.2	WINDHAM VT			106	92	94
				2*	.8	WINDSOR VT					90
35	.3	35	.2	40	.2	VIRGINIA VA	-17	-3	-19		
				1	.9	ACCOMACK VA					92
2	1.2					ALBEMARLE#VA					
1*	2.7					APPOMATTOX VA					
2	.7	3	.5	3	.4	ARLINGTON#VA	-27	-28	-47	26	80
		2	.6	3*	.7	AUGUSTA#VA		22			89
		1	.2			BEDFORD#VA					
				1*	2.5	BUCKINGHAM VA					98
3	.4	2	.2			CHESTERFIELD#VA	-49				
				1*	1.3	CULPEPER VA					95
1	.3	1	.3	1	.3	DINWIDDIE#VA	4	14	18	75	78
4	.3	6	.5	5	.3	FAIRFAX#VA	59	-41	-6	64	78
		1	1.1			FAUQUIER VA					
		1*	3.0			FLUVANNA VA					
		1	.8	1	.7	FRANKLIN VA		-18			88
1	.7					FREDERICK#VA					
1*	1.4					GILES VA					
2	.3	2	.3	5*	.6	HENRICO VA	-1	111	108	92	87
1*	3.0	2*	5.0			ISLE OF WIGHT VA	70				
				1	.3	JAMES CITY#VA					79
1	.8			1	.8	LEE VA			-3	65	90
				1	.7	LOUDOUN VA					89
1*	2.2					LOUISA VA					
1*	2.2					LUNENBURG VA					
		1*	2.7	1*	2.6	MADISON VA		-1			98
		2*	1.2			MONTGOMERY#VA					
				1*	2.0	NELSON VA					98
				1*	1.6	ORANGE VA					97
				1*	1.2	PAGE VA					94
2	.5					PITTSYLVANIA#VA					
1	.8	1	.2			PRINCE WILLIAM#VA	-78				
1	.6					PULASKI VA					
2	.4			2	.2	ROANOKE#VA			-42	31	75
1	.3					ROCKINGHAM#VA					
				1	.8	SCOTT VA					91
				1*	1.5	SOUTHAMPTON#VA					96
1*	1.7					STAFFORD VA					
1	.6					TAZEWELL VA					
2*	4.7					WARREN VA					
1	.5			1	.4	WASHINGTON#VA			-17	53	81
		2*	.9			WISE#VA					
1	.1	4	.1	4	.2	CHESAPEAKE CITY#VA	39	58	120	93	75
1	.5	1	.7	2	.4	HAMPTON CITY VA	60	-41	-6	64	82
		1	.5			NEWPORT NEWS CITY VA					
		1	1.2	1	1.8	SUFFOLK CITY VA		48			97
49	.4	36	.2	52	.3	WASHINGTON WA	-36	28	-19		
1	.9	2	.6			BENTON WA	-32				
				1	.4	CHELAN WA					81
		1	.7	1	.6	CLALLAM WA		-10			87
1	.2	1	.2	1	.1	CLARK WA	-27	-10	-34	39	72
1	.3	3*	1.0			COWLITZ WA	207				
				1*	1.2	DOUGLAS WA					94
1	1.5			1	.7	FRANKLIN WA			-55	21	88
1	.5			1	.5	GRANT WA			4	70	85
1	.5			2	.6	GRAYS HARBOR WA			102	92	86
1*	2.1					ISLAND WA					
				1*	1.2	JEFFERSON WA					95
12	.3	10	.2	16	.3	KING WA	-31	49	2	69	78
		1	.2	2	.4	KITSAP WA		93			81
1	.8					KITTITAS WA					
1	.4					LEWIS WA					
				1	.8	MASON WA					90
		2*	1.4			OKANOGAN WA					
				1	.7	PACIFIC WA					89
9*	.7	2	.1	5	.3	PIERCE WA	-80	115	-56	20	77
1	.4	2	.6	3*	1.1	SKAGIT WA	56	66	158	95	93
6*	.8	5	.5	1	.1	SNOHOMISH WA	-34	-86	-91	00	70
9*	.7	1	.1	7	.5	SPOKANE WA	-90	553	-33	40	84
2	.7			1	.2	THURSTON WA			-72	06	74
		1*	5.0			WAHKIAKUM WA					
1	.5					WALLA WALLA WA					
		4*	1.0	3*	.6	WHATCOM WA		-38			87
		1	.7			WHITMAN WA					
				3	.4	YAKIMA WA					81
19	.2	26	.3	28	.3	WEST VIRGINIA WV	42	2	45		
		1*	1.6			BARBOUR WV					
1	.6	1	.5			BERKELEY WV	-12				
		1	.8			BOONE WV					
1	1.6					BRAXTON WV					
		1	.7			BROOKE WV					
6*	1.2	1	.2	1	.2	CABELL WV	-83	-7	-84	02	73
1*	2.4					CALHOUN WV					
				2	.8	FAYETTE WV					90

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE RATES 70S/50S	1970S
		1	.5	3*	1.8	GREENBRIER WV		240			97
		1	.5	1	.5	HANCOCK WV		-6			83
1	.3	3	.7			HARRISON WV	185				
				1	.7	JEFFERSON WV					88
2	.2	2	.2	2	.2	KANAWHA WV	0	-5	-5	64	73
				1	.9	LEWIS WV					92
		1	.5			LOGAN WV					
		1	.3	1	.3	MARION WV		-4			78
1	.4					MARSHALL WV					
1	.3					MERCER WV					
				1	.9	MINERAL WV					91
		2*	1.2			MINGO WV					
1*	1.8					MONROE WV					
		1	.3	4*	1.3	OHIO WV		331			95
				1*	2.1	PENDLETON WV					98
		1*	3.5			PLEASANTS WV					
				2*	1.2	PRESTON WV					94
2	.7			2	.6	RALEIGH WV			-11	58	87
		1	.8	1	.8	RANDOLPH WV		-2			90
				1*	1.1	RITCHIE WV					94
				1*	1.3	ROANE WV					95
		1*	1.2	1*	2.1	SUMMERS WV		76			98
		1*	1.8			TYLER WV					
		1	.9	1	1.0	UPSHUR WV		18			93
		1	.5	1	.5	WAYNE WV		2			83
		1*	2.0			WEBSTER WV					
2	.6	2	.5			WOOD WV	-13				
51	.3	76	.4	66	.3	WISCONSIN WI	39	-17	15		
1*	2.7					ADAMS WI					
		1	1.2	1*	.7	ASHLAND WI		-39			90
		1	.5			BARRON WI					
1*	1.2					BAYFIELD WI					
2	.4	5*	.9	2	.3	BROWN WI	135	-60	-7	62	79
1	1.5					BUFFALO WI					
				1	.7	CLARK WI					88
				1*	1.2	CRAWFORD WI					95
2	.3	7*	.8	2	.2	DANE WI	188	-75	-28	44	73
1	.3	2	.6	3*	.8	DODGE WI	88	39	162	96	91
		1	1.0			DOOR WI					
2	.7					DOUGLAS WI					
2*	1.2	1	.6			DUNN WI	-52				
2	.6	1	.3			EAU CLAIRE WI	-49				
3	.9	6*	1.5			FOND DU LAC WI	77				
		1*	1.6			FOREST WI					
2	1.0			2*	.9	GRANT WI			-13	57	91
		1	.7			GREEN WI					
		1	.3			JEFFERSON WI					
3	.6	1	.2	3	.5	KENOSHA WI	-67	152	-16	54	84
1	.3					LA CROSSE WI					
				1	.7	LINCOLN WI					89
		7*	1.8	3*	.8	MANITOWOC WI		-58			90
2	.5	1	.2	5	.6	MARATHON WI	-53	171	27	77	86
				1	.4	MARINETTE WI					82
		1	.3	3*	.9	MENOMINEE#WI		222			92
11	.2	18	.4	14	.3	MILWAUKEE WI	54	-18	27	78	78
		1	.6			MONROE WI					
		1	.7			ONEIDA WI					
		3	.6	3	.5	OUTAGAMIE WI		-12			84
				2*	1.3	POLK WI					95
1	1.5					PRICE WI					
2	.3	2	.3	2	.3	RACINE WI	-1	-8	-9	61	77
1	1.1	1	.9			RICHLAND WI	-14				
1	.2	2	.4	1	.2	ROCK WI	99	-53	-6	63	73
				2*	3.0	RUSK WI					99
				1	.5	ST CROIX WI					83
1	.5			1	.5	SAUK WI			13	74	85
1	.2	2	.4	3	.6	SHEBOYGAN WI	92	60	208	98	87
1	.8					TREMPEALEAU WI					
1	.6					VERNON WI					
				1*	1.7	VILAS WI					97
1	.4	1	.3			WALWORTH WI	-1				
				1	.4	WASHINGTON WI					80
		3	.4	4	.3	WAUKESHA WI		-22			78
1	.6			2*	.7	WAUPACA WI			22	76	90
				1	.6	WAUSHARA WI					87
3	.6	3	.5	2	.3	WINNEBAGO WI	-13	-39	-47	27	79
1	.4	1	.4			WOOD WI	2				
5	.3	5	.3	4	.2	WYOMING WY	-3	-33	-34		
				1*	1.2	CARBON WY					94
1*	2.2					GOSHEN WY					
2	.9	1	.2	2	.7	LARAMIE WY	-72	180	-21	50	88
1	.3	3*	1.6	1	.3	NATRONA WY	430	-79	10	72	78
		1*	5.7			NIOBRARA WY					
1	1.0					SWEETWATER WY					

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1492	.2	1698	.2	1999	.2	UNITED STATES	-3	4	1		
12	.1	20	.2	27	.2	ALABAMA AL	53	9	68		
1	.7					BALDWIN AL					
		1*	2.5			BIBB AL					
1	.2	2	.5			CALHOUN AL	108				
		1*	2.0			CLEBURNE AL					
		1*	3.0			CONECUH AL					
1	.5					COVINGTON AL					
				1*	1.0	CRENSHAW AL					95
1	.5	1	.4	1	.3	CULLMAN AL	-17	-8	-24	40	85
				1	.9	DALE AL					94
		1*	.8	1	.5	DALLAS AL		-35			90
		1	.5	1	.3	DE KALB AL		-42			82
		2	.5	1	.2	ETOWAH AL		-57			78
				1*	1.0	GENEVA AL					95
				1	.4	HOUSTON AL					86
3	.2	4	.2	7	.3	JEFFERSON AL	15	46	68	82	81
				1	.6	LEE AL					91
		1	.7			LIMESTONE AL					
				2	.3	MADISON AL					82
		1	.4			MARSHALL AL					
2	.2			2	.2	MOBILE AL			-27	37	76
		1	.2	1	.2	MONTGOMERY AL		-10			77
		1	.4	2	.5	MORGAN AL		28			88
				1*	1.2	PICKENS AL					96
		1*	1.4	1*	1.6	PIKE AL		14			97
1*	.9					RUSSELL AL					
				1	.7	ST CLAIR AL					93
1*	.8			1	.5	SHELBY AL			-34	32	89
		1	.6			TALLAPOOSA AL					
1	.3					TUSCALOOSA AL					
		1	.1			ALASKA AK					
6	.2	8	.1	16	.2	ARIZONA AZ	-28	27	-9		
1*	1.6					GRAHAM AZ					
4	.2	5	.1	9	.1	MARICOPA AZ	-41	13	-34	32	76
1	.2			3	.1	PIMA AZ			-5	53	76
		3*	1.3	1	.3	PINAL AZ		-81			81
				1	.2	YAVAPAI AZ					80
				2*	.7	YUMA AZ					93
10	.1	11	.1	15	.1	ARKANSAS AR	0	-2	-1		
		1*	1.1			ASHLEY AR					
				1	.5	BOONE AR					88
1*	1.8					BRADLEY AR					
				1*	1.3	CARROLL AR					96
1*	2.5					CHICOT AR					
				1	1.2	CLAY AR					96
1*	2.0					DREW AR					
				1	.6	FAULKNER AR					90
				1*	1.0	FULTON AR					95
		1	.5	2	.3	GARLAND AR		-42			83
				1	.5	GREENE AR					89
1	.3	1	.4	1	.3	JEFFERSON AR	5	-12	-7	52	84
		1*	1.2	1*	.6	JOHNSON AR		-52			91
1*	1.4	1*	1.1			LAWRENCE AR	-21				
				1	.6	MILLER AR					91
		1*	2.5			MONROE AR					
2	.2	1	.1	1	.1	PULASKI AR	-58	-15	-65	11	74
		1	.6	1	.5	SALINE AR		-20			89
2	.7	1	.3			SEBASTIAN AR	-61				
		1	.5			UNION AR					
				2	.5	WASHINGTON AR					89
1	.5					WHITE AR					
		1*	1.7			YELL AR					
138	.2	185	.2	223*	.2	CALIFORNIA CA	6	2	8		
12	.3	8	.2	14	.3	ALAMEDA CA	-39	56	-4	53	83
1	.2	1	.2			BUTTE CA	18				
4	.4	2	.1	5	.2	CONTRA COSTA CA	-69	54	-52	18	77
				1	.2	EL DORADO CA					80
3	.2	5	.3	3	.1	FRESNO CA	57	-46	-15	48	76
				1*	.8	GLENN CA					93
1	.3			1	.2	HUMBOLDT CA			-37	30	78
1	.3			1	.3	IMPERIAL CA			3	60	84
4	.3	2	.1	6	.4	KERN CA	-63	179	3	59	85
1	.4					KINGS CA					
44	.2	63	.2	72	.2	LOS ANGELES CA	25	13	42	76	80
		1	.5			MADERA CA					
		3	.3	1	.1	MARIN CA		-83			74
2*	.8	1	.4			MENDOCINO CA	-57				
1	.3	2	.4	1	.1	MERCED CA	17	-62	-56	16	76
3	.4			3	.3	MONTEREY CA			-19	43	85
		1	.2	1	.2	NAPA CA		-27			77
1*	.6			1	.6	NEVADA CA			-3	54	91
1	.1	14	.3	19	.2	ORANGE CA	501	-20	380	99	81
		1	.3	1	.2	PLACER CA		-3			81
		1*	2.2			PLUMAS CA					
		3	.2	7	.3	RIVERSIDE CA		57			82
5	.2	5	.2	8	.3	SACRAMENTO CA	-15	43	22	70	82
6	.3	5	.2	11	.3	SAN BERNARDINO CA	-30	61	13	67	83
9	.3	21*	.4	15	.2	SAN DIEGO CA	49	-45	-18	44	79

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15*	.4	11	.3	6	.2	SAN FRANCISCO CA	-29	-25	-47	23	78
3	.4	2	.2	2	.1	SAN JOAQUIN CA	-51	-32	-67	09	75
1	.3	2	.5	2	.2	SAN LUIS OBISPO CA	58	-54	-27	37	81
5	.3	7	.3	4	.1	SAN MATEO CA	12	-53	-48	22	76
		3	.3	3	.2	SANTA BARBARA CA		-26			79
6	.3	7	.2	10	.2	SANTA CLARA CA	-26	10	-19	44	78
1	.1	2	.3	5*	.6	SANTA CRUZ CA	91	111	302	98	90
3*	1.3			3*	.6	SHASTA CA			-50	21	92
				1	.5	SISKIYOU CA					89
		1	.1	2	.3	SOLANO CA		119			83
2	.3	2	.2	1	.1	SONOMA CA	-31	-62	-74	04	74
1	.1	1	.1	7*	.6	STANISLAUS CA	-23	524	379	98	92
		2*	1.1			SUTTER CA					
				1	.5	TEHAMA CA					88
		1	.1	1	.1	TULARE CA		-27			74
2	.3	4	.3	3	.2	VENTURA CA	1	-43	-42	26	77
		1	.2			YOLO CA					
16	.2	16	.2	25	.2	COLORADO CO	-19	30	5		
1	.3	2	.3			ADAMS CO	4				
1*	2.5					ALAMOSA CO					
				1*	4.4	BACA CO					99
				1*	4.5	BENT CO					99
2*	.7	1	.2	3	.6	BOULDER CO	-74	182	-25	38	90
3	.1	5	.2	5	.1	DENVER-ARAPAHOE#CO	71	-12	50	79	75
		1	.1	6*	.5	EL PASO CO		347			90
		1*	1.4			GARFIELD CO					
1	.3	4*	.5	1	.1	JEFFERSON CO	82	-87	-76	03	74
				1*	4.8	LAKE CO					99
1	.4			1	.2	LARIMER CO			-39	28	79
		1*	3.1			LINCOLN CO					
1	.5					MESA CO					
1*	4.0					MOFFAT CO					
1*	.8			1*	.8	MORGAN CO			7	64	94
2	.3			3	.5	PUEBLO CO			57	80	90
				1*	1.8	RIO GRANDE CO					98
2	.6	1	.3	1	.2	WELD CO	-54	-22	-64	11	80
21	.2	29	.2	36	.2	CONNECTICUT CT	12	6	19		
6	.2	11	.3	12	.3	FAIRFIELD CT	35	-7	26	71	83
7	.2	7	.2	10	.2	HARTFORD CT	-17	30	8	64	80
1	.2			4	.5	LITCHFIELD CT			185	95	89
		1	.2			MIDDLESEX CT					
7	.2	7	.2	8	.2	NEW HAVEN CT	-11	-5	-16	47	77
		3	.3	1	.1	NEW LONDON CT		-73			74
				1	.3	TOLLAND CT					82
		4	.2	7	.3	DELAWARE DE		63			
		3*	1.0			KENT DE					
		1	.1	6	.3	NEW CASTLE DE		413			85
				1	.2	SUSSEX DE					81
8	.3	4	.2	3	.2	DIST. OF COLUMBIA DC	-28	9	-22		
8	.3	4	.2	3	.2	WASHINGTON DC	-28	9	-22	42	79
36	.2	81*	.3	80	.2	FLORIDA FL	39	-39	-14		
				1	.3	ALACHUA FL					84
		2*	.5			BAY FL					
1	.6	1	.1	2	.2	BREVARD FL	-83	78	-69	07	77
4	.5	5	.2	9	.2	BROWARD FL	-63	15	-57	15	79
1*	4.5					CALHOUN FL					
2*	2.2	1	.5			CHARLOTTE FL	-79				
7	.2	14	.3	16	.2	DADE FL	58	-18	29	73	78
2	.1	8*	.4	4	.2	DUVAL FL	206	-57	30	74	77
		3	.4	2	.2	ESCAMBIA FL		-37			80
1*	1.1					GADSDEN FL					
		1*	1.7			HARDEE FL					
1*	4.2					HENDRY FL					
4	.3	9*	.4	9	.3	HILLSBOROUGH FL	61	-29	15	67	84
		1	.9	1	.2	INDIAN RIVER FL		-77			78
		3*	1.2	1	.3	LAKE FL		-72			84
1	.5	1	.3	1	.1	LEE FL	-34	-73	-82	01	74
		2*	.9	1	.3	LEON FL		-67			83
		1	.1	1	.4	MANATEE FL		374			85
				1	.3	OKALOOSA FL					81
1	.1	3	.2	6	.3	ORANGE FL	176	17	222	98	82
3	.4	6	.4	6	.2	PALM BEACH FL	2	-42	-41	28	80
		1	.1			PASCO FL					
4	.3	11*	.5	13	.3	PINELLAS FL	52	-39	-8	51	83
1	.1	2	.2	2	.1	POLK FL	94	-38	20	69	76
1	.3	2	.5	2	.1	SARASOTA FL	63	-87	-78	02	74
1	.9	1	.3	2	.3	SEMINOLE FL	-69	7	-67	09	83
1	.1	3	.3			VOLUSIA FL	212				
19	.1	20	.1	35	.2	GEORGIA GA	-16	47	24		
				1*	2.1	BANKS GA					98
				1	.2	BIBB GA					78
		1*	.8			BULLOCH GA					
		1	.6			CARROLL GA					
				1	.7	CATOOSA GA					92
1	.3			2	.3	CHATHAM GA			-2	55	83
				1*	.7	CHATTOOGA GA					93
1*	.9					CHEROKEE GA					
		2*	1.3			CLARKE GA					
				1	.2	CLAYTON GA					77

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WHITE FEMALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
				1	.2	COBB GA					78
				1*	1.8	DADE GA					98
		1	.1	3	.2	DE KALB GA		115			77
1*	1.6			1*	1.6	DODGE GA			-1	56	97
				2	.5	FLOYD GA					89
		1*	1.2			FRANKLIN GA					
2	.1	4	.2	2	.1	FULTON GA	51	-62	-42	27	74
		2*	1.7			GLYNN GA					
1*	1.4			1	.9	GORDON GA			-37	30	94
				1*	.7	HABERSHAM GA					93
1	.6					HALL GA					
		1*	1.3			HARALSON GA					
1*	2.0					HENRY GA					
1*	.6			1	.3	HOUSTON GA			-39	29	84
				1*	3.9	JOHNSON GA					99
1*	5.2					LINCOLN GA					
1*	8.7					LONG GA					
				1*	5.9	MC INTOSH GA					99
				1*	2.4	MILLER GA					99
1	.2	1	.2	1	.1	MUSCOGEE#GA	1	-49	-49	22	75
				2*	2.0	NEWTON GA					98
				1*	2.0	PEACH GA					98
				1	.4	POLK GA					87
				1*	3.5	PULASKI GA					99
		1	.6			SPALDING GA					
				2*	1.4	STEPHENS GA					97
1*	1.4					SUMTER GA					
		1*	2.0			TELFAIR GA					
1*	.9	1*	.9			THOMAS GA	1				
		1*	1.4			TOOMBS GA					
1*	5.0					TREUTLEN GA					
1	.4					TROUP GA					
1*	.9			1*	.8	UPSON GA			-14	48	93
1	.6			2*	.7	WALKER GA			28	72	93
		1*	.9			WALTON GA					
				1	.6	WAPE GA					91
1	.4	1	.4			WHITFIELD GA	3				
		1	.1	1	.1	HAWAII HI		11			
		1	.1	1	.1	HONOLULU HI		16			74
3	.1	10	.3	12	.3	IDAHO ID	194	-9	168		
		2	.4	2	.3	ADA ID		-29			82
				1	.4	BANNOCK ID					86
		1*	1.0			BINGHAM ID					
		1*	1.2			BONNER ID					
		1	.5	1	.3	BONNEVILLE ID		-44			82
		1	.3			CANYON ID					
1*	.8			3*	4.6	ELMORE ID			484	99	99
				1*	1.5	JEFFERSON ID					97
		1	.5	1	.4	KOOTENAI ID		-26			85
1*	7.3					ONEIDA ID					
		2*	6.4			OWYHEE ID					
				1*	1.0	PAYETTE ID					95
				1*	.9	SHOSHONE ID					94
1	.6	1	.4	1	.3	TWIN FALLS ID	-24	-36	-51	20	82
91	.2	87	.2	111	.2	ILLINOIS IL	-14	24	6		
		2	.6	1	.2	ADAMS IL		-67			78
1*	1.2					ALEXANDER IL					
1*	2.4					BROWN IL					
1	.7			1	.5	BUREAU IL			-20	43	90
				1*	.5	CARROLL IL					88
				1	.2	CHAMPAIGN IL					78
1	.4					CHRISTIAN IL					
		1	.3	1	.3	COLES IL		-7			82
43	.2	48	.2	47	.2	COOK IL	9	-2	7	63	78
				2*	1.8	CRAWFORD IL					98
		2*	.8	1	.4	DE KALB IL		-52			86
4	.4			3	.1	DU PAGE IL			-70	06	75
		1*	1.2			EDWARDS IL					
				1	.7	FAYETTE IL					93
1	.5			1	.5	FRANKLIN IL			-11	50	89
		1	.4			FULTON IL					
		1*	1.0			GREENE IL					
1	.5	1	.8			IROQUOIS IL	59				
1*	.7			1*	.9	JO DAVIESS IL			30	74	94
4	.5	3	.3	1	.1	KANE IL	-45	-67	-82	01	74
				4*	.9	KANKAKEE IL					95
		1	.3	1	.3	KNOX IL		0			85
3	.3	4	.3	1	.1	LAKE IL	8	-79	-77	02	74
1	.2	2	.3	2	.3	LA SALLE IL	109	0	110	91	85
1	.6	1	.5			LOGAN IL	-14				
		1	.2	2	.3	MC HENRY IL		59			85
2	.5			1	.2	MC LEAN IL			-56	16	79
2	.3	1	.1	2	.3	MACON IL	-58	110	-12	49	83
				1	.4	MACOUPIN IL					86
3	.3	1	.1	3	.2	MADISON IL	-69	168	-16	46	80
2*	.9					MARION IL					
				1*	1.7	MENARD IL					97
		1*	1.0			MERCER IL					
		1	1.0			MONTGOMERY IL					
				1	.6	MORGAN IL					91
				2*	.9	OGLE IL					95
1	.1	2	.2	2	.2	PEORIA IL	80	-15	52	80	77
				1*	1.0	PIKE IL					95
1	.1	4*	.5	2	.2	ROCK ISLAND IL	283	-56	70	83	79
2	.2	1	.1	3	.3	ST CLAIR IL	-57	196	29	72	81

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2	.2	1	.1	4	.5	SANGAMON IL	-49	283	94	88	88
1*	2.7			1*	2.2	SCOTT IL			-18	44	98
1	.7			1	.7	SHELBY IL			-11	50	92
		1	.3	3*	1.1	STEPHENSON IL		256			95
1	.2	1	.2	1	.2	TAZEWELL IL	-7	-24	-29	35	77
1*	.8					UNION IL					
2	.4	1	.2			VERMILION IL	-53				
1*	.8			1*	1.5	WAYNE IL			78	85	97
1	.4	2*	.6			WHITESIDE IL	77				
2	.3			4	.4	WILL IL			26	71	85
1	.4			2	.6	WILLIAMSON IL			65	81	91
2	.3	1	.1	3	.3	WINNEBAGO IL	-69	179	-13	48	81
26	.1	45	.2	56	.2	INDIANA IN	52	17	78		
1	.1	3	.3	1	.1	ALLEN IN	157	-74	-33	33	74
		1	.4	1	.3	BARTHOLOMEW IN		-32			81
				2*	2.3	BLACKFORD IN					99
1	.5					CASS IN					
1	.4			1	.3	CLARK IN			-25	38	84
		1	.7			CLAY IN					
		2*	1.4			DAVIESS IN					
				1	.6	DEARBORN IN					90
				1*	.8	DECATUR IN					94
1	.2	1	.2	3	.4	DELAWARE IN	-2	116	112	92	87
				2*	1.2	DUBOIS IN					96
1	.2			1	.2	ELKHART IN			-31	34	76
				2*	.6	FLOYD IN					92
1	.6					GIBSON IN					
		1	.3	1	.3	GRANT IN		-9			81
		1	.4	1	.2	HAMILTON IN		-45			79
				1	.6	HANCOCK IN					91
				1	.4	HENDRICKS IN					85
3*	1.3					HENRY IN					
1	.2	2	.6	2	.5	HOWARD IN	144	-14	110	91	89
1	.6	1	.6	1	.4	HUNTINGTON IN	8	-34	-28	36	86
		2*	2.1			JASPER IN					
		2*	.6			JOHNSON IN					
		2*	.8			KOSCIUSKO IN					
		1*	1.0			LAGRANGE IN					
3	.1	3	.1	5	.2	LAKE IN	13	59	80	86	80
1	.2	2	.4	1	.2	LA PORTE IN	59	-40	-4	53	80
		1	.4			LAWRENCE IN					
				2	.3	MADISON IN					83
3	.1	2	.1	8	.3	MARION IN	-54	321	95	89	81
		1	.8	1	.5	MARSHALL IN		-29			90
		1	.3	1	.3	MONROE IN		1			83
		1	.4	2*	1.2	MONTGOMERY IN		199			96
		1	.4	1	.4	MORGAN IN		3			87
				1*	1.5	OWEN IN					97
1*	1.0					POSEY IN					
		2*	2.0			RUSH IN					
		3	.3	2	.2	ST JOSEPH IN		-40			76
		1	.5	1	.6	SHELBY IN		26			90
		1*	1.1			SPENCER IN					
				2*	1.7	STEUBEN IN					97
				1*	2.3	SWITZERLAND IN					98
1	.2	1	.2	1	.2	TIPPECANOE IN	-20	33	7	63	80
		1*	.9			TIPTON IN					
		1*	2.8			UNION IN					
2	.2	2	.2	2	.2	VANDERBURGH IN	2	-26	-25	39	77
1*	.8					VERMILLION IN					
1	.1			3	.5	VIGO IN			242	98	89
1	.5					WABASH IN					
1	.2					WAYNE IN					
		1*	.7			WHITE IN					
31	.2	35	.2	38	.2	IOWA IA	11	-2	9		
		1*	.9			BENTON IA					
		2	.3	2	.3	BLACK HAWK IA		-2			84
		1	.8	2*	.9	BOONE IA		10			94
				1	.7	BREMER IA					92
1*	1.1					BUTLER IA					
				1*	1.5	CALHOUN IA					97
1*	.7	1*	1.2			CARROLL IA	68				
		2*	1.7			CASS IA					
2*	.7	1	.3	1	.3	CLINTON IA	-49	-3	-51	20	84
		1	.8	1	.6	DALLAS IA		-16			92
		1*	2.6			DECATUR IA					
1	.4	1	.3	1	.3	DES MOINES IA	-34	31	-13	48	84
		1	.3			DUBUQUE IA					
		1*	1.0			EMMET IA					
1	.6					FAYETTE IA					
		1*	.8			GREENE IA					
				1*	1.4	GRUNDY IA					97
				1	.4	HARDIN IA					86
1*	1.4	1*	1.3			HARRISON IA	-10				
		1*	1.3			HENRY IA					
1*	1.4					HOWARD IA					
1*	1.5	1*	2.6	1*	.5	HUMBOLDT IA	69	-82	-70	07	88
1*	1.0			1*	1.5	IOWA IA			45	77	97
				1*	.5	JACKSON IA					89
1	.5	1	.6			JASPER IA	16				
				2	.7	JOHNSON IA					93
				2*	1.6	JONES IA					97
		1*	1.3			KEOKUK IA					
2*	1.1			1	.4	LEE IA			-66	10	86
2	.4	1	.1	1	.1	LINN IA	-65	-12	-69	07	75
		1*	1.5			LUCAS IA					
1	.7					MAHASKA IA					

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1	.8			1	.5	MARION	IA			-31	34	90
2*	.9	2*	1.0	1	.3	MARSHALL	IA	16	-66	-61	13	85
1*	1.1	1*	.7			O'BRIEN	IA	-40				
		1*	.7			PAGE	IA					
2*	1.4					PLYMOUTH	IA					
1*	1.0					POCAHONTAS	IA					
2	.2	6*	.4	2	.2	POLK	IA	176	-63	1	57	76
		1	.3	2	.3	POTTAWATTAMIE	IA		25			84
				1*	1.1	POWESHIEK	IA					96
				1*	.8	SAC	IA					94
3	.5	1	.1	2	.3	SCOTT	IA	-74	107	-47	23	82
1*	1.6			1*	2.7	TAYLOR	IA			70	83	99
				1*	1.3	UNION	IA					96
1	.4	1	.3			WAPELLO	IA	-19				
				1	.4	WARREN	IA					87
				1	.5	WEBSTER	IA					68
		1	.2	4*	.7	WOODBURY	IA		349			93
1*	1.8					WORTH	IA					
25	.2	17	.1	19	.2	KANSAS	KS	-39	9	-33		
				1*	1.0	ALLEN	KS					95
1*	1.9					ANDERSON	KS					
		1*	1.2			ATCHISON	KS					
		1*	1.6			BARBER	KS					
1	.5					BARTON	KS					
				1	.2	BUTLER	KS					79
				1*	2.3	CLAY	KS					98
		1*	.8			CLOUD	KS					
1	.5	1	.3			COWLEY	KS	-42				
1	.3					CRAWFORD	KS					
1*	.7					DICKINSON	KS					
2*	2.4	1*	.7			ELLIS	KS	-72				
1*	4.2					GRAHAM	KS					
				1*	2.9	GRANT	KS					99
				1*	3.8	GREENWOOD	KS					99
1	.9					HARVEY	KS					
		1*	5.5			HASKELL	KS					
1*	1.9					JEFFERSON	KS					
3*	.8			3	.3	JOHNSON	KS			-66	09	82
1	.5					LEAVENWORTH	KS					
				1	.4	LYON	KS					87
				1*	1.1	MIAMI	KS					96
		1	.4			MONTGOMERY	KS					
				1*	1.6	OSBORNE	KS					97
1	.3	1	.3	1	.3	RENO	KS	9	-27	-21	43	81
				1	.2	SALINE	KS					81
5	.4	5	.3	2	.1	SEDGWICK	KS	-28	-63	-73	04	75
1	.2	2	.2	3	.4	SHAWNEE	KS	39	87	160	94	88
1*	1.9					STAFFORD	KS					
		1*	.8	1*	1.6	WILSON	KS		97			97
3	.4	1	.1			WYANDOTTE	KS	-67				
23	.2	27	.2	37	.2	KENTUCKY	KY	11	21	34		
				1*	1.4	BALLARD	KY					97
				1*	1.4	BATH	KY					97
		2*	2.0			BOONE	KY					
1*	1.2	1*	1.3			BOURBON	KY	6				
		1	.4			BOYD	KY					
				1*	1.5	BRACKEN	KY					97
1*	1.3					BREATHITT	KY					
1*	1.3					BRECKINRIDGE	KY					
				1	1.1	BULLITT	KY					96
1*	.9			1	1.1	CALLOWAY	KY			29	73	96
1	.3					CAMPBELL	KY					
				1*	2.9	CARLISLE	KY					99
		1*	1.6			CARROLL	KY					
2*	3.1					CASEY	KY					
1	.4	1	.5			CHRISTIAN	KY	32				
				1	.8	CLARK	KY					93
		1*	2.5			EDMONSON	KY					
2	.4	1	.2	2	.3	FAYETTE	KY	-60	60	-36	31	81
		1	.6	1	.5	FLOYD	KY		-14			89
1	1.1					FRANKLIN	KY					
1*	1.6					FULTON	KY					
1*	1.8	1*	2.1			GARRARD	KY	14				
				2*	2.4	GRAYSON	KY					99
		1	.6	1	.7	GREENUP	KY		15			92
		1*	3.4			HANCOCK	KY					
		1	.7			HARDIN	KY					
1	.6			1	.4	HOPKINS	KY			-25	39	87
2	.1	6	.2	7	.2	JEFFERSON	KY	194	3	204	97	79
3	.5			3	.5	KENTON	KY			-2	55	88
		1*	.8			KNOX	KY					
				1	.6	LAUREL	KY					90
		1*	1.7	1*	1.6	LEWIS	KY		-9			97
		1*	1.6	1*	1.3	MC CREARY	KY		-20			96
		1*	1.8			MC LEAN	KY					
		2*	2.8			MONTGOMERY	KY					
				1	.7	MUHLENBERG	KY					93
		2*	1.8			NELSON	KY					
1*	2.8					NICHOLAS	KY					
				1*	.9	OLDHAM	KY					94
				1	.7	PERRY	KY					93
2*	.9					PIKE	KY					
				1	.5	PULASKI	KY					88
1*	1.6					RUSSELL	KY					
				1*	1.3	SHELBY	KY					96
				1*	1.7	SIMPSON	KY					98
				1*	1.7	TRIGG	KY					98

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				1	.4	WARREN	KY					87
				2*	2.8	WEBSTER	KY					99
20	.2	19	.2	21	.1	LOUISIANA	LA	-19	-7	-25		
				1	.4	ACADIA	LA					85
				1*	1.4	ASSUMPTION	LA					96
		1	.6	2*	.9	BOSSIER	LA		34			94
2	.3	1	.2	1	.1	CADDO	LA	-47	-34	-65	11	74
1	.2					CALCASIEU	LA					
1	.1	3	.4	1	.1	EAST BATON ROUGE	LA	284	-83	-35	31	74
				1	.9	EVANGELINE	LA					94
2	.3	2	.2	3	.2	JEFFERSON	LA	-47	48	-22	42	81
		1*	.8			JEFFERSON DAVIS	LA					
		2	.6	2	.4	LAFAYETTE	LA		-35			87
		1*	1.7			LA SALLE	LA					
1*	1.3					LINCOLN	LA					
1*	.9			2*	1.8	NATCHITOCHES	LA			88	86	98
3	.2	4	.2	2	.1	OPLEANS	LA	4	-34	-32	34	75
1	.5			2	.4	OUACHITA	LA			-17	45	86
		1	.2			RAPIDES	LA					
		1*	1.4			SABINE	LA					
1*	3.9					ST CHARLES	LA					
1*	.4			1	.4	ST MARY	LA			9	64	87
		1	.5	1	.4	ST TAMMANY	LA		-26			85
3*	1.6			1	.4	TANGIPAHOA	LA			-76	03	86
1*	3.0					TENSAS	LA					
1	.9	1	.7			TERREBONNE	LA	-20				
1	.7					VERMILION	LA					
11	.2	9	.2	11	.2	MAINE	ME	-19	0	-19		
		1	.2	1	.1	ANDROSCOGGIN	ME		-33			75
				1	.2	AROOSTOOK	ME					80
2	.2			1	.0	CUMBERLAND	ME			-77	03	73
1*	1.1	1*	1.0			FRANKLIN	ME	-9				
		3*	.6	2	.4	KENNEBEC	ME		-36			86
2*	.8			1	.3	OXFORD	ME			-59	14	84
1	.2			2	.3	PENOBSCOT	ME			90	87	84
1*	.9	2*	1.4	1	.7	SAGADAHOC	ME	61	-53	-25	39	92
2*	1.0					WASHINGTON	ME					
2	.3	2	.4	2	.3	YORK	ME	23	-32	-16	46	82
25	.2	31	.2	36	.2	MARYLAND	MD	0	2	2		
		1	.2	2	.4	ALLEGANY	MD		96			86
1	.2	1	.1	4	.2	ANNE ARUNDEL	MD	-31	62	11	65	80
3	.1	7	.3	6	.2	BALTIMORE	MD	73	-32	18	68	77
1	.4			1	.2	CARROLL	MD			-52	18	79
				1	.4	CECIL	MD					87
1	.3	1	.3	2	.5	FREDERICK	MD	0	80	81	86	88
1*	1.2					GARRETT	MD					
		1	.6	1	.3	HOWARD	MD		-54			82
3	.2	9*	.4	8	.3	MONTGOMERY	MD	184	-31	96	89	83
3	.2	3	.2	1	.1	PRINCE GEORGE'S	MD	-31	-62	-73	04	74
				1*	1.1	SOMERSET	MD					95
5*	1.1	4*	.7	3	.6	WASHINGTON	MD	-35	-20	-48	22	91
1	.5					WICOMICO	MD					
6	.2	4	.1	6	.3	BALTIMORE CITY	MD	-43	160	49	79	82
56	.2	46	.1	61	.2	MASSACHUSETTS	MA	-24	26	-5		
1	.3			2	.4	BARNSTABLE	MA			45	77	87
2	.2	2	.2	1	.1	BERKSHIRE	MA	-6	-59	-61	12	74
2	.1	1	.0	7	.3	BRISTOL	MA	-66	769	191	96	82
4	.1	8	.2	8	.2	ESSEX	MA	107	-21	64	81	78
2*	.7			1	.3	FRANKLIN	MA			-50	21	84
4	.2	9*	.4	2	.1	HAMPDEN	MA	107	-78	-54	17	74
		1	.2	1	.2	HAMPSHIRE	MA		-7			77
14	.2	6	.1	17	.2	MIDDLESEX	MA	-60	160	3	59	79
8	.3	5	.2	6	.2	NORFOLK	MA	-46	5	-43	25	77
1	.1			4	.2	PLYMOUTH	MA			203	96	79
12	.3	7	.1	7	.2	SUFFOLK	MA	-44	35	-24	41	78
6	.2	7	.2	5	.1	WORCESTER	MA	-5	-39	-42	27	75
61	.2	74	.2	88	.2	MICHIGAN	MI	5	10	16		
				1*	2.8	ALCONA	MI					99
				1*	2.0	ALGER	MI					98
		1	.4	1	.2	ALLEGAN	MI		-37			81
				1*	1.6	ARENAC	MI					97
				1	.5	BARRY	MI					88
1	.2	2	.3	1	.2	BAY	MI	26	-44	-29	35	77
1*	2.5	1*	1.6			BENZIE	MI	-37				
1	.1	1	.2	2	.3	BERRIEN	MI	20	77	111	91	82
				1	.6	BRANCH	MI					91
2	.4	2	.3	5*	.7	CALHOUN	MI	-16	142	103	90	93
		1	.5			CASS	MI					
				2*	1.3	CLARE	MI					96
				1	.4	CLINTON	MI					87
1	.4					DELTA	MI					
1	.7					DICKINSON	MI					
1	.3					EATON	MI					
		1*	1.1			EMMET	MI					
4	.3	1	.1	2	.1	GENESEE	MI	-78	49	-67	08	74
		1*	1.6			GLADWIN	MI					
1	.7	1	.6	1	1.2	GOGEBIC	MI	-20	123	79	86	96
1	.5	1	.5	1	.4	GRAND TRAVERSE	MI	6	-27	-22	42	86
		1	.6			GRATIOT	MI					
				1	.4	HILLSDALE	MI					87
2*	.9	1	.4			HOUGHTON	MI	-53				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1	.5			HURON MI					
4	.5	1	.1	3	.3	INGHAM MI	-77	143	-45	24	81
				1	.5	IONIA MI					89
		2	.3			JACKSON MI					
1	.2					KALAMAZOO MI					
1	.1	3	.1	3	.1	KENT MI	154	1	156	94	76
1*	8.0					KEWEENAW MI					
				1	.4	LAPEER MI					87
1	.3	4*	1.0			LENAWEE MI	198				
1	.5					LIVINGSTON MI					
				1*	2.3	MACKINAC MI					98
2	.2	1	.0	10	.3	MACOMB MI	-82	999	103	89	83
		1*	.6	1	.6	MASON MI		8			91
				1	.3	MIDLAND MI					83
		1*	3.2			MISSAUKEE MI					
1	.3	2	.4			MONROE MI	5				
		1	.6			MONTCALM MI					
1	.1	4*	.5	2	.3	MUSKEGON MI	437	-51	164	94	82
9*	.4	11	.3	8	.2	OAKLAND MI	-13	-41	-49	21	78
				1*	.9	OSCEOLA MI					94
		2	.3	3	.5	OTTAWA MI		34			88
				1*	.8	ROSCOMMON MI					94
2	.3	2	.2	1	.1	SAGINAW MI	-9	-59	-63	12	74
1	.1			2	.3	ST CLAIR MI			93	88	83
1	.5			1	.2	SHIAWASSEE MI			-59	14	78
1	.5					TUSCOLA MI					
				1	.3	VAN BUREN MI					81
				5*	.6	WASHTENAW MI					91
18	.2	22	.2	20	.2	WAYNE MI	24	5	30	74	79
		1*	1.0			WEXFORD MI					
32	.2	32	.2	48	.2	MINNESOTA MN	-17	45	20		
		1	.2	3	.3	ANOKA MN		79			82
2*	1.3					BECKER MN					
		1*	1.0			BELTRAMI MN					
				3*	1.2	BLUE EARTH MN					96
		1	.5			CAPLTON MN					
				1	.5	CLAY MN					89
2*	4.5					CLEARWATER MN					
		1*	5.1			COOK MN					
				1*	.6	COTTONWOOD MN					90
				1	.6	CROW WING MN					92
1	.6			1	.1	DAKOTA MN			-81	01	75
				1*	1.6	DODGE MN					97
1*	1.0					DOUGLAS MN					
				1	.9	FARIBAULT MN					94
		1*	.6			FILLMORE MN					
1	.6					GOODHUE MN					
11	.3	7	.1	15	.3	HENNEPIN MN	-45	141	33	74	84
		1*	.7			HOUSTON MN					
				1*	.8	ISANTI MN					93
1	.6					ITASCA MN					
		1	.5			KANDIYOHI MN					
		1*	1.0			LE SUEUR MN					
				1	.7	LYON MN					93
1*	3.5					MAHNOMEN MN					
		1	.8			MARTIN MN					
		1*	.8			MILLE LACS MN					
				1	.7	MORRISON MN					93
		2*	.9			MOWER MN					
				1*	.7	NICOLLET MN					93
2*	.6					OLMSTED MN					
				1	.2	OTTER TAIL MN					79
				1*	1.2	PINE MN					96
1*	1.5					PIPESTONE MN					
				1	.6	POLK MN					90
1	.0	2	.1	8	.3	RAMSEY MN	56	323	561	99	84
1*	.9			1*	.8	REDWOOD MN			-13	49	93
1*	2.1					ROCK MN					
3	.3	2	.2	2	.1	ST LOUIS MN	-40	-19	-52	19	75
		2*	2.4			SHERBURNE MN					
		2	.3			STEARNS MN					
				1	.3	STEELE MN					85
				1	.7	TODD MN					92
				1*	1.5	TRAVERSE MN					97
		1*	1.2			WASECA MN					
		1*	2.3			WATONWAN MN					
1	.5	3*	1.3			WINONA MN	142				
1	.7					WRIGHT MN					
1*	1.2					YELLOW MEDICINE MN					
11	.2	6	.1	18	.2	MISSISSIPPI MS	-51	154	25		
1*	1.0	1*	.8	1	.8	ALCORN MS	-23	-3	-25	38	93
1*	1.1	1*	2.2			ATTALA MS	98				
1*	2.9					CLAY MS					
		1*	1.0	3*	3.7	COPIAH MS		279			99
				1	.6	FORREST MS					91
		1	.2	2	.3	HARRISON MS		65			85
3*	.7			2	.3	HINDS MS			-58	14	82
2*	1.1					JACKSON MS					
				1	.4	JONES MS					87
1	.3			1	.4	LAUDERDALE MS			20	69	87
				1	.6	LOWNDES MS					92
		1*	.8			PIKE MS					
1*	1.0					RANKIN MS					
				1*	1.7	SUNFLOWER MS					98
				1*	2.1	TATE MS					98
				1*	.9	UNION MS					94
1*	1.0			1	.5	WARREN MS			-46	24	90

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WHITE FEMALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
		1	.7	2*	1.2	WASHINGTON MS		83			96
37	.2	29	.1	35	.1	MISSOURI MO	-26	15	-15		
				1*	1.9	ATCHISON MO					98
1*	1.1					BATES MO					
1	.1			2	.5	BUCHANAN MO			221	97	88
1*	1.3					CARROLL MO					
1*	2.0					CHAPITON MO					
		1*	1.1	1*	.8	CHRISTIAN MO		-30			93
				1*	2.3	CLARK MO					98
2*	.6					CLAY MO					
		1*	1.2			CRAWFORD MO					
				1*	.7	DENT MO					92
				1*	2.0	DOUGLAS MO					98
		1	.4	1	.3	FRANKLIN MO		-21			84
				1*	3.0	GENTRY MO					99
				1	.1	GREENE MO					75
		1*	1.3			GRUNDY MO					
4	.1	4	.1	4	.1	JACKSON MO	4	1	6	62	75
1	.4	1	.3			JEFFERSON MO	-41				
		1	.5			LAWRENCE MO					
1*	1.7	1*	2.1			LEWIS MO	28				
1*	.6					LINN MO					
2*	2.5					LIVINGSTON MO					
		1	.4			MARION MO					
1*	1.6					MONITEAU MO					
1*	1.2					MONROE MO					
		1*	1.8	1*	1.0	OSAGE MO		-46			95
1*	1.2					PERRY MO					
1	.6			1	.3	PETTIS MO			-46	24	84
1*	.8					PHELPS MO					
		1*	1.2	1*	1.1	PAY MO		-12			95
				2	.5	ST CHARLES MO					89
1	.5	1	.6	1	.4	ST FRANCOIS MO	9	-22	-15	47	87
6	.2	5	.1	10	.2	ST LOUIS COUNTY MO	-44	106	15	68	80
		1	.7			SALINE MO					
				1*	2.2	SHANNON MO					98
				1*	1.0	TANEY MO					95
1	.9					VERNON MO					
		1*	4.1			WARREN MO					
9	.2	7	.2	3	.1	ST LOUIS CITY MO	-2	-38	-39	29	76
2	.1	9	.3	3	.1	MONTANA MT	296	-67	32		
		1*	2.2			BEAVERHEAD MT					
1	.3					CASCADE MT					
		1*	1.1	1*	1.2	DEER LODGE MT		7			96
		1*	5.1			FALLON MT					
		1*	1.7			FERGUS MT					
		1	.7			LEWIS AND CLARK MT					
1	.6	1	.5			MISSOULA MT	-19				
		1*	3.5			PONDERA MT					
				1*	1.0	RAVALLI MT					95
				1*	2.3	SANDERS MT					98
		1	.4			SILVER BOW MT					
		1	.3			YELLOWSTONE MT					
13	.2	12	.1	17	.2	NEBRASKA NB	-18	38	14		
1*	1.3	2*	2.6			BURT NB	102				
				1*	1.5	BUTLER NB					97
				1*	1.0	COLFAX NB					95
				1*	.4	DAWSON NB					85
		1*	2.4			DIXON NB					
1	.5			1	.6	DODGE NB			4	61	90
2	.1			7	.4	DOUGLAS NB			201	96	86
1*	26.9					GRANT NB					
1*	1.4					HOLT NB					
3	.4	3	.3	3	.4	LANCASTER NB	-21	29	3	58	86
		1	.7			MADISON NB					
				1*	2.0	MERRICK NB					98
1*	1.0	1*	1.4			OTOE NB	41				
				1	.6	PLATTE NB					91
1*	1.5	1*	.9			SALINE NB	-42				
		1	.4			SARPY NB					
				1*	2.6	SHERIDAN NB					99
1*	3.3					STANTON NB					
		2*	6.4			THURSTON NB					
1*	1.0					YORK NB					
2	.2	7*	.4	5	.2	NEVADA NV	139	-56	4		
1	.4	2	.3	4	.3	CLARK NV	-9	-9	-18	44	83
		1*	14.7			LANDER NV					
		4*	.8	1	.1	WASHOE NV		-85			75
1*	1.5					WHITE PINE NV					
4	.1	5	.1	10	.2	NEW HAMPSHIRE NH	15	63	87		
				1	.6	BELKNAP NH					91
		1	.3	2*	.5	CHESHIRE NH		53			90
				2	.4	GRAFTON NH					87
4	.4	3	.3	4	.3	HILLSBOROUGH NH	-30	20	-16	46	84
		1	.3			MERRIMACK NH					
				1	.3	STRAFFORD NH					81
72*	.3	82*	.2	58	.2	NEW JERSEY NJ	-6	-35	-39		
2	.4			3	.3	ATLANTIC NJ			-9	51	85
6	.2	12	.3	12	.2	BERGEN NJ	82	-20	46	78	80

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WHITE FEMALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
4*	.4	1	.1	1	.1	BURLINGTON NJ	-84	-22	-88	00	73
3	.2	3	.1	6	.3	CAMDEN NJ	-25	86	38	75	82
2*	.9					CAPE MAY NJ					
		2	.3			CUMBERLAND NJ					
9	.2	15*	.4	4	.1	ESSEX NJ	77	-73	-52	19	74
1	.2			2	.2	GLOUCESTER NJ			-2	55	78
9	.3	7	.2	3	.1	HUDSON NJ	-23	-25	-43	26	76
2*	.9	1	.3	1	.3	HUNTERDON NJ	-65	-16	-71	06	81
2	.2	2	.1	1	.1	MERCER NJ	-19	-55	-63	12	74
2	.1	7	.3	3	.1	MIDDLESEX NJ	152	-62	-3	54	74
4	.2	7	.3	3	.1	MONMOUTH NJ	40	-63	-48	22	75
4	.4	5	.3	3	.2	MORRIS NJ	-11	-55	-60	13	76
2	.5	2	.2	2	.1	OCEAN NJ	-59	-38	-74	03	75
8*	.4	5	.2	9*	.4	PASSAIC NJ	-46	64	-11	51	86
		1	.3			SALEM NJ					
3	.4			2	.2	SOMERSET NJ			-47	23	79
1	.5	1	.3			SUSSEX NJ	-36				
7	.3	6	.2	1	.0	UNION NJ	-39	-80	-88	00	73
1	.3	5*	1.4	2	.4	WARREN NJ	328	-70	28	72	87
7	.2	11	.3	8	.2	NEW MEXICO NM	59	-38	-1		
2	.2	3	.3	3	.2	BERNALILLO NM	41	-28	1	57	79
		1	.5	1	.4	CHAVES NM		-20			88
		1	.8			CURRY NM					
1	.3	1	.5	1	.5	EDDY NM	67	-4	60	81	88
1*	1.0					GRANT NM					
		1*	2.6			LINCOLN NM					
		1*	1.0			LOS ALAMOS NM					
		1*	1.0			RIO ARRIBA NM					
		2*	1.0			SAN JUAN NM					
2*	1.2			1	.4	SANTA FE NM			-69	08	85
				1*	.7	SIERRA NM					92
				1*	2.0	TAOS NM					96
1*	.3					VALENCIA NM					
175	.2	191	.2	209*	.2	NEW YORK NY	-3	8	5		
3	.2	2	.1	5	.3	ALBANY NY	-30	109	47	78	83
		1	.5	2*	.6	ALLEGANY NY		25			91
19	.2	11	.1	9	.1	BRONX NY	-39	0	-38	29	76
3	.3	3	.2	4	.3	BROOME NY	-10	28	15	68	84
2	.5	2	.5	1	.2	CATTARAUGUS NY	-5	-53	-55	17	80
1	.2					CAYUGA NY					
1	.1	1	.1			CHAUTAUQUA NY	-27				
1	.2	2	.3	2	.4	CHEMUNG NY	60	6	69	82	85
				1	.4	CHENANGO NY					86
		1	.3	1	.2	CLINTON NY		-38			79
		1	.4			COLUMBIA NY					
		1	.5	1	.3	CORTLAND NY		-30			84
				1	.5	DELAWARE NY					89
1	.1	1	.1			DUTCHESS NY	-10				
9	.2	11	.2	14	.3	ERIE NY	9	33	45	77	81
		1	.6			ESSEX NY					
1	.4					FRANKLIN NY					
		1	.5	1	.2	FULTON NY		-57			79
		1	.6	1	.3	GREENE NY		-48			83
1	.3					HERKIMER NY					
				3*	.6	JEFFERSON NY					90
34	.3	15	.1	20	.2	KINGS(BROOKLYN) NY	-57	47	-37	30	77
2*	.9					LIVINGSTON NY					
		1	.3	1	.3	MADISON NY		-7			84
6	.2	9	.3	9	.3	MONROE NY	35	-8	24	70	81
1	.2	2	.6			MONTGOMERY NY	130				
13	.3	9	.1	17	.2	NASSAU NY	-56	89	-17	45	80
24	.3	32*	.4	26*	.5	NEW YORK(MANHATTAN) NY	45	21	76	85	89
2	.2	2	.2	3	.2	NIAGARA NY	-13	31	13	67	79
4	.3	7*	.5	1	.1	ONEIDA NY	54	-88	-82	01	74
2	.1	4	.2	5	.2	ONONDAGA NY	63	15	88	87	79
1	.3	1	.2			ONTARIO NY	-11				
		1	.1	1	.1	ORANGE NY		8			74
1	.6					ORLEANS NY					
2	.5	2	.4			OSWEGO NY	-10				
2*	.8	1	.4	1	.4	OTSEGO NY	-54	8	-50	20	86
		3*	1.2			PUTNAM NY					
13	.1	24	.2	31*	.3	QUEENS NY	76	18	107	91	82
1	.2	3	.4	1	.2	RENSSELAER NY	103	-64	-27	36	76
2	.2	1	.1	3	.2	RICHMOND NY	-56	80	-21	43	77
		1	.1	3	.5	ROCKLAND NY		87			81
2	.4			1	.2	ST LAWRENCE NY			-50	20	78
		1	.2			SARATOGA NY					
		1*	.8	2*	1.7	SCHOHARIE NY		110			98
1*	1.2					SCHUYLER NY					
1	.3	5*	.9	2	.3	STEUBEN NY	200	-63	10	65	85
1	.1	8	.2	14	.3	SUFFOLK NY	141	24	199	96	81
				3*	1.3	TIOGA NY					96
				4*	.5	ULSTER NY					88
2*	.8	2*	.6	1	.3	WARREN NY	-28	-55	-68	08	82
2	.6	2	.5			WAYNE NY	-19				
11	.3	13	.3	13	.3	WESTCHESTER NY	-2	-10	-12	50	82
1	.5			1	.6	WYOMING NY			29	73	91
2*	1.9	1*	.5			YATES NY	-73				
20	.1	28	.2	35	.2	NORTH CAROLINA NC	20	-1	18		
				1	.2	ALAMANCE NC					78
1*	1.1					ASHE NC					
1	.1	2	.3	3	.4	BUNCOMBE NC	80	35	142	93	85
2*	1.2			1	.3	BURKE NC			-73	05	84
		1	.3			CABARRUS NC					
1	.5					CALDWELL NC					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
				1	.2	CATAWBA	NC					78
				1	.8	CHATHAM	NC					94
1	.9					CRAVEN	NC					
1*	3.5			1*	1.7	DARE	NC			-51	19	97
		2	.5			DAVIDSON	NC					
				1	.6	DUPLIN	NC					91
		1	.2			DURHAM	NC					
		1	.1	1	.1	FORSYTH	NC		-24			74
		1*	1.0			FRANKLIN	NC					
2	.4	2	.3			GASTON	NC	-19				
1*	1.2					GRANVILLE	NC					
		2	.2	2	.1	GUILFORD	NC		-20			76
1	.5					HAYWOOD	NC					
				1	.3	IREDELL	NC					83
		1*	1.2			JACKSON	NC					
				1*	1.3	MADISON	NC					96
2	.2	4	.3	4	.3	MECKLENBURG	NC	94	-10	75	85	83
1	.7					NASH	NC					
1	.3			2	.5	NEW HANOVER	NC			66	82	89
				1	.9	ONSLOW	NC					94
				1*	2.0	PAMLICO	NC					98
				1*	1.5	PENDER	NC					97
				1*	.7	PERSON	NC					92
		1	.6			PITT	NC					
		2*	.6	1	.2	RANDOLPH	NC		-62			81
				1	.5	ROBESON	NC					89
		1	.3			ROCKINGHAM	NC					
		1	.4			RUTHERFORD	NC					
1	.7	1	.6	1	.5	SAMPSON	NC	-8	-20	-27	37	89
1*	1.4	1*	1.8			SCOTLAND	NC	33				
		1	.5			STANLY	NC					
2	.4			1	.1	WAKE	NC			-63	12	75
				4*	1.2	WAYNE	NC					96
		1	.5	1	.4	WILKES	NC		-29			85
1	.4	2*	1.1			WILSON	NC	147				
				1	.7	YADKIN	NC					92
				1*	.9	YANCEY	NC					94
13*	.4	6	.2	7	.2	NORTH DAKOTA	ND	-54	21	-44		
				1*	1.9	BARNES	ND					98
		1*	2.3			BENSON	ND					
1	.5			1	.4	BURLEIGH	ND			-28	36	85
4*	1.3	1	.3			CASS	ND	-75				
1*	3.6					FOSTER	ND					
		1	.5	1	.4	GRAND FORKS	ND		-11			87
		1*	3.2	1*	3.3	MC KENZIE	ND		4			99
1*	1.2					MORTON	ND					
1*	1.6			1*	1.5	RAMSEY	ND			-1	56	97
		1*	3.4			ROLETTE	ND					
		1*	3.0			SARGENT	ND					
1*	7.0					SIOUX	ND					
1*	.8			1	1.0	STUTSMAN	ND			28	72	95
1*	1.8					TRAILL	ND					
2*	1.1					WARD	ND					
				1*	1.0	WILLIAMS	ND					95
103	.2	93	.2	107	.2	OHIO	OH	-22	8	-16		
1	.2	1	.2	1	.2	ALLEN	OH	-24	38	4	61	80
				1	.4	ASHLAND	OH					86
		1	.2	2	.3	ASHTABULA	OH		65			84
2*	1.0	1	.3			ATHENS	OH	-67				
				1	.4	AUGLAIZE	OH					87
		2	.5			BELMONT	OH					
3	.3	2	.2			BUTLER	OH	-28				
		1*	.8			CARROLL	OH					
2	.3	1	.2	1	.1	CLARK	OH	-42	-20	-54	18	76
				1	.2	CLERMONT	OH					77
1	.6	2*	1.3	1	.7	CLINTON	OH	123	-50	10	65	92
		1	.2	1	.2	COLUMBIANA	OH		12			77
2*	.8	2*	.8	1	.4	CRAWFORD	OH	-8	-50	-54	17	86
18	.3	21	.3	21	.3	CUYAHOGA	OH	5	6	12	66	83
		2*	.9			DARKE	OH					
1	.8					DEFIANCE	OH					
		1	.6	1	.5	DELAWARE	OH		-20			88
2*	.6					ERIE	OH					
2*	.8					FAIRFIELD	OH					
		1	.8			FAYETTE	OH					
7	.2	11	.3	10	.3	FRANKLIN	OH	28	-20	3	58	81
1	.6			1	.7	FULTON	OH			4	60	92
1	.6			2	.6	GEAUGA	OH			-9	51	90
				1	.2	GREENE	OH					80
		1	.3			GUERNSEY	OH					
7	.2	5	.1	10	.2	HAMILTON	OH	-35	88	22	70	80
1	.5					HANCOCK	OH					
				2*	1.5	HENRY	OH					97
1	.4			1	.4	HURON	OH			5	62	86
1	.8	1	.7	1	.5	JACKSON	OH	-12	-25	-33	33	90
1	.2	2	.4			JEFFERSON	OH	82				
				1	.6	KNOX	OH					90
1	.2	2	.2	2	.2	LAKE	OH	39	-26	3	59	77
1	.4			1	.4	LAWRENCE	OH			-1	56	86
				3	.5	LICKING	OH					90
2*	.9					LOGAN	OH					
3	.4			2	.2	LORAIN	OH			-58	15	77
5	.2	1	.0	2	.1	LUCAS	OH	-83	103	-65	10	74
				1	.8	MADISON	OH					93
7*	.5	5	.3	2	.1	MAHONING	OH	-27	-63	-73	05	75
1	.3			2	.6	MARION	OH			96	89	91
1	.6			1	.2	MEDINA	OH			-72	05	77

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1*	.8					MEIGS	OH					
2*	1.3					MERCER	OH					
		2	.5	1	.2	MIAMI	OH		-59			80
7	.4	2	.1	4	.1	MONTGOMERY	OH	-79	91	-61	13	76
				1*	1.7	MORGAN	OH					98
1	.3			2	.5	MUSKINGUM	OH			67	82	88
				1	.5	OTTAWA	OH					89
		1	.7			PERRY	OH					
		1	.2			PORTAGE	OH					
				1	.6	PREBLE	OH					91
1	.2					RICHLAND	OH					
1	.4	2*	.7			POSS	OH	52				
2*	.7			2*	.7	SANDUSKY	OH			2	58	92
2	.5					SCIOTO	OH					
		1	.4	2	.6	SENECA	OH		68			91
4	.3	4	.2	6	.3	STARK	OH	-8	31	21	70	83
2	.1	4	.1	5	.2	SUMMIT	OH	53	24	89	87	78
1	.1	3	.3	1	.1	TRUMBULL	OH	235	-69	4	60	74
3*	.7	2	.5			TUSCARAWAS	OH	-33				
		1	.3			WARREN	OH					
		1	.3	1	.3	WASHINGTON	OH		-6			83
		2	.5	1	.2	WAYNE	OH		-59			79
1	.3			2	.4	WOOD	OH			43	76	87
12	.1	19	.2	18	.1	OKLAHOMA	OK	39	-18	14		
		1*	1.9			ALFALFA	OK					
1*	.7					CANADIAN	OK					
1	.6			1	.5	CARTER	OK			-27	37	88
				1*	4.5	CIMARRON	OK					99
		1	.4			CLEVELAND	OK					
1	.5					CREEK	OK					
		2*	.6			GARFIELD	OK					
				1	.4	GARVIN	OK					86
1	.6					GRADY	OK					
		1	.5	1	.4	KAY	OK		-26			86
		1*	.7			LINCOLN	OK					
				1*	1.2	LOGAN	OK					96
1*	3.3					LOVE	OK					
		1*	.8			MC CURTAIN	OK					
		2*	.7	1	.2	MUSKOGEE	OK		-67			80
4	.3	3	.1	3	.1	OKLAHOMA	OK	-55	-24	-66	10	74
		1	1.0			OSAGE	OK					
				1	.5	PITTSBURG	OK					90
		1	.6			PONTOTOC	OK					
1	.5					POTTAWATOMIE	OK					
				2*	1.4	ROGERS	OK					96
		1	.4	1	.5	STEPHENS	OK		20			90
2	.2	4	.2	4	.2	TULSA	OK	56	-12	37	75	79
				1	.4	WASHINGTON	OK					87
17	.2	22	.2	30	.2	OREGON	OR	6	9	15		
		1	.6			BENTON	OR					
1	.2	3	.4	2	.2	CLACKAMAS	OR	109	-47	11	66	79
				1	.8	CLATSOP	OR					93
		2*	1.6	1	.6	COLUMBIA	OR		-58			92
				1	.4	COOS	OR					86
		1	.8			DESCHUTES	OR					
				1*	1.1	HOOD RIVER	OR					96
		1	.2	2	.3	JACKSON	OR		53			84
1	.8			1	.5	JOSEPHINE	OR			-32	33	89
1*	3.6					LAKE	OR					
		2	.2			LANE	OR					
		1	.3	2	.5	LINN	OR		57			88
1	.2	1	.2	4	.4	MARION	OR	-6	154	140	93	86
8	.3	6	.2	5	.1	MULTNOMAH	OR	-23	-45	-57	15	75
1	.8			1	.5	POLK	OR			-41	27	88
				1*	.9	TILLAMOOK	OR					95
		1	.4			UMATILLA	OR					
1*	.9					UNION	OR					
3*	.7	3	.5	6*	.6	WASHINGTON	OR	-30	25	-13	49	92
				2*	.9	YAMHILL	OR					95
122	.2	86	.1	92	.1	PENNSYLVANIA	PA	-37	5	-34		
19	.3	11	.1	12	.2	ALLEGHENY	PA	-50	18	-42	27	76
1	.2	3*	.7	2	.4	ARMSTRONG	PA	185	-39	73	83	87
3	.3	2	.2	4	.3	BEAVER	PA	-29	50	6	63	84
1	.5			1	.4	BEDFORD	PA			-17	45	87
1	.1	3	.2	4	.3	BERKS	PA	79	34	139	93	81
1	.1	1	.1			BLAIR	PA	-4				
2	.2	2	.1	4	.2	BUCKS	PA	-52	122	7	63	78
1	.2			1	.2	BUTLER	PA			-2	55	76
1	.1			1	.1	CAMBRIA	PA			48	79	75
		1	.3			CARBON	PA					
2*	.7					CENTRE	PA					
2	.2	1	.1			CHESTER	PA	-67				
		1	.4			CLARION	PA					
1	.2			2	.4	CLEARFIELD	PA			75	84	85
1	.5					CLINTON	PA					
1	.2	1	.2	2	.2	CUMBERLAND	PA	-31	53	6	62	80
3	.3			1	.1	DAUPHIN	PA			-72	05	74
5	.2	4	.1	5	.2	DELAWARE	PA	-44	78	-1	56	79
3	.3			2	.1	ERIE	PA			-54	17	76
4	.5			2	.2	FAYETTE	PA			-58	15	78
1	.3	1	.2	1	.2	FRANKLIN	PA	-18	-8	-24	40	78
1	.5	1	.6			GREENE	PA	17				
		1	.3			INDIANA	PA					
1	.3					JEFFERSON	PA					
3	.2	2	.1			LACKAWANNA	PA	-31				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	.1	1	.1	2	.1	LANCASTER PA	-8	69	74	84	75
2	.3					LAWRENCE PA					
		1	.2	2	.3	LEBANON PA		85			84
2	.2	3	.2	2	.1	LEHIGH PA	27	-39	-23	41	75
5	.2	2	.1	2	.1	LUZERNE PA	-64	-4	-65	10	74
2	.4	2	.3	1	.2	LYCOMING PA	-1	-56	-57	16	76
3*	1.1					MC KEAN PA					
1	.2	1	.1			MERCER PA	-23				
1	.4					MIFFLIN PA					
		1	.4			MONROE PA					
3	.1	6	.2	5	.1	MONTGOMERY PA	78	-23	38	75	76
1*	.7					MONTOUR PA					
3	.3	2	.2	2	.2	NORTHAMPTON PA	-42	5	-39	29	77
				1	.1	NORTHUMBERLAND PA					75
				2*	1.3	PERRY PA					96
23	.3	18	.2	18	.3	PHILADELPHIA PA	-25	35	2	58	82
		1*	2.0			PIKE PA					
4	.4	1	.1	2	.2	SCHUYLKILL PA	-77	138	-46	24	79
		1	.2	1	.2	SOMERSET PA		1			79
		2*	1.1			SUSQUEHANNA PA					
1	.5					TIOGA PA					
1*	.7	1	.6			UNION PA	-8				
3*	.8					VENANGO PA					
		1	.4			WARREN PA					
2	.2	2	.2			WASHINGTON PA	23				
1	.5					WAYNE PA					
2	.1	3	.1	4	.2	WESTMORELAND PA	26	15	45	77	77
		1*	1.0			WYOMING PA					
3	.3	1	.1	4	.2	YORK PA	-68	187	-7	52	80
7	.2	5	.1	9	.2	RHODE ISLAND RI	-37	54	-2		
				2*	.7	BRISTOL RI					93
		1	.1	1	.1	KENT RI		-16			75
		1	.3			NEWPORT RI					
7	.2	3	.1	6	.1	PROVIDENCE RI	-59	58	-35	31	76
13	.2	7	.1	11	.1	SOUTH CAROLINA SC	-52	22	-42		
				1*	.8	ABBEVILLE SC					94
		3*	.7	1	.2	ANDERSON SC		-76			77
2*	4.0					BAMBERG SC					
2*	3.0					BARNWELL SC					
2	.4	1	.1			CHARLESTON SC	-69				
1*	1.2					CHESTER SC					
1*	.9					CHESTERFIELD SC					
				1	.5	DARLINGTON SC					89
1	.1	1	.1			GREENVILLE SC	-28				
		1*	3.9			JASPER SC					
				2*	1.1	LANCASTER SC					96
				1	.4	LAURENS SC					86
1	.7	1	.3	1	.2	LEXINGTON SC	-54	-53	-79	02	76
1	.7					ORANGEBURG SC					
1	.2					RICHLAND SC					
1	.2			2	.2	SPARTANBURG SC			11	65	78
				1	.6	SUMTER SC					91
				1*	1.3	WILLIAMSBURG SC					96
4	.1	4	.1	5	.1	SOUTH DAKOTA SD	-22	25	-2		
1*	2.1					BON HOMME SD					
				3*	1.4	BROWN SD					97
1*	2.5					CLAY SD					
		1*	1.0			CODINGTON SD					
		1*	1.3			LAKE SD					
				1*	1.0	LAWRENCE SD					95
1*	2.9					MC PHERSON SD					
		1*	1.8			MEADE SD					
				1	.2	MINNEHAHA SD					80
		1	.4			PENNINGTON SD					
1*	18.0					ZIEBACH SD					
23	.2	29	.2	35	.2	TENNESSEE TN	11	0	11		
				1	.4	BEDFORD TN					87
1	.8					CAMPBELL TN					
				1	.5	CARROLL TN					89
		1*	2.7			CLAY TN					
2	.1	9*	.5	7	.3	DAVIDSON TN	285	-29	172	95	85
				1*	.9	DE KALB TN					95
1	.4					GIBSON TN					
				1*	1.1	GRAINGER TN					95
1	.4			1	.4	GREENE TN			5	61	87
2	.2			2	.1	HAMILTON TN			-35	32	76
				1*	1.0	HENDERSON TN					95
1*	1.4					HICKMAN TN					
6*	.5	1	.1	3	.2	KNOX TN	-84	152	-61	13	78
		1	.7			LAWRENCE TN					
		1	.5			MC MINN TN					
		3*	1.6			MONTGOMERY TN					
				1	.7	OBION TN					93
		1*	1.7			POLK TN					
				1	.6	PUTNAM TN					91
1	.7					ROANE TN					
		1*	.7			ROBERTSON TN					
		1	.4	1	.3	RUTHERFORD TN		-20			85
1*	1.6			2*	2.5	SCOTT TN			57	80	99
		1	.7			SEVIER TN					
6	.3	8	.4	5	.2	SHELBY TN	12	-46	-40	28	79
1	.1			3	.4	SULLIVAN TN			204	97	87
				1	.3	SUMNER TN					85

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE 1950-1959		1960-1969		CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS 1970-1979		COUNTY AND STATE	PERCENT CHANGE			ICD 164.0,194 PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		1	.3			WASHINGTON TN					
				1	.6	WEAKLEY TN					90
				1	.5	WILLIAMSON TN					89
				1	.4	WILSON TN					86
57	.2	79	.2	97	.2	TEXAS TX	14	4	19		
				1	.9	ANDERSON TX					95
		1	.5			ANGELINA TX					
1*	4.3					APCHER TX					
		1*	1.6			AUSTIN TX					
		1*	2.1			BAYLOR TX					
		1*	.8			BEE TX					
2	.5	2	.6			BELL TX	5				
3	.1	5	.1	5	.1	BEXAP TX	19	-5	12	66	75
		3*	1.0			BOWIE TX					
1	.5	1	.2			BPAZORIA TX	-67				
				1*	2.3	BROOKS TX					98
		1*	2.8			CALLAHAN TX					
		1	.2			CAMERON TX					
1*	4.0					CARSON TX					
				1*	2.7	CASTRO TX					99
				1	.5	CHEROKEE TX					89
1*	2.2					COCHRAN TX					
				1*	3.0	COKE TX					99
				1*	.7	COLEMAN TX					92
				1	.2	COLLIN TX					77
				1	1.0	COOKE TX					95
1*	2.3					CROSBY TX					
		1*	9.1			CULBERSON TX					
6	.2	10	.2	10	.2	DALLAS TX	15	-15	-3	54	77
		2*	.9	2	.5	DENTON TX		-47			88
				1*	.5	DE WITT TX					88
		1*	3.3			DICKENS TX					
		1*	1.4			DUVAL TX					
1	.5	1	.2			ECTOR TX	-66				
				1	.3	ELLIS TX					83
2	.1			3	.2	EL PASO TX			62	81	80
				1	.3	FANNIN TX					84
1*	2.2	1*	2.2			FISHER TX	4				
		1	.5			FORT BEND TX					
1	.2	1	.1	4*	.5	GALVESTON TX	-29	278	170	95	90
				3*	.7	GRAYSON TX					92
		1	.3			GREGG TX					
		2*	1.4			HALE TX					
5	.1	8	.1	17	.2	HARRIS TX	15	69	94	88	81
		1	.6			HARRISON TX					
1	.2	3	.5			HIDALGO TX	114				
1	.8					HILL TX					
1	.4					HUTCHINSON TX					
1	.1			3	.3	JEFFERSON TX			119	92	83
		1	.5	1	.6	JIM WELLS TX		31			91
1	.6					JOHNSON TX					
1*	1.1					JONES TX					
1*	1.4			2*	2.0	KARNES TX			47	78	98
1*	1.2					KERR TX					
1	.4	1	.7			LAMAR TX	55				
1*	.8			1*	.9	LAVACA TX			21	69	95
				1*	3.2	LLANO TX					99
2	.4			4*	.5	LUBBOCK TX			25	71	90
1	.2			1	.1	MC LENNAN TX			-15	47	76
				1	.7	MATAGORDA TX					92
1*	1.0			1*	.7	MAVERICK TX			-30	35	92
				1*	1.0	MEDINA TX					95
		1	.3			MIDLAND TX					
				1*	2.3	MILLS TX					99
				1*	1.1	MITCHELL TX					96
		1*	1.5			MONTAGUE TX					
1*	.9	1	1.0			NACOGDOCHES TX	8				
				1*	.8	NOLAN TX					93
		3	.3	2	.2	NUECES TX		-37			78
				1*	2.2	OCHILTREE TX					98
		1	.5			ORANGE TX					
1*	2.1					PECOS TX					
				1*	.8	POLK TX					93
		2	.4	2	.5	POTTER TX		22			88
		1	.5			RANDALL TX					
				1*	.9	RUNNELS TX					94
1	.6					RUSK TX					
		1*	2.1			SABINE TX					
1*	2.6					SAN AUGUSTINE TX					
1*	.6	2*	2.4	1*	1.2	SCURRY TX	281	-50	89	87	96
1*	2.4					SHELBY TX					
1	.3					SMITH TX					
		1*	1.9			SWISHER TX					
4	.2	5	.2	4	.1	TARRANT TX	-25	-24	-43	26	75
1	.2	1	.2			TAYLOR TX	1				
1*	2.5					TERRY TX					
		2	.5	1	.2	TOM GREEN TX		-56			79
3	.3			3	.2	TRAVIS TX			-31	34	80
		1*	1.6			VAN ZANDT TX					
				1	.4	VICTORIA TX					87
		1*	.7			WASHINGTON TX					
		1	.4	2	.5	WEBB TX		28			89
				1	.9	WHARTON TX					94
1	.2	1	.2	1	.2	WICHITA TX	34	0	34	75	78
				1	.2	WILLIAMSON TX					81
				1*	.9	WILSON TX					94
6	.2	10	.3	12	.2	UTAH UT	38	-22	8		

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1*	1.3			1	.8	BOX ELDER UT			-44	25	93
				1	.5	CACHE UT					89
				1*	.9	CARBON UT					95
		1	.3			DAVIS UT					
		1*	3.8			EMERY UT					
2	.1	6	.3	4	.1	SALT LAKE UT	207	-63	14	67	75
2	.7			1	.0	UTAH UT			-93	00	73
1	.2	2	.4	4*	.6	WEBER UT	78	51	169	94	92
2	.1	4	.2	5	.2	VERMONT VT	84	3	90		
				2*	1.0	BENNINGTON VT					95
		2*	1.7			CALEDONIA VT					
1	.3	2	.5	1	.2	CHITTENDEN VT	75	-56	-23	41	81
				2*	1.4	ORANGE VT					97
1	.4					WASHINGTON VT					
20	.1	28	.2	41	.2	VIRGINIA VA	17	18	38		
		2*	1.3			ALLEGHANY#VA					
2	.2	1	.1	3	.3	ARLINGTON#VA	-53	209	44	76	83
1	.2	1	.2			BEDFORD#VA	-22				
1	.3					BUCHANAN VA					
4	.4	3	.2	4	.3	CHESTERFIELD#VA	-44	40	-22	41	84
2*	.7	2*	.6	1	.2	DINWIDDIE#VA	-17	-64	-71	06	79
2	.2	1	.0	6	.2	FAIRFAX#VA	-79	328	-11	50	78
				1	.7	FAUQUIER VA					92
		1*	.8			FRANKLIN VA					
				1*	2.3	GREENSVILLE#VA					98
				1	.5	HANOVER VA					89
		3	.4	1	.1	HENRICO VA		-72			75
		1	.4	1	.3	HENRY#VA		-30			83
		1	.6	2*	.7	JAMES CITY#VA		24			93
		1*	.8			LOUDOUN VA					
1*	1.0					MECKLENBURG VA					
1	.7	1	.5			MONTGOMERY#VA	-27				
		1*	1.5			NOTTOWAY VA					
1	.2	1	.2			PITTSYLVANIA#VA	22				
				1*	3.3	POWHATAN VA					99
		1	.7			PRINCE WILLIAM#VA					
				1	.5	PULASKI VA					90
		1*	3.8	1*	4.2	RAPPAHANNOCK VA		12			99
		1	.1	2	.2	ROANOKE#VA		44			77
				2	.5	ROCKINGHAM#VA					89
				1	.8	RUSSELL VA					93
				2*	1.5	SCOTT VA					97
		1*	1.0			SHENANDOAH VA					
				1	.6	SMYTH VA					90
				1*	4.2	SURRY VA					99
		1*	1.3			WARREN VA					
1	.4					WASHINGTON#VA					
				2*	.8	WISE#VA					94
3	.2	2	.1	5	.2	CHESAPEAKE CITY#VA	-45	82	-1	57	80
		1	.3			NEWPORT NEWS CITY VA					
1*	1.0			1	.7	SUFFOLK CITY VA			-34	32	92
21	.2	35	.2	35	.2	WASHINGTON WA	36	-17	13		
		1*	1.5			ADAMS WA					
1*	1.3					ASOTIN WA					
		1	.3			BENTON WA					
1	.5	1	.4			CHELAN WA	-11				
1	.2					CLAPK WA					
				1	.3	COWLITZ WA					83
		1	.4			GRANT WA					
5	.1	12	.2	13	.2	KING WA	78	-3	73	84	80
1	.2	1	.2	2	.4	KITSAP WA	5	66	73	84	86
		1*	1.6			KLICKITAT WA					
				1	.3	LEWIS WA					82
				1	.9	OKANOGAN WA					94
3	.2	6	.4	3	.2	PIERCE WA	49	-57	-36	31	76
				2	.1	SNOHOMISH WA					75
4	.3	3	.2	3	.2	SPOKANE WA	-38	-9	-43	25	77
		1	.3	3*	.5	THURSTON WA		76			89
		2*	.9	2*	.8	WALLA WALLA WA		-8			94
1	.3	2	.5	3*	.7	WHATCOM WA	68	51	153	93	92
				1	.8	WHITMAN WA					94
4*	.7	3	.4			YAKIMA WA	-41				
14	.1	23	.2	20	.2	WEST VIRGINIA WV	67	-18	38		
				1	.4	BERKELEY WV					87
1	.5	1	.6	1	.8	BROOKE WV	3	45	49	79	94
2	.3	3	.5	3	.6	CABELL WV	46	39	103	90	92
		1	.3	1	.3	FAYETTE WV		-13			83
1	.2	2	.6			HARRISON WV	135				
				1*	.8	JEFFERSON WV					94
3	.2	6*	.5	3	.2	KANAWHA WV	153	-54	17	68	80
1	.2	1	.5			LOGAN WV	175				
				1	.5	MC DOWELL WV					88
1	.3	1	.3	1	.3	MARION WV	-13	20	4	60	84
				1	.5	MARSHALL WV					88
		1*	.9			MASON WV					
				1	.2	MERCER WV					80
2*	2.0			1	.6	MINERAL WV			-71	06	91
				1	.6	MINGO WV					91
		1	.2	1	.2	OHIO WV		-21			78
				1	.5	PRESTON WV					90
1	.3					RALEIGH WV					
		1	.8			RANDOLPH WV					
		1*	1.3			SUMMERS WV					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1*	1.0			UPSHUR	WV					
1	.4					WAYNE	WV					
		1*	.9			WETZEL	WV					
				1*	4.5	WIRT	WV					99
1	.2	1	.2	1	.2	WOOD	WV	-3	-23	-25	39	78
		1	1.0			WYOMING	WV					
40	.2	54	.3	69*	.3	WISCONSIN	WI	20	15	38		
1*	2.1					ADAMS	WI					
				1	.4	BARRON	WI					86
1	.1	1	.2	2	.3	BROWN	WI	34	64	121	92	82
		1	.6			CHIPPEWA	WI					
				1	.4	COLUMBIA	WI					88
1	.1	2	.2	2	.1	DANE	WI	54	-32	5	62	75
		1	.4	1	.3	DOUGLAS	WI		-23			83
1	.3			2	.6	EAU CLAIRE	WI			106	90	92
1	1.1	1	.7	1	.3	GREEN	WI	-36	-52	-69	08	84
		1*	.9			IOWA	WI					
		1*	1.2			JACKSON	WI					
1	.6			2	.5	JEFFERSON	WI			-4	53	90
		1	.2	3	.5	KENOSHA	WI		175			88
		1*	.9	1*	.9	KEWAUNEE	WI		7			95
				3*	.6	LA CROSSE	WI					91
		1*	.7			LAFAYETTE	WI					
				1*	.6	LANGLADE	WI					91
		2	.4	2	.4	MANITOWOC	WI		-12			85
				1	.4	MARINETTE	WI					87
1*	2.3					MARQUETTE	WI					
		1	.4			MENOMINEE#	WI					
20*	.4	19*	.4	20*	.4	MILWAUKEE	WI	-12	6	-7	52	86
		3*	1.7	1	.6	MONROE	WI		-64			91
				1	.6	ONEIDA	WI					91
		1	.2	1	.1	OUTAGAMIE	WI		-29			76
				1	.4	OZAUKEE	WI					85
		2*	1.7			PIERCE	WI					
				2*	1.3	POLK	WI					96
				2*	1.0	PORTAGE	WI					95
3	.4	3	.4	3	.4	RACINE	WI	-19	4	-16	46	86
1*	1.1	1*	.9			RICHLAND	WI	-17				
3*	.6			2	.3	ROCK	WI			-54	18	82
		2*	1.3			ST CROIX	WI					
1	.5					SAUK	WI					
		1	.3	1	.1	SHEBOYGAN	WI		-55			75
		1*	1.4	1*	.9	TAYLOR	WI		-34			94
		1*	.8			TREMPEALEAU	WI					
				1*	.8	VILAS	WI					94
1	.4			1	.3	WALWORTH	WI			-28	36	82
		1	.3			WASHINGTON	WI					
2	.2	3	.3	2	.2	WAUKESHA	WI	33	-43	-24	40	77
		1	.5	1	.2	WAUPACA	WI		-66			78
				1*	1.4	WAUSHARA	WI					97
		1	.2	5*	.8	WINNEBAGO	WI		386			93
2*	.6					WOOD	WI					
5	.3	2	.1	2	.1	WYOMING	WY	-65	-14	-70		
2*	6.0					CONVERSE	WY					
1	.5			1	.3	LARAMIE	WY			-45	25	82
		2*	.7	1	.5	NATRONA	WY		-39			88
1*	1.1					PARK-TETON#	WY					
1*	1.6					WASHAKIE	WY					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE MALE 1950-1959		1960-1969		CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS 1970-1979		COUNTY AND STATE	PERCENT CHANGE			ICD 164.0,194 PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
175	.2	207	.2	261	.2	UNITED STATES	0	-3	-3		
1	.0	4	.1	5	.1	ALABAMA AL	203	33	302		
				1*	1.2	DALLAS AL					98
		2	.2			JEFFERSON AL					
				1*	.8	MACON AL					97
1	.5			2	.5	MOBILE AL			-5	57	97
		1*	3.9			SUMTER AL					
				1	.9	TUSCALOOSA AL					97
		1*	3.1			WALKER AL					
				1	.4	ALASKA AK					
1	.2	1	.2	2	.4	ARIZONA AZ	-9	68	52		
				2*	6.4	COCONINO AZ					99
1	.8					MARICOPA AZ					
		1*	2.5			PINAL AZ					
		1	.0	3	.2	ARKANSAS AR		294			
		1*	3.2			ARKANSAS AR					
				1*	2.9	ASHLEY AR					99
				1*	1.3	CRITTENDEN AR					98
				1*	3.0	DREW AR					99
15	.4	23*	.3	23	.1	CALIFORNIA CA	-3	-57	-59		
1	.5	2	.3			ALAMEDA CA	-45				
1	1.0	4*	3.4			CONTRA COSTA CA	260				
				1	.3	FRESNO CA					96
3	.1	7	.2	11	.1	LOS ANGELES CA	103	-33	36	71	95
		1*	5.9			MADERA CA					
1*	1.8	1*	1.1	1	1.0	MONTEREY CA	-40	-4	-43	40	98
				1	.1	RIVERSIDE CA					95
				1	.1	SACRAMENTO CA					95
				1	.1	SAN BERNARDINO CA					95
3*	2.3	4*	1.9	2	.5	SAN DIEGO CA	-17	-74	-78	07	97
4*	.7	3	.4	4	.4	SAN FRANCISCO CA	-36	-16	-46	35	96
		1	.4	1	.4	SAN JOAQUIN CA		-6			96
2*	3.3					SANTA CLARA CA					
		1	.3			COLORADO CO					
		1*	6.3			PUEBLO CO					
1	.4	1	.1	1	.1	CONNECTICUT CT	-73	3	-72		
1*	1.4					FAIRFIELD CT					
		1	.3			HARTFORD CT					
				1	.4	NEW HAVEN CT					96
2*	.7			1	.3	DELAWARE DE			-58		
2*	1.2			1	.5	NEW CASTLE DE			-61	23	97
9*	.6	6	.3	9*	.4	DIST. OF COLUMBIA DC	-56	35	-41		
9*	.6	6	.3	9*	.4	WASHINGTON DC	-56	35	-41	42	96
6	.2	9	.2	16	.3	FLORIDA FL	30	33	73		
1	.6			3*	.6	BROWARD FL			3	64	97
		2	.2	3	.3	DADE FL		28			96
		2	.4	1	.2	DUVAL FL		-63			95
2*	1.5	1	.6	1	.6	ESCAMBIA FL	-62	13	-57	30	97
1*	11.9					HERNANDO FL					
1	.4			4*	1.4	HILLSBOROUGH FL			224	90	98
				2*	2.0	LEON FL					98
		1*	4.4			MADISON FL					
1*	1.5	1*	1.4			MARION FL	-8				
				2*	.7	ORANGE FL					97
		1	.4			PALM BEACH FL					
		1*	1.4			PUTNAM FL					
5	.1	6	.1	9	.2	GEORGIA GA	35	25	68		
		1*	19.6			BACON GA					
		1*	1.8			BALDWIN GA					
		1	.5			CHATHAM GA					
				1	.4	DE KALB GA					96
1*	5.0					DODGE GA					
1*	1.9					DOOLY GA					
				2*	1.6	DOUGHERTY GA					98
1	.2	1	.1	3	.3	FULTON GA	-24	126	71	76	96
		1*	1.9	1*	1.3	GLYNN GA		-29			98
		1*	2.5			GREENE GA					
1*	1.8					HENRY GA					
				1*	3.5	PEACH GA					99
				1	.5	RICHMOND GA					97
1*	2.8					WARE GA					
		8	.3	8	.3	HAWAII HI		-12			
		1	.4			HAWAII HI					
		7*	.4	8	.4	HONOLULU HI		7			96

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE 1950-1959		1960-1969		CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS 1970-1979		COUNTY AND STATE	PERCENT CHANGE			ICD 164.0.194 PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
14	.4	15	.3	18	.3	ILLINOIS IL	-19	-9	-26		
14*	.5	15	.4	18	.4	COOK IL	-23	-9	-30	47	96
2	.2	8*	.5	4	.2	INDIANA IN	226	-58	37		
				1*	1.1	ALLEN IN					98
		1*	7.3			CLARK IN					
1	.3	3*	.6	1	.2	LAKE IN	112	-67	-31	45	95
1	.2	5	.5	1	.2	MARION IN	135	-69	-28	50	95
		1*	1.4			ST JOSEPH IN					
				1*	1.5	VANDERBURGH IN					98
		1	.8	2*	.9	IOWA IA		9			
				1*	4.2	BLACK HAWK IA					99
		1*	2.1			POLK IA					
				1*	13.2	WEBSTER IA					99
1	.2			1	.2	KANSAS KS			-14		
1*	49.7					HARVEY KS					
				1	.6	WYANDOTTE KS					97
1	.1	1	.1	3	.3	KENTUCKY KY	20	192	249		
1	.3	1	.3	2	.5	JEFFERSON KY	0	78	79	78	97
				1*	16.6	MASON KY					99
6	.1	11	.3	6	.1	LOUISIANA LA	78	-45	-2		
1*	1.4	1*	1.3			BOSSIER LA	-10				
		2	.7	1	.3	CADDO LA		-61			96
1*	.6	2*	1.6	1	.8	CALCASIEU LA	161	-48	37	73	97
		1*	2.2			EAST CARROLL LA					
		1*	2.4			FRANKLIN LA					
				1	.3	JEFFERSON LA					96
				1*	1.3	LAFAYETTE LA					98
2	.2	1	.1	2	.2	ORLEANS LA	-71	290	15	66	96
1	1.1					OUACHITA LA					
		1*	2.8			POINTE COUPEE LA					
		1	.7			RAPIDES LA					
1	1.0					ST LANDRY LA					
		1*	3.8			VERMILION LA					
4	.2	6	.2	7	.2	MARYLAND MD	15	3	19		
		1	.8			ANNE ARUNDEL MD					
				1	1.0	BALTIMORE MD					98
				1*	3.5	FREDERICK MD					99
1*	1.3					MONTGOMERY MD					
		3*	.8			PRINCE GEORGE'S MD					
				1*	1.4	WICOMICO MD					98
3	.2	2	.1	4	.3	BALTIMORE CITY MD	-49	98	1	61	96
2	.4	1	.2	2	.2	MASSACHUSETTS MA	-43	-8	-47		
				1	.6	HAMPDEN MA					97
2*	.8	1	.4	1	.3	SUFFOLK MA	-48	-19	-58	28	96
4	.1	10	.3	8	.2	MICHIGAN MI	176	-41	62		
				1	.3	GENESEE MI					96
1*	2.1					JACKSON MI					
				1*	.9	KENT MI					97
1*	2.7					MACOMB MI					
		1*	1.4			SAGINAW MI					
1*	.9	1*	1.0			WASHTENAW MI	14				
1	.0	8	.3	6	.2	WAYNE MI	802	-40	437	95	96
7	.2	7	.2	3	.1	MISSISSIPPI MS	26	-58	-47		
				1*	1.6	ADAMS MS					98
1*	1.6					AMITE MS					
		1	.4			BOLIVAR MS					
1*	3.1					CLAIBORNE MS					
		1*	2.1			FORREST MS					
		1*	1.4			HOLMES MS					
		1*	3.4			JEFFERSON DAVIS MS					
1*	.8					LAUDERDALE MS					
		1*	9.2			LAWRENCE MS					
				1*	1.0	LEFLORE MS					98
1*	.6					LOWNDES MS					
				1*	1.4	MADISON MS					98
1*	4.3					NEWTON MS					
		1*	3.4			NOXUBEE MS					
		1*	1.3			RANKIN MS					
1*	3.3					TATE MS					
1*	.9					WARREN MS					
6	.4	4	.2	5	.2	MISSOURI MO	-46	22	-34		
		1*	49.4			CLINTON MO					
3*	.9			1	.2	JACKSON MO			-74	11	96
1*	2.9					PEMISCOT MO					
		1	1.2			ST LOUIS COUNTY MO					
2	.2	2	.2	4	.5	ST LOUIS CITY MO	-20	139	92	80	97
				1	.3	MONTANA MT					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
				1*	3.5	GLACIER	MT					99
2*	1.6			1	.5	NEBRASKA	NB			-71		
2*	2.1			1	.7	DOUGLAS	NB			-69	16	97
7	.4	4	.2	7	.2	NEW JERSEY	NJ	-49	-19	-59		
2*	1.6	1	.7			ATLANTIC	NJ	-53				
1	.1	1	.2	4	.3	ESSEX	NJ	20	82	119	88	96
2*	1.1	1	.5	1	.2	HUDSON	NJ	-53	-60	-81	02	96
1	.7			1	.4	MERCER	NJ			-45	38	96
				1	.6	PASSAIC	NJ					97
		1*	8.6			SOMERSET	NJ					
1	1.0					UNION	NJ					
				2	.3	NEW MEXICO	NM					
				1	.6	BERNALILLO	NM					97
				1*	.5	MC KINLEY	NM					97
20*	.4	15	.2	23	.2	NEW YORK	NY	-48	12	-42		
1	.1	1	.1	5	.4	BRONX	NY	-51	608	243	92	96
		1*	2.2			DUTCHESS	NY					
1	.5			2	.5	ERIE	NY			-2	59	97
6*	.4	1	.1	5	.2	KINGS(BROOKLYN)	NY	-80	109	-59	26	95
				1	1.3	MONROE	NY					98
10*	.6	11*	.5	7	.3	NEW YORK(MANHATTAN)	NY	-9	-44	-49	33	96
		1*	2.5			ORANGE	NY					
2	.6			2	.1	QUEENS	NY			-76	09	95
				1*	1.7	ROCKLAND	NY					98
5	.1	4	.1	8	.1	NORTH CAROLINA	NC	-31	37	-5		
1*	19.3					CAMDEN	NC					
1*	6.1					CHOWAN	NC					
				1*	1.7	DAVIDSON	NC					98
1*	1.5					DUPLIN	NC					
		1	.6			DURHAM	NC					
1	.8					FORSYTH	NC					
1	.4			1	.7	GUILFORD	NC			95	85	97
		1	.3	4*	.8	MECKLENBURG	NC		152			97
				1*	.9	NEW HANOVER	NC					97
				1*	1.3	ONSLOW	NC					98
		1*	1.0			PITT	NC					
		1	.7			WAKE	NC					
		1*	3.5			NORTH DAKOTA	ND					
		1*	6.7			ROLETTE	ND					
10	.3	10	.3	9	.2	OHIO	OH	-18	-26	-39		
		1*	2.5			BUTLER	OH					
4	.4	3	.3			CUYAHOGA	OH	-24				
		2	.5	2	.3	FRANKLIN	OH		-42			96
1*	4.6					GREENE	OH					
4*	.9	1	.1	1	.2	HAMILTON	OH	-84	27	-80	04	95
		1	.5	2*	.8	LUCAS	OH		77			97
1	.6					MAHONING	OH					
		1	.3	2	.4	MONTGOMERY	OH		56			96
		1*	3.5			RICHLAND	OH					
				2*	1.0	SUMMIT	OH					98
1	.1	5	.5	2	.1	OKLAHOMA	OK	742	-75	110		
		1*	132.6			BECKHAM	OK					
				1*	3.5	CPEEK	OK					99
				1*	4.6	LE FLORE	OK					99
1*	1.8					MC CURTAIN	OK					
		2*	1.0			OKLAHOMA	OK					
		1	.8			TULSA	OK					
		1*	8.1			WASHINGTON	OK					
2*	2.0	1	.5	2	.6	OREGON	OR	-73	2	-72		
2*	3.3	1	.8	2*	1.1	MULTNOMAH	OR	-75	39	-66	19	98
11	.3	14	.3	16	.3	PENNSYLVANIA	PA	2	0	2		
		4*	.6	2	.3	ALLEGHENY	PA		-52			96
1*	15.1					ARMSTRONG	PA					
1*	.9	1*	1.1			CHESTER	PA	20				
				1	.8	DAUPHIN	PA					97
				2*	6.7	ERIE	PA					99
1*	1.9			1*	3.8	FAYETTE	PA			94	83	99
				1*	5.9	NORTHAMPTON	PA					99
8	.4	9	.4	9	.3	PHILADELPHIA	PA	-22	-7	-27	52	96
		1*	1.4			RHODE ISLAND	RI					
		1*	1.9			PROVIDENCE	RI					
7	.2	6	.2	4	.1	SOUTH CAROLINA	SC	2	-39	-38		
1*	1.1					AIKEN	SC					
2*	2.0					ANDERSON	SC					
		1	.3			CHARLESTON	SC					
		1*	2.8			CHESTERFIELD	SC					
		1*	1.8			CLARENDON	SC					

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PEPCENTILE %CHANGE RATES 70S/50S	PEPCENTILE %CHANGE RATES 1970S
				1*	2.0	DORCHESTER SC					98
				1*	1.6	FAIRFIELD SC					98
		1*	1.7			GEORGETOWN SC					
1	.8					GREENVILLE SC					
				1*	1.8	GREENWOOD SC					98
				1*	1.5	HORRY SC					98
1*	1.8					LANCASTER SC					
		1*	2.7			NEWBERRY SC					
2*	1.0					ORANGEBURG SC					
		1	.3			RICHLAND SC					
1*	1.8	1	1.1			SOUTH DAKOTA SD	-36				
		1*	21.5			CHARLES MIX SD					
1*	112.4					DAY SD					
10	.4	5	.2	13*	.5	TENNESSEE TN	-49	147	26		
				1*	34.1	CHEATHAM TN					99
1	.2			5*	1.4	DAVIDSON TN			516	97	98
		1*	12.6			FRANKLIN TN					
1*	12.5					HAMBLEN TN					
1	.4	1	.5	1	.5	HAMILTON TN	14	4	19	69	97
				1*	8.1	HENRY TN					99
1*	1.1					KNOX TN					
				1*	13.5	MC NAIRY TN					99
		1*	.6			MADISON TN					
1*	2.4					MAURY TN					
		1*	2.6			MONTGOMERY TN					
		1*	30.1	1*	24.8	PUTNAM TN		-18			99
1*	3.4					RUTHERFORD TN					
4	.4			2	.2	SHELBY TN			-62	21	95
				1*	6.8	WASHINGTON TN					99
5	.1	5	.1	13	.2	TEXAS TX	-15	97	68		
1*	3.2					ANGELINA TX					
		1	.3	1	.2	BEXAR TX		-45			95
				1*	1.5	BOWIE TX					98
				1*	3.3	BRAZOS TX					99
		2	.3	3	.3	DALLAS TX		9			96
1*	182.2					DONLEY TX					
1*	4.2					FREESTONE TX					
2	.2			4	.2	HARRIS TX			-10	54	96
				1*	1.2	HARRISON TX					98
				1	.4	JEFFERSON TX					96
		1*	2.0			LUBBOCK TX					
				1	.8	MC LENNAN TX					97
		1*	2.9			ROBERTSON TX					
				1	1.3	UTAH UT					
				1*	24.4	DAVIS UT					99
4	.1	7	.2	16*	.4	VIRGINIA VA	77	106	265		
1*	2.5					ARLINGTON#VA					
1*	1.4					BRUNSWICK VA					
				1	.2	CHESTERFIELD#VA					95
1	.4	1	.5			DINWIDDIE#VA	15				
				2*	.5	FAIRFAX#VA					97
				1*	4.0	FRANKLIN VA					99
				1*	1.4	HALIFAX#VA					98
		1*	3.3			HANOVER VA					
				2*	2.7	HENRY#VA					99
				1*	8.3	KING GEORGE VA					99
				1*	4.0	LUNENBURG VA					99
		1*	4.3			PRINCE EDWARD VA					
				1*	2.3	PRINCE WILLIAM#VA					98
				1*	8.3	RICHMOND VA					99
		1*	1.0			ROANOKE#VA					
1*	2.1					SOUTHAMPTON#VA					
				1*	2.4	SUSSEX VA					98
		2	.3	3	.5	CHESAPEAKE CITY#VA		74			97
				1	.7	HAMPTON CITY VA					97
		1*	1.2			SUFFOLK CITY VA					
1	.4	1	.2	1	.2	WASHINGTON WA	-54	-1	-55		
				1*	13.2	FRANKLIN WA					99
1	.6	1	.3			KING WA	-51				
1	.2	2	.4	1	.2	WEST VIRGINIA WV	143	-38	51		
		1*	3.7			CABELL WV					
		1*	1.3			KANAWHA WV					
1*	1.1					MC DOWELL WV					
				1*	2.7	MERCER WV					99
1	.5	1	.3	4*	.5	WISCONSIN WI	-30	49	5		
				1*	4.0	DANE WI					99
				1*	12.3	KENOSHA WI					99
1	.8			2	.2	MILWAUKEE WI			-70	14	96
		1*	7.0			RACINE WI					

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NON-WHITE FEMALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE RATES 70S/50S	1970S
122	.1	152	.1	185	.1	UNITED STATES	-3	-11	-13		
7	.2	4	.1	7	.1	ALABAMA AL	-35	44	-7		
1*	2.5			1*	2.1	BALDWIN AL			-15	64	99
		1*	1.5			CALHOUN AL					
				1*	.5	DALLAS AL					98
		1*	2.2			ELMORE AL					
				1*	1.4	HALE AL					99
3	.3	1	.1	3	.2	JEFFERSON AL	-65	165	-8	76	97
1*	.8					MACON AL					
1	.2			1	.2	MOBILE AL			-13	67	97
1	.4	1	.3			MONTGOMERY AL	-7				
		2*	1.7			ALASKA AK					
2	.1			4	.2	ARKANSAS AR			115		
				1*	4.4	DALLAS AR					99
1	.5					JEFFERSON AR					
				1*	5.5	LONOKE AR					99
				1*	1.8	MILLER AR					99
1*	1.6			1*	1.8	UNION AR			14	85	99
8	.2	15	.2	15	.1	CALIFORNIA CA	23	-51	-40		
1	.1	2	.2	1	.1	ALAMEDA CA	37	-68	-56	29	96
		1*	.8			FRESNO CA					
3	.1	4	.1	8	.1	LOS ANGELES CA	4	15	19	88	96
		1*	6.5			MARIN CA					
1*	5.7					MERCED CA					
		1*	.9	1	.4	MONTEREY CA		-52			97
		1	.3			SACRAMENTO CA					
1*	1.6	1*	1.3			SAN BERNARDINO CA	-17				
1*	.5	1	.5	1	.1	SAN DIEGO CA	4	-84	-84	14	96
		1	.1	3	.2	SAN FRANCISCO CA		132			97
				1	.2	SAN JOAQUIN CA					97
1*	2.1	1*	1.0			SAN MATEO CA	-51				
		1*	.6			SANTA CLARA CA					
				1	.1	COLORADO CO					
				1	.2	DENVER-ARAPAHOE#CO					96
		2	.4	1	.0	CONNECTICUT CT		-90			
		1	.6	1	.1	FAIRFIELD CT		-78			96
		1*	5.6			NEW LONDON CT					
				2*	.5	DELAWARE DE					
				2*	.8	NEW CASTLE DE					98
3	.2	2	.1	5	.2	DIST. OF COLUMBIA DC	-51	65	-19		
3	.2	2	.1	5	.2	WASHINGTON DC	-51	65	-19	55	97
6	.2	3	.1	11	.2	FLORIDA FL	-65	145	-14		
				1*	1.1	BAY FL					98
		1	.2	2	.2	DADE FL		7			97
3*	.7			1	.1	DUVAL FL			-82	17	96
		1	.7	1	.5	ESCAMBIA FL		-24			98
1	.4			1	.3	HILLSBOROUGH FL			-36	47	97
				1*	.8	LEON FL					98
1*	1.6			1*	1.2	MARION FL			-26	50	98
				1*	4.6	MONROE FL					99
				1	.2	PALM BEACH FL					97
1*	.8					PINELLAS FL					
		1*	.6			POLK FL					
				1*	1.0	SEMINOLE FL					98
6	.1	7	.1	5	.1	GEORGIA GA	16	-48	-40		
1*	8.4					APPLING GA					
1	.3					CHATHAM GA					
				1*	12.7	CHATTOOGA GA					99
		1*	7.3			CLAY GA					
		1*	4.0			COLUMBIA GA					
1	.1	2	.2	1	.1	FULTON GA	110	-71	-38	44	96
		1*	2.1			GLYNN GA					
				1*	3.8	HART GA					99
		1*	1.2			JEFFERSON GA					
				1*	1.4	LAURENS GA					98
		1	.5	1	.4	MUSCOGEE#GA		-15			97
1*	8.7					ROCKDALE GA					
1*	2.2					WASHINGTON GA					
1*	9.0					WHITFIELD GA					
		4	.2	3	.1	HAWAII HI		-31			
				1	.4	HAWAII HI					97
		3	.2	2	.1	HONOLULU HI		-40			96
		1*	.5			MAUI#HI					
8	.2	11	.2	18*	.2	ILLINOIS IL	-21	33	5		
7	.2	9	.2	16*	.2	COOK IL	-28	44	4	79	97

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
				1*	1.7	KANKAKEE IL					99
1*	2.0					MADISON IL					
				1*	10.7	STEPHENSON IL					99
		2*	4.2			WILL IL					
1	.1	3	.2	3	.1	INDIANA IN	233	-28	140		
1	.2	1	.4	1	.1	LAKE IN	135	-68	-26	52	96
		1	.1	2	.3	MAPION IN		123			97
		1*	1.8			VANDERBURGH IN					
1	.2	1	.2			KANSAS KS	-10				
1*	2.1					SHAWNEE KS					
		1	.6			WYANDOTTE KS					
2	.2	3	.3	2	.2	KENTUCKY KY	40	-35	-9		
1*	1.9					CHRISTIAN KY					
		1*	.9	1*	.7	FAYETTE KY		-15			98
1	.2	1	.2	1	.2	JEFFERSON KY	-21	6	-16	58	97
		1*	7.5			TODD KY					
3	.1	9	.2	4	.1	LOUISIANA LA	124	-68	-28		
2*	.8	1	.3	1	.2	CADDO LA	-68	-35	-79	20	96
		1*	1.7			CLAIBORNE LA					
		1	.2			EAST BATON POUGE LA					
		1*	2.4			MADISON LA					
1	.1	3	.2	2	.1	OPLEANS LA	149	-41	47	94	96
		1*	1.4			ST MARY LA					
				1*	2.1	WEST BATON ROUGE LA					99
		1*	5.1			WEST FELICIANA LA					
3	.1	4	.2	8	.2	MARYLAND MD	29	13	46		
		1*	13.2			ALLEGANY MD					
		1*	1.3	1*	.4	BALTIMOPE MD		-66			98
				1*	6.5	CAPROLL MD					99
		1*	.7	1	.4	MONTGOMERY MD		-39			98
		1*	3.2			SOMERSET MD					
				1*	3.3	TALBOT MD					99
3	.2			4	.2	BALTIMORE CITY MD			-16	61	97
2	.4	3*	.4	2	.2	MASSACHUSETTS MA	1	-47	-46		
1*	7.4					BARNSTABLE MA					
1*	3.2					HAMPDEN MA					
		1*	28.8			HAMPSHIRE MA					
		1*	3.7			PLYMOUTH MA					
		1	.3	2	.4	SUFFOLK MA		35			97
3	.1	2	.0	5	.1	MICHIGAN MI	-46	85	-1		
				1*	.5	KENT MI					98
3	.1	2	.1	4	.1	WAYNE MI	-46	65	-11	70	96
				1	.4	MINNESOTA MN					
				1*	.8	HENNEPIN MN					98
4	.1	3	.1	6	.1	MISSISSIPPI MS	9	73	88		.
1*	2.2	1*	2.9			GRENADA MS	32				
		1*	1.3			HARPISON MS					
		1	.3	1	.1	HINDS MS		-44			96
				1*	1.6	MONPOE MS					99
				1*	2.8	OKTIBBEHA MS					99
1*	1.4					RANKIN MS					
				1*	.9	WARREN MS					98
1	.4			1	.7	WASHINGTON MS			70	97	98
1*	1.7					WAYNE MS					
				1*	1.4	YAZOO MS					99
4	.2	4	.2	4	.2	MISSOURI MO	-12	-11	-21		
		1	.2	2	.4	JACKSON MO		61			97
1*	.8					ST LOUIS COUNTY MO					
3	.3	3	.3	2	.2	ST LOUIS CITY MO	-25	-36	-52	32	96
1*	1.9			1*	.5	MONTANA MT			-74		
1*	12.0					GLACIER MT					
				1*	14.2	MISSOULA MT					99
1*	1.7					NEVADA NV					
1*	8.6					WASHOE NV					
4	.3	2	.0	8	.2	NEW JERSEY NJ	-87	363	-40		
				1	.5	ATLANTIC NJ					98
				1	.3	BERGEN NJ					97
2	.4	1	.1	1	.1	ESSEX NJ	-87	27	-84	11	96
1*	2.2					MIDDLESEX NJ					
				1	.4	MONMOUTH NJ					97
		1*	1.5			MOPRIS NJ					
1*	16.7			1*	1.3	OCEAN NJ			-92	02	98
				1	.7	PASSAIC NJ					98
				2*	.5	UNION NJ					98

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		1	.3			NEW MEXICO	NM					
		1*	14.4			DONA ANA	NM					
12	.2	16	.2	18	.1	NEW YORK	NY	-26	-21	-41		
		5*	.5	2	.1	BRONX	NY		-78			96
1	.4	1	.2			ERIE	NY	-51				
5*	.4	2	.1	5	.1	KINGS(BROOKLYN)	NY	-63	74	-70	23	96
		1*	.3			MONROE	NY					
				1	.1	NASSAU	NY					96
6	.3	5	.2	5	.2	NEW YORK(MANHATTAN)	NY	-37	-5	-41	41	97
				1*	1.7	NIAGARA	NY					99
				1*	1.1	ONONDAGA	NY					98
		1	.1	2	.1	QUEENS	NY		93			96
		1	.2	1	.2	WESTCHESTER	NY		-29			96
6	.1	5	.1	6	.1	NORTH CAROLINA	NC	-10	-4	-14		
		1*	3.2			CATAWBA	NC					
				1*	4.0	CHOWAN	NC					99
		1*	.8	1	.3	CUMBERLAND	NC		-67			97
		1*	3.0			DAVIDSON	NC					
				1*	1.8	DUPLIN	NC					99
				2*	1.0	DURHAM	NC					98
2*	.8					FORSYTH	NC					
2*	.9	1	.8			GUILFORD	NC	-18				
1*	2.2					IREDELL	NC					
				1*	2.6	PERSON	NC					99
1*	14.9					POLK	NC					
		1	.6			WAKE	NC					
11*	.4	7	.2	8	.2	OHIO	OH	-34	-30	-54		
1*	1.8					BUTLER	OH					
1*	7.2					COLUMBIANA	OH					
4*	.4	1	.1	2	.1	CUYAHOGA	OH	-76	30	-68	26	96
3*	.7	3*	.6	3*	.4	HAMILTON	OH	-17	-34	-46	38	97
				1*	3.4	JEFFERSON	OH					99
1*	.7					LUCAS	OH					
		1	.6			MAHONING	OH					
1	.3	1	.4			MONTGOMERY	OH	19				
				1*	6.8	ROSS	OH					99
		1	1.1	1	.3	SUMMIT	OH		-70			97
1	.1	1	.1	4	.2	OKLAHOMA	OK	9	150	173		
				1*	2.3	CHEROKEE	OK					99
1	.4			1	.3	OKLAHOMA	OK			-9	73	97
		1*	17.0			PAYNE	OK					
				2*	.6	TULSA	OK					98
8	.2	11	.2	4	.1	PENNSYLVANIA	PA	16	-71	-66		
1	.2	1	.1	2	.2	ALLEGHENY	PA	-36	67	7	82	97
		1*	1.1			DAUPHIN	PA					
				1	.4	DELAWARE	PA					98
1*	16.6					LUZERNE	PA					
		1*	3.1			MERCER	PA					
6	.3	8	.3	1	.0	PHILADELPHIA	PA	8	-89	-88	05	96
				1*	1.0	RHODE ISLAND	RI					
				1*	1.2	PROVIDENCE	RI					98
1	.0	1	.0	6	.1	SOUTH CAROLINA	SC	-28	339	217		
				1*	.8	ANDERSON	SC					98
				3*	.7	CHARLESTON	SC					98
1*	2.1					CLARENDON	SC					
				1*	1.1	HORRY	SC					98
				1	.6	ORANGEBURG	SC					98
		1*	4.8			PICKENS	SC					
		1*	.9			SOUTH DAKOTA	SD					
		1*	45.4			FALL RIVER	SD					
2	.1	7	.2	5	.1	TENNESSEE	TN	256	-32	143		
		2*	.5			DAVIDSON	TN					
				1*	1.3	FAYETTE	TN					98
1*	.7					HAYWOOD	TN					
1*	.9	1*	.7			KNOX	TN	-25				
		4	.3	4	.3	SHELBY	TN		-8			97
5	.1	10	.2	10	.1	TEXAS	TX	54	-32	5		
				1*	3.2	ANDERSON	TX					99
		1*	1.2			BELL	TX					
				1	.2	BEXAR	TX					97
				1*	2.2	CAMERON	TX					99
1	.3	1	.2	2	.1	DALLAS	TX	-41	-13	-49	35	96
		1*	1.5			ELLIS	TX					
		1*	1.3			GREGG	TX					
1	.1	3	.3	1	.0	HARRIS	TX	72	-93	-88	08	96
				1*	2.6	JASPER	TX					99
				1	.3	JEFFERSON	TX					97
		1*	1.0			LUBBOCK	TX					
2*	1.7					MC LENNAN	TX					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — CANCER OF THYMUS AND OTHER ENDOCRINE GLANDS — ICD 164.0,194

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1*	2.1			1*	2.7	RUSK TX			31	91	99
		2*	.6	1	.2	TARRANT TX		-75			96
3	.1	5	.1	4	.1	VIRGINIA VA	30	-31	-10		
1*	4.7					AMHERST VA					
		2	.4			CHESTERFIELD#VA					
				1	.7	FAIRFAX#VA					98
		1*	4.1			FAUQUIER VA					
1*	4.0					LOUISA VA					
		1*	7.6			MIDDLESEX VA					
				1*	.6	PITTSYLVANIA#VA					98
1*	3.5					PRINCE EDWARD VA					
				2	.3	CHESAPEAKE CITY#VA					97
		1*	1.3			HAMPTON CITY VA					
2*	.7	2	.5	1	.1	WASHINGTON WA	-24	-89	-92		
		1*	25.9			CLARK WA					
		1	.6	1	.1	KING WA		-76			96
1*	16.6					OKANOGAN WA					
1*	2.2					PIERCE WA					
2	.5					WEST VIRGINIA WV					
1*	3.2					CABELL WV					
1*	4.3					FAYETTE WV					
		1	.1	2	.2	WISCONSIN WI		83			
				1*	6.0	KENOSHA WI					99
		1	.2	1	.2	MILWAUKEE WI		12			97

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
30115	4.4	43363	5.6	52358	6.0	UNITED STATES	27	8	38		
306	3.3	541	5.2	727	5.9	ALABAMA AL	56	14	77		
3	6.2	2	4.7	1	.7	AUTAUGA AL	-24	-85	-89	00	07
4	2.4	18	8.7	24	7.8	BALDWIN AL	265	-10	229	89	82
2	3.6	7*	13.1	7	9.6	BARBOUR AL	263	-27	165	82	91
1	2.0	1	1.7	3	5.6	BIBB AL	-16	240	184	84	52
6	5.0	5	3.7	9	5.5	BLOUNT AL	-27	50	10	32	50
1	5.0	3*	19.9			BULLOCK AL	300				
		2	2.8	4	4.8	BUTLER AL		75			39
8	2.9	25	7.8	22	6.0	CALHOUN AL	167	-24	105	72	58
4	3.1	3	2.1	6	4.5	CHAMBERS AL	-31	108	43	51	34
4	5.4	3	3.8	6	7.3	CHEROKEE AL	-31	94	34	46	77
2	1.7	5	4.7	5	4.2	CHILTON AL	178	-12	146	79	30
1	2.3	1	2.3	1	1.8	CHOCTAW AL	-1	-21	-22	15	10
2	3.2	4	5.2	4	5.0	CLARKE AL	65	-4	58	58	42
				2	2.7	CLAY AL					15
		1	2.1			CLEBURNE AL					
2	2.1	2	2.5	7	5.2	COFFEE AL	17	110	145	79	45
5	3.6	11	6.7	19*	9.1	COLBERT AL	84	36	150	80	89
3	6.4	1	1.7	1	2.0	CONECUH AL	-74	19	-69	02	11
2	5.0	1	2.2	3	6.3	COOSA AL	-55	181	27	42	63
4	2.6	9	5.5	7	3.9	COVINGTON AL	113	-29	52	55	27
1	1.6	2	4.9	3	4.9	CRENSHAW AL	199	1	201	87	40
5	2.4	8	3.6	18	6.0	CULLMAN AL	49	70	153	61	59
2	2.9	5	5.3	4	2.4	DALE AL	81	-54	-17	18	13
6	8.7	6	5.8	7	6.8	DALLAS AL	-34	18	-21	16	71
1	.7	9	4.7	18	7.1	DE KALB AL	579	53	942	99	76
4	4.0	4	3.3	5	3.6	ELMORE AL	-18	8	-12	21	23
7	7.6	5	4.9	10	9.2	ESCAMBIA AL	-36	88	20	37	90
13	4.2	20	5.7	22	5.6	ETOWAH AL	37	-2	34	46	51
2	3.0	3	4.2	5	5.2	FAYETTE AL	38	24	71	63	44
2	1.4	10	9.1	13	10.2	FRANKLIN AL	527	12	602	98	93
1	1.1	2	2.1	5	4.3	GENEVA AL	101	102	305	93	32
		1	11.2	1	5.7	GREENE AL		-49			53
		2	7.6	2	5.6	HALE AL		-26			52
2	4.2			2	3.7	HENRY AL			-11	21	24
4	2.0	5	2.8	16	7.4	HOUSTON AL	41	164	272	91	78
10	6.3	11	6.9	11	6.2	JACKSON AL	9	-9	-1	27	62
66	4.4	127*	7.0	157*	8.0	JEFFERSON AL	61	13	82	67	83
1	1.5	4	6.3	3	4.2	LAMAR AL	310	-32	177	84	31
8	3.3	13	5.8	21	7.2	LAUDERDALE AL	76	23	116	75	76
1	1.2	4	3.5	4	3.6	LAWRENCE AL	186	1	190	85	23
2	2.1	3	3.6	2	1.9	LEE AL	70	-48	-11	21	11
2	1.9	5	4.0	4	2.3	LIMESTONE AL	113	-44	20	37	12
		1	4.3			LOWNDES AL					
				2	8.3	MACON AL					85
8	3.5	11	3.0	36	5.9	MADISON AL	-15	97	68	62	56
		3	6.9	3	5.3	MARENGO AL		-23			46
5	4.8	3	2.6	3	2.2	MARION AL	-46	-17	-55	04	12
3	1.4	11	5.0	18	6.5	MARSHALL AL	264	29	371	95	66
34	4.9	44	5.4	64	6.6	MOBILE AL	10	22	35	47	68
1	1.7	4	7.5	1	1.8	MONROE AL	337	-76	3	29	10
9	2.7	22	5.4	27	5.7	MONTGOMERY AL	101	6	114	75	54
12	6.4	12	5.1	13	3.8	MORGAN AL	-20	-26	-41	08	25
1	3.5	1	2.7	5*	14.7	PERRY AL	-23	446	318	94	98
		2	3.9	1	1.4	PICKENS AL		-64			08
2	2.7	3	4.1	4	4.8	PIKE AL	53	17	79	66	38
2	2.4	4	4.9	1	1.0	RANDOLPH AL	108	-79	-56	04	08
2	2.5	6	6.5	2	1.8	RUSSELL AL	157	-73	-30	12	10
		4	3.6	7	4.9	ST CLAIR AL		36			39
1	.9	7	5.3	11	6.5	SHELBY AL	461	22	586	98	67
		2	6.8	1	3.9	SUMTER AL		-43			27
8	4.5	11	5.7	12	5.0	TALLADEGA AL	27	-13	11	33	42
1	.7	9	7.4	6	3.6	TALLAPOOSA AL	956	-51	418	96	23
10	2.9	13	3.9	16	3.7	TUSCALOOSA AL	33	-4	28	43	25
8	3.7	11	4.6	18	6.3	WALKER AL	24	36	70	62	63
		1	2.2	4	7.3	WASHINGTON AL		235			77
1	4.2	1	4.1	1	3.5	WILCOX AL	-3	-13	-15	19	23
4	5.6	2	2.6	7	7.4	WINSTON AL	-53	183	33	46	78
		16	3.2	23	3.6	ALASKA AK		14			
138	3.6	323	5.4	541	5.7	ARIZONA AZ	51	6	61		
2	8.1	3	12.0	2	4.3	APACHE AZ	49	-64	-47	06	31
3	1.6	6	3.0	9	2.9	COCHISE AZ	87	-3	81	66	16
3	3.2	7	6.2	6	4.7	COCONINO AZ	97	-24	49	53	37
5	5.1	7	6.6	8	5.3	GILA AZ	31	-20	4	29	47
		3	5.4	4	5.0	GRAHAM AZ		-9			41
5*	8.1			1	1.8	GREENLEE AZ			-77	01	10
70	3.4	188	5.6	329	6.1	MARICOPA AZ	64	9	78	66	60
3	8.6	4	4.6	16	6.2	MOHAVE AZ	-47	36	-28	13	61
2	3.7	3	4.4	2	1.8	NAVAJO AZ	18	-59	-52	05	10
27	3.5	70	5.5	102	5.3	PIMA AZ	59	-3	54	56	47
6	2.9	12	5.9	21	6.6	PINAL AZ	106	12	132	77	69
		2	3.3	7	10.5	SANTA CRUZ AZ		216			94
9	6.7	9	4.1	21	6.4	YAVAPAI AZ	-38	55	-4	25	65
3	3.9	9	4.2	13	3.7	YUMA AZ	8	-11	-4	25	24
207	2.9	340	4.4	474	5.1	ARKANSAS AR	51	15	73		
2	2.2	2	2.1	3	2.7	ARKANSAS AR	-4	28	23	40	15
		5	6.0	7	7.2	ASHLEY AR		20			77
1	1.9	6	6.7	21*	8.7	BAXTER AR	248	30	352	94	87
9	3.8	11	4.0	13	3.4	BENTON AR	6	-15	-10	22	22

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
										%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
2	2.0	7	7.1	9	6.2	BOONE AR	251	-12	209	87	62
2	3.7	2	3.5	3	5.6	BRADLEY AR	-7	62	51	55	52
1	3.5	3	11.4	3	10.3	CALHOUN AR	224	-10	192	86	93
2	2.9	4	3.8	4	5.2	CARROLL AR	32	36	80	66	45
1	2.2			1	2.3	CHICOT AR			4	29	12
6	7.5	6	7.3	4	4.6	CLARK AR	-2	-37	-38	09	36
1	.5	3	2.5	6	4.7	CLAY AR	380	85	790	99	37
1	1.8	2	3.4	6	5.5	CLEBURNE AR	86	64	205	87	50
		2	5.8	1	2.0	CLEVELAND AR		-65			11
2	2.3	2	2.3	2	1.9	COLUMBIA AR	-2	-17	-18	17	11
3	4.8	3	4.4	6	7.8	CONWAY AR	-7	75	63	60	81
7	3.6	9	4.1	9	3.5	CRAIGHEAD AR	15	-15	-2	26	23
1	.9	9	7.2	7	4.7	CRAWFORD AR	713	-35	425	96	37
3	5.6	3	3.7	2	1.4	CRITTENDEN AR	-33	-63	-75	01	08
3	4.8	4	5.7	5	6.6	CROSS AR	18	15	36	47	68
		1	3.3	6*	12.7	DALLAS AR		286			97
1	1.9			2	3.8	DESHA AR			106	73	26
4	7.9	2	3.9	3	4.9	DREW AR	-51	25	-39	09	39
3	2.8	7	5.9	9	5.7	FAULKNER AR	112	-2	107	73	54
		1	1.2	3	4.0	FRANKLIN AR		245			28
2	4.6	4	13.3	2	2.5	FULTON AR	188	-81	-45	07	14
10	3.9	31*	10.5	14	3.1	GARLAND AR	165	-70	-21	16	18
		5	10.5	3	5.0	GRANT AR		-52			42
1	.9	5	3.6	9	6.2	GREENE AR	314	74	620	98	62
2	2.1	3	3.9	4	3.8	HEMPSTEAD AR	85	-1	83	67	26
3	2.7	4	4.0	9	7.5	HOT SPRING AR	47	87	174	83	79
1	1.5	1	2.3	6	9.8	HOWARD AR	49	328	537	97	92
4	3.5	5	3.7	8	6.0	INDEPENDENCE AR	5	63	70	62	58
3	8.3	1	2.2	4	4.8	IZARD AR	-74	121	-42	08	38
2	2.2	2	2.2	6	6.2	JACKSON AR	1	178	182	84	61
4	1.9	8	3.6	11	4.6	JEFFERSON AR	89	27	140	79	35
3	3.4	2	3.2	3	3.8	JOHNSON AR	-6	19	12	34	26
3	8.3			3	9.5	LAFAYETTE AR			15	35	91
2	2.3			6	6.0	LAWRENCE AR			165	82	58
1	2.0	2	5.1	2	5.5	LEE AR	148	9	170	83	50
1	3.2			5	12.1	LINCOLN AR			276	92	96
				1	1.7	LITTLE RIVER AR					09
4	3.8	5	4.5	4	3.5	LOGAN AR	16	-21	-8	23	22
3	3.0	5	4.7	9	7.1	LONOKE AR	56	49	133	78	75
3	5.2	1	1.4	2	2.5	MADISON AR	-73	82	-51	05	14
		2	3.8	2	2.3	MARION AR		-40			12
3	3.4	10	7.8	14	10.1	MILLER AR	133	29	201	87	93
5	2.4	8	4.0	8	4.0	MISSISSIPPI AR	67	2	69	62	28
2	4.3	1	2.1	2	4.1	MONROE AR	-51	98	-4	25	29
2	5.0	3	9.0			MONTGOMERY AR	79				
2	4.2	2	4.0	4	7.9	NEVADA AR	-6	99	87	68	82
1	1.9			2	5.2	NEWTON AR			166	82	45
3	3.2	6	6.0	6	5.5	OUACHITA AR	89	-9	72	63	50
1	3.7			1	2.3	PERRY AR			-39	09	12
2	2.3	6	7.4	3	3.8	PHILLIPS AR	219	-48	65	61	26
		4	8.4			PIKE AR					
3	2.8	3	2.5	7	5.5	POINSETT AR	-9	117	97	71	50
1	1.4	2	1.9	3	3.0	POLK AR	39	55	116	75	17
2	1.9	8	6.6	3	1.9	POPE AR	239	-71	-1	27	11
		1	2.0	5	12.0	PRAIRIE AR		497			96
29	3.8	41	4.6	49	4.8	PULASKI AR	20	4	25	40	38
3	3.5			5	5.1	RANDOLPH AR			45	52	43
		1	1.2	1	1.3	ST FRANCIS AR		10			08
3	2.2	4	2.7	11	6.0	SALINE AR	25	119	174	83	58
		1	1.8	2	2.8	SCOTT AR		57			16
3	6.6	2	3.5	1	1.6	SEARCY AR	-46	-55	-76	01	09
7	2.5	7	2.2	33*	8.6	SEBASTIAN AR	-13	294	244	90	87
1	1.5	2	3.2	5	7.5	SEVIER AR	111	138	401	96	79
		2	3.7	7	9.2	SHARP AR		151			90
		3	6.3	4	8.6	STONE AR		38			87
12	7.8	16*	9.3	7	3.5	UNION AR	20	-62	-55	04	22
		2	4.6	3	3.5	VAN BUREN AR		-24			22
7	2.7	17	5.1	17	4.2	WASHINGTON AR	87	-17	55	57	31
6	4.1	6	3.1	15	6.6	WHITE AR	-24	111	60	59	69
1	2.0	1	2.2	2	5.0	WOODRUFF AR	12	124	149	80	42
1	1.4	1	1.1	6	5.4	YELL AR	-16	373	299	93	49
2703*	4.8	4268*	6.0	5396*	6.5	CALIFORNIA CA	25	8	36		
156	4.6	241*	6.6	259*	7.2	ALAMEDA CA	44	9	56	58	76
2	3.3	7	11.2	4	4.0	AMADOR CA	237	-64	22	39	28
18	4.3	32	6.1	37	5.6	BUTTE CA	44	-10	30	43	51
4	5.9	1	1.0	7	7.7	CALAVERAS CA	-84	688	30	44	81
4	6.3	4	6.2	3	4.8	COLUSA CA	-1	-22	-23	15	39
59	4.7	98	5.6	159	7.3	CONTRA COSTA CA	19	29	54	57	77
4	8.9	3	4.9	1	1.1	DEL NORTE CA	-44	-77	-87	00	08
3	2.5	4	1.8	19	6.4	EL DORADO CA	-28	253	153	81	64
77*	5.8	85	5.4	86	5.0	FRESNO CA	-7	-8	-14	19	42
5	6.5	7	7.2	9	8.4	GLENN CA	10	17	28	43	86
23	6.6	24	5.5	28	6.3	HUMBOLDT CA	-17	14	-5	25	63
11	3.6	11	3.8	14	5.0	IMPERIAL CA	6	31	38	48	42
2	3.3	4	5.5	8	9.5	INYO CA	67	72	188	85	91
29	3.0	43	3.9	83	5.9	KERN CA	28	53	96	70	57
9	4.4	18	8.2	12	4.9	KINGS CA	86	-40	11	33	40
3	2.6	5	3.5	20	10.7	LAKE CA	32	209	308	93	94
3	4.1	6	9.6	3	3.5	LASSEN CA	135	-63	-14	19	22
1108*	5.2	1642*	6.5	1739*	6.7	LOS ANGELES CA	25	4	30	44	70
4	2.1	6	3.1	15	7.0	MADERA CA	45	126	227	89	74
18	4.1	47	7.2	61	7.2	MARIN CA	77	-1	75	64	76
4*	9.5			3	8.1	MARIPOSA CA			-14	19	84
11	4.5	19	7.3	20	6.8	MENDOCINO CA	61	-7	49	54	71
11	3.1	10	2.8	28	6.5	MERCED CA	-7	129	114	74	67
1	2.4	1	2.5	3	6.8	MODOC CA	3	171	180	84	71
1	6.7			1	3.8	MONO CA			-43	07	26
35	6.5	62*	8.3	52	5.7	MONTEREY CA	28	-31	-12	21	54

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
12	3.6	17	3.6	38	7.2	NAPA CA	1	97	98	71	76
3	2.3	6	3.3	11	4.1	NEVADA CA	42	25	78	65	29
69	4.2	226	6.4	420*	7.2	ORANGE CA	52	13	72	63	77
10	3.6	16	4.6	18	3.8	PLACER CA	30	-17	7	31	26
1	1.4	1	1.3	8	10.4	PLUMAS CA	-4	700	668	98	94
56	4.9	95	4.9	175	6.2	RIVERSIDE CA	-1	27	26	41	62
74	4.6	137	6.8	177	6.9	SACRAMENTO CA	50	1	52	55	72
3	4.1	3	3.6	4	4.6	SAN BENITO CA	-13	28	11	33	35
66	3.9	132	5.3	175	5.6	SAN BERNARDINO CA	37	5	44	52	51
169*	5.7	283	6.4	377	6.0	SAN DIEGO CA	12	-5	6	30	59
205*	5.7	231*	6.7	212*	7.1	SAN FRANCISCO CA	18	6	25	40	75
48	4.4	83	6.8	79	5.9	SAN JOAQUIN CA	53	-13	34	46	57
11	3.2	23	4.9	31	4.9	SAN LUIS OBISPO CA	53	0	54	56	40
61	4.5	111	5.8	180*	8.0	SAN MATEO CA	29	38	78	66	83
34	6.1	46	5.3	84	7.4	SANTA BARBARA CA	-12	39	22	39	78
74	4.2	171	6.0	260*	7.3	SANTA CLARA CA	44	23	76	65	78
20	4.1	43	7.2	49	6.4	SANTA CRUZ CA	77	-12	56	57	65
8	3.4	8	2.9	24	5.1	SHASTA CA	-14	76	51	54	44
		2	16.9	2	20.9	SIERRA CA		23			99
6	3.6	6	3.2	10	5.2	SISKIYOU CA	-11	61	44	51	44
22	4.8	31	5.9	43	7.3	SOLANO CA	22	25	52	55	77
31	4.4	63	6.8	83	6.4	SONOMA CA	53	-6	44	52	65
25	3.5	33	3.9	57	5.6	STANISLAUS CA	10	45	60	59	52
8	5.9	8	4.8	12	5.9	SUTTER CA	-18	22	0	27	57
		6	4.0	13	7.0	TEHAMA CA		75			73
2	4.4	2	4.2	3	8.2	TRINITY CA	-4	97	89	68	85
31	4.4	31	3.8	49	5.6	TULARE CA	-13	46	27	42	51
3	3.5	2	2.3	4	2.4	TUOLUMNE CA	-34	6	-30	12	13
29	4.4	45	4.5	91	5.8	VENTURA CA	3	30	33	46	55
10	4.1	21	6.5	25	7.2	YOLO CA	57	11	75	64	77
7	5.2	6	4.4	8	4.0	YUBA CA	-14	-9	-22	15	28
340*	5.0	437	5.4	516	5.4	COLORADO CO	7	1	8		
14	6.3	17	4.1	38	6.2	ADAMS CO	-35	51	-2	27	62
4	8.6	2	4.5	3	7.9	ALAMOSA CO	-48	75	-8	23	82
1	3.0	3	8.2	5*	13.9	BACA CO	168	70	356	94	98
		3	7.2	1	2.5	BENT CO		-65			13
20*	7.7	21	5.2	42	8.6	BOULDER CO	-32	64	11	33	87
1	2.3	4	8.6	2	4.2	CHAFFEE CO	277	-51	84	67	30
				1	6.6	CHEYENNE CO					69
		1	5.1	3	14.0	CLEAR CREEK CO		177			98
1	2.6			2	7.1	CONEJOS CO			179	84	75
		1	5.9	1	7.4	COSTILLA CO		26			79
2	8.9	2	11.1	1	3.3	CROWLEY CO	25	-71	-63	03	20
5	5.1	4	4.7	6	4.3	DELTA CO	-8	-9	-16	18	31
131*	5.7	147	5.7	146	5.3	DENVER-ARAPAHOE#CO	0	-6	-6	24	47
1	4.6	1	3.1	3	5.2	DOUGLAS CO	-34	69	13	34	46
1	7.5			2	7.2	EAGLE CO			-5	25	76
		1	3.3	1	3.7	ELBERT CO		11			24
18	4.2	34	5.3	41	5.1	EL PASO CO	25	-4	20	38	44
2	2.0	6	4.5	5	3.1	FREMONT CO	130	-32	56	57	18
2	3.3	3	4.3	4	4.8	GARFIELD CO	29	13	46	52	39
1	4.8	1	7.1			GRAND CO	47				
1	3.4	1	3.7	2	6.8	GUNNISON CO	8	83	98	71	71
				1*	281.2	HINSDALE CO					99
2	3.7	1	2.2	2	4.7	HUERFANO CO	-40	114	29	43	38
		1	17.2			JACKSON CO					
25*	7.4	35	5.7	64	5.9	JEFFERSON CO	-23	4	-20	16	57
				1	10.5	KIOWA CO					94
2	5.3	3	7.6	2	4.0	KIT CARSON CO	45	-47	-24	15	28
2	8.5	2	12.1	2	7.5	LAKE CO	41	-38	-12	21	79
3	3.5	3	3.2	5	5.4	LA PLATA CO	-8	67	53	56	48
10	3.8	16	5.1	19	4.2	LARIMER CO	34	-18	10	32	30
3	2.5	11*	10.7	2	1.9	LAS ANIMAS CO	330	-82	-23	15	11
1	3.2	1	3.8	3	9.8	LINCOLN CO	17	159	203	87	92
4	4.4	7	8.2	3	3.2	LOGAN CO	84	-61	-29	12	19
10	4.5	26*	9.7	16	4.9	MESA CO	118	-50	10	32	40
1	2.8			2	5.6	MOFFAT CO			104	72	52
4	8.3			5	8.7	MONTEZUMA CO			5	30	87
3	3.5	4	4.5	1	1.2	MONTROSE CO	29	-73	-65	03	08
4	4.6	5	5.0	2	1.6	MORGAN CO	8	-67	-65	03	09
9	8.2	2	1.7	8	6.8	OTERO CO	-79	299	-16	18	72
		2	15.7	1	4.4	PARK CO		-72			33
3	12.4					PHILLIPS CO					
		1	3.6			PITKIN CO					
1	1.2	3	4.6	3	4.7	PROWERS CO	277	2	283	92	37
18	3.9	32	6.0	31	5.8	PUEBLO CO	54	-4	49	54	55
1	3.6	1	4.0	2	8.8	RIO BLANCO CO	13	117	146	79	88
2	3.7	2	3.6	1	2.2	RIO GRANDE CO	-4	-38	-40	08	12
2	5.2	1	3.2			ROUTT CO	-38				
		3	13.7			SEDGWICK CO					
				1	17.9	SUMMIT CO					99
5*	32.1	1	5.9	2	11.1	TELLER CO	-82	89	-65	02	95
1	2.8			5*	15.0	WASHINGTON CO			427	96	98
15	4.6	20	5.8	21	5.1	WELD CO	26	-12	10	32	44
4	7.4	2	3.0	2	3.4	YUMA CO	-60	13	-55	04	21
498	4.8	708	5.8	792	5.9	CONNECTICUT CT	21	0	22		
133	5.3	154	4.9	190	5.4	FAIRFIELD CT	-7	10	3	29	49
132	4.7	208*	6.5	233	6.5	HARTFORD CT	39	0	39	49	66
35*	6.2	35	5.4	40	5.4	LITCHFIELD CT	-13	-1	-13	20	48
17	4.4	19	3.9	40	7.3	MIDDLESEX CT	-12	86	64	61	77
113	4.1	180	5.8	191	5.6	NEW HAVEN CT	42	-4	37	48	51
38	5.3	66*	7.6	55	5.7	NEW LONDON CT	45	-25	9	31	54
12	5.0	16	5.1	22	6.1	TOLLAND CT	3	19	22	39	60
18	5.4	30*	8.3	21	5.2	WINDHAM CT	53	-37	-5	25	45

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
76	5.1	91	5.3	109	5.2	DELAWARE DE	4	-1	2		
8	4.1	18	7.6	17	5.7	KENT DE	87	-25	40	49	53
58	5.7	64	5.5	72	5.1	NEW CASTLE DE	-3	-7	-10	22	44
10	3.7	9	3.0	20	5.1	SUSSEX DE	-17	68	40	49	44
98	4.7	101	6.3	50	4.6	DIST. OF COLUMBIA DC	35	-27	-2		
98	4.7	101	6.3	50	4.6	WASHINGTON DC	35	-27	-2	26	35
580	3.6	1345	4.8	2604	5.7	FLORIDA FL	34	19	60		
		14	6.3	14	4.8	ALACHUA FL		-23			39
1	3.8	3	9.3	2	3.9	BAKER FL	143	-58	3	29	27
4	2.2	8	3.9	27	8.9	BAY FL	73	131	300	93	89
3	7.1	1	2.3			BRADFORD FL	-68				
4	2.8	26	5.0	48	4.5	BREVARD FL	77	-11	58	58	34
39	4.3	129	4.9	357	6.4	BROWARD FL	14	31	49	54	64
1	2.8	1	3.4	3	9.0	CALHOUN FL	21	168	223	89	89
1	3.8	10	4.2	18	3.2	CHARLOTTE FL	10	-22	-15	19	20
1	1.6	3	3.1	17	5.2	CITRUS FL	100	66	233	89	46
1	.9	4	4.2	7	4.8	CLAY FL	344	14	407	96	58
		3	2.0	25	6.7	COLLIER FL		229			70
2	3.6	4	5.7	2	1.5	COLUMBIA FL	58	-73	-57	04	09
135	4.3	297	5.6	467	6.2	DADE FL	31	10	45	52	61
2	3.5	3	5.3	5	7.4	DE SOTO FL	51	40	111	74	78
1	6.5	1	5.1			DIXIE FL	-23				
37	3.2	78	5.6	94	5.7	DUVAL FL	77	2	80	66	53
16	3.9	36	6.6	43	6.5	ESCAMBIA FL	70	-1	69	62	67
1	5.2	2	11.0			FLAGLER FL	113				
1	2.6	1	2.1	3	9.1	FRANKLIN FL	-17	327	255	91	90
2	2.7	4	4.0	2	1.9	GADSDEN FL	51	-52	-27	13	11
				3	11.5	GILCHRIST FL					95
		1	7.1			GLADES FL					
1	8.6	3	11.0	3	6.7	GULF FL	28	-39	-22	15	70
1	4.7	1	3.9	2	6.8	HAMILTON FL	-17	73	43	51	71
2	3.4	3	5.2	4	5.0	HARDEE FL	54	-4	48	53	42
		2	5.1	1	1.7	HENDRY FL		-67			09
3	5.2	1	1.6	10	4.1	HERNANDO FL	-69	154	-22	15	29
1	2.7	7	4.4	6	1.8	HIGHLANDS FL	63	-58	-32	11	10
48	3.5	105	5.6	138	5.9	HILLSBOROUGH FL	59	5	67	62	56
1	1.7	4	6.6	3	4.3	HOLMES FL	296	-35	157	81	31
2	1.6	7	5.5	19	6.0	INDIAN RIVER FL	242	10	277	92	59
2	1.9	4	3.2	7	5.2	JACKSON FL	66	60	166	82	45
		1	4.8	2	8.4	JEFFERSON FL		75			86
2	13.4					LAFAYETTE FL					
10	4.1	21	5.8	31	5.5	LAKE FL	41	-6	33	45	50
6	2.7	19	3.9	64	5.0	LEE FL	42	28	81	66	41
1	.7	7	3.9	12	5.2	LEON FL	425	34	603	98	45
		2	3.1	2	2.9	LEVY FL		-8			16
1	11.2			1	6.4	LIBERTY FL			-43	08	64
1	2.7			4	9.4	MADISON FL			251	90	90
9	3.3	26	4.8	75	7.6	MANATEE FL	45	56	126	77	80
2	1.3	13	5.0	22	3.9	MARION FL	287	-22	201	87	26
1	2.0	7	4.0	20	4.7	MARTIN FL	100	17	135	78	37
9	9.1	4	1.9	17	5.9	MONROE FL	-79	206	-35	10	57
1	3.4	2	3.9	6	5.9	NASSAU FL	13	53	73	63	57
4	2.4	4	3.0	17	5.2	OKALOOSA FL	27	74	121	76	46
1	10.6			5	6.4	OKEECHOBEE FL			-40	08	64
38	5.0	43	3.7	100	6.3	ORANGE FL	-26	70	26	41	63
5	4.9	6	3.7	11	5.4	OSCEOLA FL	-24	44	10	32	48
31	4.7	62	4.1	161	5.1	PALM BEACH FL	-13	24	8	31	43
6	2.6	18	3.3	52	3.8	PASCO FL	26	14	45	52	26
60	2.7	181	4.9	298	5.8	PINELLAS FL	81	17	112	74	55
24	3.7	37	4.1	90	6.9	POLK FL	9	68	84	67	72
5	5.5	4	2.7	10	4.5	PUTNAM FL	-51	66	-19	17	34
2	2.4	4	3.0	9	4.6	ST JOHNS FL	25	52	90	69	36
3	2.7	6	2.2	15	3.8	ST LUCIE FL	-18	71	39	49	25
3	3.0	4	3.1	6	3.3	SANTA ROSA FL	3	7	11	33	20
13	4.2	34	4.5	102	7.0	SARASOTA FL	5	57	65	61	74
4	3.0	8	2.8	18	3.6	SEMINOLE FL	-5	27	20	37	23
1	2.7	1	2.7	7	7.5	SUMTER FL	0	183	183	84	79
		1	1.7	3	3.5	SUWANNEE FL		108			22
1	2.4	1	1.7	1	1.6	TAYLOR FL	-29	-4	-32	11	09
				3	11.3	UNION FL					85
23	4.1	56	6.4	101	6.8	VOLUSIA FL	55	7	66	61	71
		4*	18.9	4	13.1	WAKULLA FL		-31			97
		3	3.9	3	3.3	WALTON FL		-15			20
				2	3.0	WASHINGTON FL					17
331	3.2	515	4.2	786	5.4	GEORGIA GA	30	29	68		
3	7.6	1	2.0	2	3.8	APPLING GA	-74	97	-50	06	26
		3*	13.7			ATKINSON GA					
2	6.5	2	6.8	1	3.4	BACON GA	4	-50	-48	06	21
1	13.3	1	10.4	2*	18.1	BAKER GA	-21	74	37	48	99
1	.9	3	2.6	4	3.4	BALDWIN GA	184	30	269	91	21
1	3.2	3	10.2	3	7.8	BANKS GA	216	-24	141	79	81
1	1.9	2	3.2	2	3.4	BARROW GA	72	6	83	67	21
1	.8	2	2.0	3	2.1	BARTOW GA	137	6	151	80	11
1	2.3	2	4.3	4	8.2	BEN HILL GA	85	90	250	90	85
1	1.8			3	7.3	BERRIEN GA			310	93	77
15	5.3	12	4.0	28	7.3	BIBB GA	-24	80	37	48	77
1	5.6	1	6.8	2	5.1	BLECKLEY GA	21	-25	-9	22	43
2	9.2			2	5.9	BRANTLEY GA			-36	10	56
				6	12.7	BROOKS GA					97
2	11.0					BRYAN GA					
1	1.3	1	1.1	5	5.5	BULLOCH GA	-20	417	314	93	50
1	2.7					BURKE GA					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
		2	8.0	2	4.9	BUTTS GA		-38			41
		1	11.4			CALHOUN GA					
2	8.1					CAMDEN GA					
1	4.0	1	4.8			CANDLER GA	19				
5	4.1	8	5.4	13	7.6	CARROLL GA	32	39	83	67	80
2	3.0	9	10.6	4	3.7	CATOOSA GA	257	-65	25	41	24
2*	15.9			2	9.7	CHARLTON GA			-39	09	91
22	6.4	16	3.6	32	6.3	CHATHAM GA	-44	76	-1	27	63
		10*	11.6	6	6.8	CHATTOOGA GA		-41			72
1	.9	4	3.9	11	6.9	CHEROKEE GA	354	79	712	99	73
3	3.0	5	4.4	8	5.4	CLARKE GA	49	22	81	66	48
		1	10.8	1	9.6	CLAY GA		-11			91
1	.9	7	3.7	15	3.8	CLAYTON GA	301	2	308	93	25
1	3.5	1	5.1	2	12.2	CLINCH GA	45	138	245	90	96
6	1.9	12	2.2	52	8.8	COBB GA	17	298	366	95	88
1	1.4	4	5.0	3	3.4	COFFEE GA	257	-32	141	79	21
2	2.1	7	5.7	10	7.2	COLQUITT GA	174	27	247	90	77
2	8.3	4	7.9	4	7.9	COLUMBIA GA	-5	0	-5	25	82
2	6.2	2	4.6	4	9.8	COOK GA	-26	114	59	58	92
2	2.7	4	4.2	12*	10.8	COWETA GA	52	158	293	93	95
				1	5.2	CRAWFORD GA					45
1	2.7	3	5.4	5	8.6	CRISP GA	103	59	223	88	87
1	3.5	1	2.9	2	4.4	DADE GA	-16	52	28	43	33
1	5.3	1	5.7	2	10.2	DAWSON GA	8	79	92	69	93
3	10.5	6	9.1	4	4.8	DECATUR GA	-13	-47	-54	04	39
20	3.1	45	4.7	52	4.4	DE KALB GA	49	-6	40	50	33
3	5.0	1	2.7	5	7.2	DODGE GA	-46	170	45	52	77
				2	6.3	DOOLY GA					62
3	2.6	7	5.0	16	10.4	DOUGHERTY GA	94	106	300	93	94
		1	1.5	8	6.4	DOUGLAS GA		318			64
2	5.6	4	11.8	6*	18.6	EARLY GA	112	58	234	89	99
1	12.3					ECHOLS GA					
1	3.7	2	5.6	2	3.4	EFFINGHAM GA	52	-39	-7	23	21
3	6.0	5	7.7	4	5.8	ELBERT GA	28	-25	-3	26	56
1	1.9			2	3.5	EMANUEL GA			82	67	23
1	4.4					EVANS GA					
1	1.7	4	6.2	4	5.3	FANNIN GA	265	-14	213	88	47
		1	3.3	3	5.2	FAYETTE GA		60			46
10	4.2	13	5.6	18	5.9	FLOYD GA	34	4	40	49	56
1	1.7	1	1.3	3	4.1	FORSYTH GA	-24	210	136	78	29
3	5.4	3	6.1	4	6.4	FRANKLIN GA	14	4	19	37	65
53	3.9	58	3.7	72	5.1	FULTON GA	-5	38	31	44	43
				3	5.6	GILMER GA					52
		1	8.8			GLASCOCK GA					
6	7.0	11	9.6	13	9.7	GLYNN GA	37	1	38	48	91
2	1.7	5	5.9	6	6.3	GORDON GA	252	7	275	92	64
1	1.7	2	3.1	4	5.4	GRADY GA	86	76	226	89	49
2	6.9			1	3.2	GREENE GA			-54	04	19
3	1.9	7	3.2	19	5.8	GWINNETT GA	66	82	202	87	56
4	6.5	3	3.8	4	4.2	HABERSHAM GA	-42	10	-36	10	30
3	1.8	9	4.6	14	5.5	HALL GA	155	22	210	87	51
1	1.9	2	2.8	2	2.8	HARALSON GA	48	0	49	54	16
2	7.7	1	3.4	3	6.2	HARRIS GA	-56	83	-19	17	62
				5	8.8	HART GA					89
1	4.1					HEARD GA					
1	1.8	2	3.2	4	4.9	HENRY GA	76	55	172	83	40
		7	5.7	8	4.8	HOUSTON GA		-16			39
		2	7.3	2	5.4	IRWIN GA		-26			48
2	2.8	4	4.8	4	4.1	JACKSON GA	72	-14	49	54	29
		1	5.1	1	3.9	JASPER GA		-25			26
		2	6.3	1	2.7	JEFF DAVIS GA		-58			14
				2	4.2	JEFFERSON GA					31
		2	7.3			JENKINS GA					
		1	3.0	1	4.1	JOHNSON GA		36			29
		1	5.7	1	2.0	JONES GA		-64			11
		2	6.6	2	5.3	LAMAR GA		-19			47
		1	10.2	1	4.4	LANIER GA		-57			33
1	1.0	4	4.4	3	2.3	LAURENS GA	341	-47	133	78	13
2	10.0	1	.5	1	3.8	LIBERTY GA	-95	685	-62	03	26
		2	11.1	1	7.0	LINCOLN GA		-37			74
		1	9.0	1	7.8	LONG GA		-13			82
		6	4.4	8	5.5	LOWNDES GA		25			49
1	3.8			1	2.4	LUMPKIN GA			-38	09	13
1	6.6	3	9.4	3	7.2	MC DUFFIE GA	43	-24	9	32	76
1	6.9	3*	18.9	1	5.8	MC INTOSH GA	172	-70	-17	18	54
1	4.1	1	5.3			MACON GA	30				
2	4.7	4	8.5	1	1.3	MADISON GA	79	-84	-72	02	08
		1	8.6			MARION GA					
2	5.4	2	3.9	1	1.7	MERIWETHER GA	-27	-56	-68	02	10
1	4.2					MILLER GA					
		1	1.9	3	7.1	MITCHELL GA		266			75
1	3.5	1	3.3	6*	17.1	MONROE GA	-6	427	394	95	99
				1	4.3	MONTGOMERY GA					32
1	3.6	2	6.9	1	2.8	MORGAN GA	92	-60	-23	15	15
3	7.1	3	5.6	2	3.3	MURRAY GA	-21	-41	-54	04	20
8	2.4	19	5.5	20	5.3	MUSCOGEE#GA	133	-3	126	76	47
2	4.3	1	2.7	2	1.8	NEWTON GA	-38	-34	-59	04	10
				2	6.1	OCONEE GA					60
1	3.1			1	3.2	OGLETHORPE GA			4	29	19
1	2.2	3	5.0	1	1.6	PAULDING GA	127	-68	-28	13	09
				2	5.6	PEACH GA					52
		2	4.9			PICKENS GA					
3	7.6					PIERCE GA					
1	3.6			1	2.8	PIKE GA			-24	15	15
5	5.3	6	5.6	9	7.3	POLK GA	7	29	38	49	77
		1	5.4	1	3.3	PULASKI GA		-39			20
		1	5.1	1	4.3	PUTNAM GA		-16			32
				2*	46.8	QUITMAN GA					99
2	5.7			1	2.2	RABUN GA			-62	03	12
1	4.2	1	4.4	2	8.5	RANDOLPH GA	5	94	104	72	86

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COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S 1970S
9	2.7	8	2.4	19	4.4	RICHMOND GA	-11	81	61	59 33
				6	7.0	ROCKDALE GA				74
				1	13.3	SCHLEY GA				97
5*	14.9	2	5.6	3	8.0	SCREVEN GA	-63	44	-46	07 83
		1	3.5			SEMINOLE GA				
3	2.6	4	3.1	8	5.4	SPALDING GA	20	74	109	74 48
2	4.1	3	4.7	6	6.2	STEPHENS GA	15	34	54	56 62
		3	6.2	6	8.6	SUMTER GA		38		87
		1	8.0	2	11.6	TALBOT GA		44		96
		1	10.5			TALIAFERRO GA				
3	7.1	1	1.9	4	6.7	TATTNALL GA	-73	245	-6	24 69
				1	4.3	TAYLOR GA				32
3	9.3	3	7.4	3	7.9	TELFAIR GA	-20	7	-15	19 82
		2	7.0	2	7.2	TERRELL GA		3		77
6	5.8	3	3.1	3	2.9	THOMAS GA	-47	-5	-50	06 17
1	2.0	3	5.0	3	3.1	TIFT GA	156	-38	58	58 18
		4	7.7	3	4.1	TOOMBS GA		-47		29
				1	3.4	TOWNS GA				21
		1	4.0			TREUTLEN GA				
4	2.9	9	6.0	6	4.1	TROUP GA	108	-32	42	50 29
				2	3.3	UNION GA				20
2	2.7	1	1.0	4	4.5	UPSON GA	-63	353	66	61 34
4	2.4	10	5.0	13	6.0	WALKER GA	111	19	151	80 58
3	4.4	3	3.8	6	5.8	WALTON GA	-13	52	33	45 56
7	7.5	4	4.3	3	2.1	WARE GA	-43	-51	-72	01 11
				1	5.1	WARREN GA				44
1	2.0	2	5.8	1	1.9	WASHINGTON GA	182	-68	-8	23 10
		5	7.3	2	2.5	WAYNE GA		-66		13
		1	12.5			WEBSTER GA				
2	10.7	1	5.0	2	9.1	WHEELER GA	-53	80	-15	19 89
1	2.9	1	3.5	1	2.6	WHITE GA	24	-25	-8	23 14
5	3.3	14	8.2	19	8.8	WHITFIELD GA	151	8	170	83 88
1	3.5	1	4.2	3	10.9	WILCOX GA	20	157	208	87 95
		1	3.6	2	6.2	WILKES GA		72		61
				3	11.8	WILKINSON GA				96
2	4.7			4	8.2	WORTH GA			72	63 84
		31	4.4	43	4.6	HAWAII HI		5		
		6	9.9	8	8.2	HAWAII HI		-17		84
		20	3.3	27	3.8	HONOLULU HI		16		25
		4*	15.9	2	4.6	KAUAI HI		-71		36
		1	2.1	6	7.1	MAUI#HI		245		75
98	3.5	162	5.1	180	4.9	IDAHO ID	47	-5	39	
12	3.5	20	4.4	27	4.9	ADA ID	25	10	38	48 40
2	13.3	2	13.2	2	11.7	ADAMS ID	-1	-11	-12	20 96
8	4.3	16	8.4	8	3.5	BANNOCK ID	95	-58	-19	17 22
1	2.5	2	8.3	2	4.8	BEAR LAKE ID	235	-43	91	69 38
1	2.9	3	8.6			BENEWAH ID	194			
2	2.2	3	2.8	3	2.1	BINGHAM ID	28	-26	-5	25 11
1	4.1	8*	39.7	1	3.2	BLAINE ID	872	-92	-21	16 19
		1	11.5	1	8.8	BOISE ID		-23		88
6	7.0	3	3.2	4	3.7	BONNER ID	-55	15	-48	06 24
3	2.3	11	6.2	16	7.8	BONNEVILLE ID	174	26	245	90 81
2	6.4	2	6.8	3	8.3	BOUNDARY ID	6	22	29	43 85
				2	12.3	BUTTE ID				97
6	2.3	14	4.6	21	5.9	CANYON ID	100	28	157	81 57
		1	5.6	2	5.7	CARIBOU ID		1		53
2	3.7	3	4.6	6	7.5	CASSIA ID	25	64	104	72 79
3	7.4	1	1.7	2	3.6	CLEARWATER ID	-77	109	-52	05 23
		1	5.6	3*	21.0	CUSTER ID		273		99
		4	10.6			ELMORE ID				
2	5.1	2	5.1	1	2.7	FRANKLIN ID	0	-48	-48	06 15
4	11.3			1	2.6	FREMONT ID			-77	01 14
1	2.0			5	8.7	GEM ID			327	94 88
		2	4.4	3	5.5	GOODING ID		26		50
4	6.3	3	4.9	1	1.5	IDAHO ID	-23	-70	-77	01 09
3	9.0	4	6.7	3	5.2	JEFFERSON ID	-25	-23	-42	08 45
1	1.8	1	1.8	1	1.1	JEPOME ID	2	-40	-39	09 08
4	2.5	7	3.9	11	4.9	KOOTENAI ID	58	27	100	71 41
3	4.6	7	7.0	6	5.8	LATAH ID	52	-16	27	42 56
1	2.8			2	5.9	LEMHI ID			110	74 57
		2	9.0	1	3.9	LEWIS ID		-57		27
				1	6.3	LINCOLN ID				63
1	2.6			2	4.5	MADISON ID			71	63 34
3	6.9	6	11.1	3	4.2	MINIDOKA ID	60	-62	-40	09 30
5	3.8	12	9.0	11	6.9	NEZ PERCE ID	134	-24	79	66 72
		1	7.2	2	11.7	ONEIDA ID		62		96
2	6.0					OWYHEE ID				
		2	2.2	3	3.0	PAYETTE ID		35		17
2	10.2	3	14.1	1	5.1	POWER ID	38	-64	-50	06 43
1	1.4	7	7.8	3	2.9	SHOSHONE ID	456	-63	104	72 16
		1	8.3	1	6.5	TETON ID		-22		66
10	5.0	7	3.4	11	4.6	TWIN FALLS ID	-32	34	-9	22 35
				1	3.5	VALLEY ID				22
2	4.1			3	6.9	WASHINGTON ID			66	61 72
2076*	4.9	2745*	6.1	2868*	6.3	ILLINOIS IL	26	4	31	
21	6.0	18	5.0	21	5.5	ADAMS IL	-17	12	-7	23 51
1	1.5	1	1.6	6	11.0	ALEXANDER IL	8	590	643	98 95
5	5.3	4	5.3	4	3.8	BOND IL	1	-28	-28	13 26
5	5.2	4	3.8	7	5.6	BOONE IL	-27	49	9	32 52
2	3.5	1	3.9	3	7.9	BROWN IL	13	103	129	77 83
7	3.6	14	7.0	11	5.1	BUREAU IL	96	-26	45	52 44
1	2.5	6*	15.0	3	6.4	CALHOUN IL	494	-57	153	81 64
7	7.3	8	7.0	2	1.7	CARROLL IL	-4	-75	-76	01 10
1	.9	3	4.8	4	4.3	CASS IL	426	-12	364	95 31

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WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
9	2.3	31	7.2	24	5.6	CHAMPAIGN	IL	212	-22	145	79	52
10	4.4	13	6.7	17	8.6	CHRISTIAN	IL	54	28	97	70	87
1	1.0	9	9.4	7	6.4	CLARK	IL	866	-32	558	97	65
2	2.0	3	3.2	4	4.9	CLAY	IL	59	53	143	79	40
3	2.4	7	5.4	5	3.4	CLINTON	IL	124	-37	42	50	21
13	6.2	12	5.7	11	5.1	COLES	IL	-9	-11	-19	17	42
1082*	5.3	1391*	6.7	1298*	6.7	COOK	IL	28	-1	26	41	69
2	2.4	7	5.6	7	5.3	CRAWFORD	IL	138	-6	124	76	47
7*	12.7			6	8.9	CUMBERLAND	IL			-29	12	89
7	3.0	13	5.6	14	5.5	DE KALB	IL	85	-1	83	67	50
4	4.3	4	4.0	4	4.2	DE WITT	IL	-7	6	-1	27	31
2	2.3	7	7.5	9	9.5	DOUGLAS	IL	230	27	318	93	91
48	5.0	90	6.5	138	7.1	DU PAGE	IL	30	10	42	50	75
7	5.3	9	7.4	5	4.2	EDGAR	IL	39	-43	-21	16	30
4	10.0	2	3.6	3	5.3	EDWARDS	IL	-64	47	-46	07	47
8	7.0	5	3.7	6	4.5	EFFINGHAM	IL	-48	23	-36	10	34
4	3.6	6	4.9	8	6.2	FAYETTE	IL	36	28	74	64	62
6	7.1	10*	11.5	4	4.7	FORD	IL	61	-59	-34	11	37
11	3.4	13	5.3	16	6.3	FRANKLIN	IL	53	19	83	67	63
9	3.8	11	4.6	12	4.9	FULTON	IL	23	7	31	44	40
3	5.2	2	4.1	7*	15.1	GALLATIN	IL	-20	265	192	86	98
8	7.7	6	7.2	6	6.1	GREENE	IL	-7	-15	-21	16	60
4	4.0	2	1.8	4	3.2	GRUNDY	IL	-56	79	-21	16	19
		7	9.6	1	1.4	HAMILTON	IL		-85			09
3	2.3	11	8.0	11	8.6	HANCOCK	IL	241	8	267	91	87
1	3.1			4	11.7	HARDIN	IL			277	92	96
2	4.4	4	8.5	2	4.0	HENDERSON	IL	93	-53	-9	23	28
12	5.0	18	6.7	15	5.2	HENRY	IL	34	-22	4	29	46
7	3.9	13	7.8	8	4.3	IROQUOIS	IL	98	-44	10	32	32
5	2.7	6	2.7	9	4.5	JACKSON	IL	-3	69	64	60	34
1	1.6	3	4.0	8	12.7	JASPER	IL	145	216	674	98	97
2	1.1	4	2.2	10	5.2	JEFFERSON	IL	104	134	377	95	44
5	6.5	6	6.7	2	2.2	JERSEY	IL	3	-68	-67	02	12
6	4.8	7	6.3	12	9.8	JO DAVIESS	IL	32	55	105	72	92
2	4.5	2	3.4	3	6.3	JOHNSON	IL	-23	83	41	50	63
28	3.4	58	5.8	60	5.9	KANE	IL	72	2	75	64	57
18	4.3	25	5.5	23	5.5	KANKAKEE	IL	26	-1	27	42	50
2	2.4	5	5.7	4	3.1	KENDALL	IL	136	-45	31	44	19
19	6.1	16	4.9	15	4.6	KNOX	IL	-20	-6	-25	14	36
57*	6.5	71	5.7	86	6.0	LAKE	IL	-12	4	-8	23	58
25	4.7	32	5.8	51*	8.6	LA SALLE	IL	24	48	84	67	87
7	6.8	4	3.4	5	4.7	LAWRENCE	IL	-50	39	-31	12	37
5	2.8	4	2.1	11	5.9	LEE	IL	-25	180	110	74	57
5	2.6	9	4.4	8	3.7	LIVINGSTON	IL	68	-16	42	50	24
6	3.7	7	4.1	13	8.0	LOGAN	IL	10	96	116	75	83
7	4.3	9	5.9	10	6.4	MC DONOUGH	IL	38	9	52	55	66
18	5.4	19	4.3	42	7.6	MC HENRY	IL	-19	76	42	51	80
23	5.9	34*	8.1	17	4.1	MC LEAN	IL	39	-49	-30	12	29
24	5.2	34	6.5	36	6.5	MACON	IL	26	0	26	41	67
15	5.4	14	5.0	27*	10.6	MACOUPIN	IL	-6	111	98	71	94
24	2.8	53	5.2	69	6.4	MADISON	IL	87	24	131	77	65
9	4.3	12	5.4	6	2.8	MARION	IL	26	-49	-35	10	15
3	4.0	2	2.8	1	1.3	MARSHALL	IL	-30	-55	-68	02	08
7	8.6	5	6.6	8	7.2	MASON	IL	-24	9	-16	18	76
3	4.4	5	6.7	3	3.4	MASSAC	IL	54	-49	-21	15	22
5	7.4	3	4.6	6	9.6	MENARD	IL	-38	110	31	44	91
4	3.9	4	3.8	4	4.6	MERCER	IL	-3	21	17	36	36
4	5.4	3	3.8	4	4.1	MONROE	IL	-30	10	-23	15	29
7	4.2	11	6.0	8	4.2	MONTGOMERY	IL	42	-29	0	28	30
9	4.4	9	4.6	10	5.2	MORGAN	IL	5	13	18	37	44
3	4.0	5	5.5	8	11.3	MOULTRIE	IL	40	104	185	85	95
14*	8.0	21*	10.5	12	5.8	OGLE	IL	31	-45	-27	13	56
45	5.2	60	6.9	51	5.8	PEORIA	IL	31	-15	12	34	56
4	3.2	10	9.0	6	5.3	PERRY	IL	185	-41	69	62	47
2	2.6	1	1.1	6	7.4	PIATT	IL	-59	601	185	85	78
2	1.5	6	4.6	7	4.7	PIKE	IL	214	2	220	88	37
		1	5.8	1	2.7	POPE	IL		-53			15
		2	4.9	2	4.5	PULASKI	IL		-7			35
		1	2.7	2	7.0	PUTNAM	IL		157			74
5	3.0	6	3.3	10	5.4	RANDOLPH	IL	10	62	77	65	48
7	8.7	5	5.8	6	7.2	RICHLAND	IL	-33	24	-17	18	76
28	3.9	57*	7.8	53	7.2	ROCK ISLAND	IL	101	-7	88	68	77
37	4.2	50	5.1	48	5.1	ST CLAIR	IL	22	-1	20	38	43
7	4.0	10	5.4	12	7.7	SALINE	IL	36	41	92	69	61
39	5.7	32	4.6	46	6.4	SANGAMON	IL	-20	40	11	33	64
4	6.4	5	13.2	3	6.3	SCHUYLER	IL	106	-52	-2	26	62
3	7.2	1	2.7	1	2.3	SCOTT	IL	-62	-15	-68	02	12
5	3.2	4	2.7	10	7.4	SHELBY	IL	-18	180	130	77	79
4	8.8	1	2.2	5	11.3	STARK	IL	-75	423	28	43	95
16*	7.1	12	5.1	14	5.7	STEPHENSON	IL	-28	11	-20	16	53
19	5.4	21	4.8	29	5.5	TAZEWELL	IL	-12	15	1	28	49
1	.7	3	2.9	8	6.7	UNION	IL	290	129	792	99	69
19	4.1	44*	9.0	38	8.1	VERMILION	IL	120	-11	97	70	84
4	5.6	3	4.3	1	1.7	WABASH	IL	-23	-60	-70	02	10
9	7.9	5	4.5	11	9.2	WARREN	IL	-43	104	17	36	90
2	2.2	6	7.8	4	3.8	WASHINGTON	IL	254	-52	71	63	25
3	2.7	3	2.8	7	6.7	WAYNE	IL	6	136	149	80	70
4	3.7	3	2.4	8	7.4	WHITE	IL	-34	204	100	71	78
10	4.0	12	4.4	10	3.3	WHITESIDE	IL	9	-25	-18	17	20
38	5.1	56	6.6	68	6.7	WILL	IL	29	2	32	45	70
10	3.6	9	3.7	21	7.5	WILLIAMSON	IL	2	105	109	73	80
37	4.7	41	4.5	58	5.8	WINNEBAGO	IL	-4	30	25	40	55
11*	9.2	8	6.2	14	9.6	WOODFORD	IL	-32	54	5	29	91
818	4.2	1142	5.5	1212	5.5	INDIANA	IN	31	0	31		
5	4.5	9	7.7	13*	9.7	ADAMS	IN	71	27	118	75	92
41	4.5	68	6.6	53	5.0	ALLEN	IN	46	-25	10	32	41
8	4.6	11	5.6	8	3.6	BARTHOLOMEW	IN	21	-35	-22	15	23
		3	5.6	4	6.6	BENTON	IN		19			68

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
2	4.2	4	5.5	6	7.9	BLACKFORD	IN	32	44	89	68	82
2	1.5	4	2.8	9	5.9	BOONE	IN	81	110	280	92	56
3	8.2	2	4.7	1	2.0	BROWN	IN	-42	-59	-76	01	11
1	.8	3	3.5	7	7.3	CARROLL	IN	320	108	774	99	77
7	3.2	16	8.1	11	5.5	CASS	IN	153	-32	71	63	49
7	3.3	12	4.4	16	5.0	CLARK	IN	31	15	50	54	42
3	2.1	10	7.0	5	3.8	CLAY	IN	241	-45	86	68	26
6	3.7	6	3.4	7	4.3	CLINTON	IN	-8	27	16	36	32
2	3.6	4	8.1			CRAWFORD	IN	124				
4	2.7	8	5.4	10	7.1	DAVIESS	IN	99	33	166	82	76
5	3.9	9	6.4	8	5.4	DEARBORN	IN	65	-16	38	48	48
2	2.2	3	2.6	2	1.6	DECATUR	IN	18	-36	-24	14	09
5	3.6	13	9.0	14	9.5	DE KALB	IN	150	5	163	82	91
28*	6.6	32	7.2	24	4.8	DELAWARE	IN	10	-34	-27	13	39
6	4.9	7	5.5	5	3.3	DUBOIS	IN	14	-40	-51	11	21
16	3.6	21	4.3	36	7.0	ELKHART	IN	18	62	91	69	73
5	4.9	8	6.8	7	6.1	FAYETTE	IN	39	-10	25	40	59
7	3.3	5	2.1	14	5.2	FLOYD	IN	-37	146	56	57	45
5	5.2	11*	10.9	6	6.3	FOUNTAIN	IN	111	-42	21	39	63
2	2.3	3	3.3	4	4.6	FRANKLIN	IN	39	42	98	71	36
4	3.8	8	8.2	7	7.0	FULTON	IN	118	-15	85	68	74
4	3.0	17*	10.7	6	3.4	GIBSON	IN	254	-68	14	34	22
18	5.5	10	2.9	22	6.0	GRANT	IN	-48	111	9	32	59
7	4.6	10	6.1	7	4.1	GREENE	IN	34	-34	-12	21	29
8	4.9	11	5.6	12	5.0	HAMILTON	IN	13	-11	1	28	41
7	6.2	7	5.1	10	6.6	HANCOCK	IN	-18	29	6	30	68
2	1.7	2	1.9	6	5.1	HARRISON	IN	10	164	191	86	43
5	3.0	8	4.5	19	8.3	HENDRICKS	IN	51	84	178	84	85
11	4.8	12	5.1	15	6.0	HENRY	IN	6	18	25	40	58
11	4.3	20	6.9	13	4.0	HOWARD	IN	61	-43	-8	23	27
6	3.4	11	6.5	14	8.1	HUNTINGTON	IN	94	25	142	79	84
5	3.4	10	6.5	8	5.0	JACKSON	IN	91	-24	46	52	41
6	6.4	4	4.1	4	4.3	JASPER	IN	-36	4	-34	11	31
5	4.1	4	3.9	4	3.5	JAY	IN	-6	-11	-16	19	22
1	.8	3	2.3	5	3.6	JEFFERSON	IN	182	53	330	94	23
4	4.8	3	3.4	5	5.6	JENNINGS	IN	-29	66	19	37	52
5	3.4	10	4.8	9	4.0	JOHNSON	IN	41	-18	15	35	27
7	3.1	17	7.8	10	4.6	KNOX	IN	154	-41	50	54	36
6	3.3	13	6.2	11	4.3	KOSCIUSKO	IN	90	-32	30	44	31
3	3.8	6	7.1	4	4.3	LAGRANGE	IN	88	-40	13	34	31
74	4.4	106	6.0	89	4.8	LAKE	IN	37	-20	10	32	38
13	3.1	29	6.7	34	7.5	LA PORTE	IN	113	13	140	78	80
4	2.3	7	3.9	13	6.3	LAWRENCE	IN	68	62	173	83	63
28	5.8	32	6.4	25	4.6	MADISON	IN	9	-28	-21	16	36
119	4.9	131	5.1	146	5.4	MARION	IN	4	7	11	33	48
6	3.8	10	5.7	7	3.8	MARSHALL	IN	50	-33	1	28	26
3	5.9	3	5.9			MARTIN	IN	1				
7	4.3	10	6.1	7	4.2	MIAMI	IN	44	-32	-2	27	30
7	3.1	11	4.0	23	8.2	MONROE	IN	30	102	163	82	84
4	2.4	9	5.3	10	5.9	MONTGOMERY	IN	123	12	149	80	57
5	3.3	6	2.9	7	3.4	MORGAN	IN	-13	16	1	28	21
5	8.3	4	7.0	4	6.8	NEWTON	IN	-16	-2	-17	17	72
4	2.5	9	6.1	9	6.1	NOBLE	IN	146	0	147	80	60
1	5.0	2	10.7	1	3.6	OHIO	IN	116	-66	-27	13	23
5	5.2	7	7.5	5	5.0	ORANGE	IN	42	-33	-5	25	41
3	6.1	1	1.8	3	3.6	OWEN	IN	-71	105	-41	08	24
3	2.8	5	5.8	5	5.5	PARKE	IN	110	-6	97	70	49
4	5.1	3	4.4	6	6.3	PERRY	IN	-14	43	23	39	62
1	1.2	7	7.6	4	4.4	PIKE	IN	534	-42	266	91	33
11	4.3	21	7.3	22	5.7	PORTER	IN	68	-21	33	45	54
8	8.0	6	5.8	9	8.2	POSEY	IN	-27	41	3	29	85
2	2.8	5	7.3	2	2.6	PULASKI	IN	167	-64	-5	24	14
2	1.5	3	2.4	7	5.3	PUTNAM	IN	62	124	263	91	47
5	3.4	8	5.4	11	7.7	RANDOLPH	IN	58	43	126	76	81
6	5.2	2	1.7	5	4.3	RIPLEY	IN	-68	157	-18	17	32
7	6.7	2	1.7	4	4.2	RUSH	IN	-75	144	-38	09	30
37	3.7	42	4.2	68	6.4	ST JOSEPH	IN	14	53	75	64	66
2	3.3	4	5.7	5	5.6	SCOTT	IN	72	-1	70	62	52
5	3.2	6	3.9	6	3.4	SHELBY	IN	22	-13	7	31	21
2	2.7	5	4.7	4	4.1	SPENCER	IN	77	-13	53	56	29
1	.9	4	3.9	8	7.7	STARKE	IN	319	99	736	99	81
8*	8.6	5	5.3	4	3.4	STEUBEN	IN	-39	-35	-61	03	21
6	3.9	8	7.8	3	2.9	SULLIVAN	IN	98	-63	-26	14	16
1	2.9	1	2.0	2	4.4	SWITZERLAND	IN	-29	115	53	56	33
17	5.3	17	4.3	27	6.9	TIPPECANOE	IN	-18	60	31	45	73
2	2.3	5	6.1	2	2.3	TIPTON	IN	159	-63	-3	26	12
1	2.6	1	2.7	6*	19.7	UNION	IN	1	641	650	98	99
28	4.0	42	5.9	54	7.2	VANDERBURGH	IN	48	21	79	66	76
3	2.5	6	5.6	6	5.8	VERMILLION	IN	125	3	132	78	56
24	4.6	34	6.6	31	6.1	VIGO	IN	44	-7	34	46	60
9	6.1	13	8.4	11	6.9	WABASH	IN	37	-17	13	34	73
		2	4.9	6*	13.3	WARREN	IN		172			97
2	1.7	5	3.7	12	8.8	WARRICK	IN	123	136	425	96	88
1	1.1	5	5.2	3	3.1	WASHINGTON	IN	354	-39	176	83	19
20	5.9	14	4.1	17	4.8	WAYNE	IN	-31	17	-19	17	39
4	3.9	8	7.1	7	6.5	WELLS	IN	84	-11	63	60	63
5	4.8	10	9.4	1	.7	WHITE	IN	95	-93	-85	00	07
6	6.0	8	7.4	10	8.3	WHITLEY	IN	23	13	39	49	85
602	4.4	841	5.9	926	6.4	IOWA	IA	36	8	47		
1	1.6	2	3.2	2	2.5	ADAIR	IA	97	-23	53	56	13
1	4.7	1	2.1	3	6.3	ADAMS	IA	-55	197	32	45	62
1	1.0	8	7.9	4	3.5	ALLAMAKEE	IA	700	-56	253	90	22
7	5.9	7	5.3	7	7.0	APPANOOSE	IA	-11	32	17	36	73
3	5.0	1	1.5	4	8.0	AUDUBON	IA	-71	453	61	59	83
7	5.4	11	8.4	12	9.5	BENTON	IA	56	13	77	65	91
24	5.3	38	7.3	38	7.2	BLACK HAWK	IA	38	-1	37	48	77
10	6.1	9	5.2	14	9.5	BOONE	IA	-14	82	57	58	91
5	5.1	6	5.4	5	4.5	BREMER	IA	6	-16	-11	21	35

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WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1	.9	4	4.0	7	6.1	BUCHANAN	IA	342	55	584	98	60
2	1.7	8	6.2	6	5.0	BUENA VISTA	IA	256	-19	189	85	42
2	2.2	5	5.2	9	8.4	BUTLER	IA	133	61	276	92	86
1	1.0	5	4.9	4	3.7	CALHOUN	IA	390	-23	275	92	25
7	6.3	8	6.5	8	6.6	CARROLL	IA	4	1	5	30	68
5	4.3	5	5.1	11	10.7	CASS	IA	17	112	148	80	94
6	6.0	7	7.2	3	2.8	CEDAR	IA	20	-61	-53	05	16
11	4.8	27*	11.0	12	4.5	CERRO GORDO	IA	130	-59	-5	25	35
3	3.1	6	5.9	7	7.6	CHEROKEE	IA	88	30	144	79	80
6	7.8	5	5.8	6	7.4	CHICKASAW	IA	-25	26	-5	24	78
4	6.1	3	6.1	3	6.6	CLARKE	IA	1	8	9	32	69
6	6.5	7	7.5	8	8.2	CLAY	IA	15	10	27	42	85
5	4.0	9	6.8	9	6.4	CLAYTON	IA	71	-7	59	58	64
17	6.2	11	3.7	14	5.1	CLINTON	IA	-40	38	-17	18	44
5	5.3	4	3.7	6	5.5	CRAWFORD	IA	-31	50	4	29	50
5	3.9	9	6.8	5	3.0	DALLAS	IA	73	-57	-25	14	17
1	1.9	5	9.6	2	3.2	DAVIS	IA	397	-67	65	61	19
1	1.1	2	2.5	5	8.0	DECATUR	IA	136	217	648	98	83
6	6.4	5	5.3	5	5.0	DELAWARE	IA	-17	-5	-21	16	42
6	2.5	11	5.0	16	6.9	DES MOINES	IA	102	38	178	84	73
4	5.8	8	9.5	10*	12.1	DICKINSON	IA	63	28	109	74	96
15	4.5	29*	8.1	27	7.1	DUBUQUE	IA	78	-12	57	58	75
2	2.4	7	9.7	10*	13.3	EMMET	IA	302	37	451	96	97
3	1.9	11	7.1	7	5.0	FAYETTE	IA	271	-30	160	81	41
5	4.7	13*	10.7	3	2.6	FLOYD	IA	129	-75	-43	08	14
6	7.4	3	3.8	9	10.0	FRANKLIN	IA	-49	168	35	47	93
		3	6.9	3	4.0	FREMONT	IA		-42			28
1	1.3	6	8.5	4	5.8	GREENE	IA	569	-31	361	95	56
3	3.7	2	2.6	4	4.8	GRUNDY	IA	-29	86	31	44	39
4	6.1	5	5.7	7	8.2	GUTHRIE	IA	-6	44	34	46	85
4	4.0	5	4.7	4	3.8	HAMILTON	IA	18	-19	-5	25	25
2	2.4	2	2.6	7	8.6	HANCOCK	IA	7	228	251	90	87
8	6.7	6	4.5	7	5.7	HARDIN	IA	-33	25	-16	19	53
4	3.7	4	3.9	4	4.5	HARRISON	IA	6	14	21	38	34
5	4.5	8	7.3	8	8.0	HENRY	IA	62	9	77	65	83
3	3.8	2	3.2	6	9.4	HOWARD	IA	-17	196	146	79	90
3	4.4	7	10.0	2	2.6	HUMBOLDT	IA	125	-74	-41	08	14
3	4.4	6	11.6	3	5.0	IDA	IA	163	-57	12	34	41
5	5.6	6	6.9	6	7.0	IOWA	IA	25	2	27	42	74
6	5.6	5	4.4	12	11.0	JACKSON	IA	-22	152	97	70	95
4	2.4	10	5.6	10	5.4	JASPER	IA	136	-4	126	76	48
4	4.8	5	5.6	2	2.4	JEFFERSON	IA	16	-57	-51	05	13
5	2.7	13	6.0	9	4.0	JOHNSON	IA	119	-33	47	52	28
3	3.0	8	7.3	11	10.0	JONES	IA	142	38	235	89	93
7	6.2	4	3.9	5	6.3	KEOKUK	IA	-36	61	3	29	64
4	3.2	7	5.3	8	6.2	KOSSUTH	IA	67	16	95	70	61
12	5.2	16	7.5	10	4.6	LEE	IA	45	-39	-12	21	35
42*	7.2	38	6.2	33	4.9	LINN	IA	-15	-20	-32	11	41
2	3.5	1	1.5	6	10.4	LOUISA	IA	-58	591	192	86	93
5	6.8	2	2.6	3	4.4	LUCAS	IA	-62	71	-35	10	33
2	2.4	3	4.1	9*	12.2	LYON	IA	71	201	413	96	96
3	3.8	7	9.2	2	2.7	MADISON	IA	141	-71	-30	12	15
5	3.8	4	3.4	4	3.2	MAHASKA	IA	-11	-7	-17	18	19
3	1.6	8	4.9	8	4.8	MARION	IA	201	-3	192	86	39
7	3.5	14	6.8	11	5.3	MARSHALL	IA	95	-22	51	55	46
2	2.9	5	6.8	3	4.3	MILLS	IA	138	-37	49	54	31
2	2.2	3	3.6	7	9.6	MITCHELL	IA	65	166	338	94	91
2	2.5	3	3.5	5	5.9	MONONA	IA	40	71	139	78	57
2	3.1	2	2.5	8*	12.7	MONROE	IA	-22	420	307	93	97
6	6.1	7	8.6	7	8.9	MONTGOMERY	IA	42	4	47	53	89
7	3.4	10	5.6	6	3.1	MUSCATINE	IA	62	-45	-11	21	18
6	6.1	8	8.5	12*	10.4	O'BRIEN	IA	39	23	71	63	94
4	8.0	3	6.4	5	8.1	OSCEOLA	IA	-20	27	1	28	84
4	2.6	7	5.9	6	4.0	PAGE	IA	125	-33	52	55	28
5	6.3	4	4.8	7	9.8	PALO ALTO	IA	-24	103	55	57	92
3	2.5	11	9.2	12	9.4	PLYMOUTH	IA	265	2	273	91	90
6	8.0	6	9.0	2	2.7	POCAHONTAS	IA	13	-70	-66	02	15
49	4.5	60	5.4	84	7.2	POLK	IA	20	34	60	59	76
18	5.0	21	5.4	18	4.6	POTTAWATTAMIE	IA	8	-15	-8	23	35
4	3.9	6	6.0	5	4.7	POWESHIEK	IA	57	-22	22	39	37
1	2.1	2	4.7	4	9.9	RINGGOLD	IA	130	109	381	95	92
1	.9	12*	12.8	4	3.2	SAC	IA	1272	-75	247	90	19
22	4.1	37	6.5	46	7.8	SCOTT	IA	59	20	90	69	81
4	5.1	3	3.2	11*	13.7	SHELBY	IA	-38	330	167	82	98
6	4.9	7	5.0	12	8.4	SIOUX	IA	3	67	73	64	86
4	1.8	11	5.6	11	4.7	STORY	IA	204	-16	156	81	37
11*	9.7	4	2.7	9	7.2	TAMA	IA	-72	166	-26	14	76
1	1.1	2	2.7	6	8.8	TAYLOR	IA	142	221	678	98	88
4	4.5	3	2.9	6	7.0	UNION	IA	-36	140	55	57	74
6	9.3	1	1.2	1	1.9	VAN BUREN	IA	-87	51	-80	01	10
11	4.7	13	5.8	22*	9.0	WAPELLO	IA	23	54	90	69	89
2	2.3	7	6.6	4	2.8	WARREN	IA	189	-58	22	39	15
4	3.9	6	5.2	4	3.8	WASHINGTON	IA	31	-27	-4	26	25
3	4.9	2	2.2	4	8.0	WAYNE	IA	-55	268	64	61	83
15	6.8	15	6.1	24*	10.1	WEBSTER	IA	-10	65	49	54	93
7*	9.1	3	3.7	5	5.4	WINNEBAGO	IA	-60	46	-41	08	48
3	2.3	5	3.9	9	7.9	WINNESHIEK	IA	68	102	239	89	82
14	2.7	36	6.9	39	7.7	WOODBURY	IA	156	12	187	85	81
4	7.0	5	8.0	1	2.2	WORTH	IA	13	-72	-69	02	12
6	5.4	4	3.8	8	6.8	WRIGHT	IA	-29	77	26	41	71
443	4.5	563	5.4	662	6.0	KANSAS	KS	19	12	34		
3	2.9	3	2.4	6	6.4	ALLEN	KS	-16	162	121	76	65
4	5.6	2	3.3	4	5.9	ANDERSON	KS	-42	82	6	30	57
		2	1.9	4	3.9	ATCHISON	KS		108			27
		1	2.2	4	10.0	BARBER	KS		361			92
2	1.9	10	7.5	10	6.5	BARTON	KS	298	-13	245	90	66
5	5.4	8	6.8	5	4.1	BOURBON	KS	26	-40	-24	14	29
7	7.0	4	5.1	6	9.5	BROWN	KS	-27	86	35	47	91

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
7	4.3	15	8.0	13	6.2	BUTLER	KS	87	-22	46	52	61
2	7.9	1	3.8	1	3.0	CHASE	KS	-52	-20	-61	03	18
2	4.0	1	1.8	3	9.6	CHAUTAUQUA	KS	-55	433	141	79	91
3	2.2	8	6.2	9	6.5	CHEROKEE	KS	181	4	193	86	67
1	2.3			1	3.0	CHEYENNE	KS			34	46	18
2	10.3	1	4.4	1	5.4	CLARK	KS	-58	25	-47	06	49
2	3.9	1	1.0	4	6.3	CLAY	KS	-74	530	63	60	63
2	2.4	4	5.1	9	10.6	CLOUD	KS	111	110	343	94	94
1	1.1	2	3.1	2	3.8	COFFEY	KS	176	22	235	89	25
		2	9.1	1	3.4	COMANCHE	KS		-62			22
7	3.4	9	4.5	6	2.7	COWLEY	KS	31	-40	-21	16	15
11	4.4	10	4.5	16	6.7	CRAWFORD	KS	1	51	52	55	70
1	2.6	1	3.2	3	7.3	DECATUR	KS	23	126	179	84	78
8	7.4	12	8.7	12	9.1	DICKINSON	KS	18	4	23	39	90
3	4.9	4	8.2	6	9.4	DONIPHAN	KS	66	15	92	69	90
10	6.7	11	6.8	14	7.8	DOUGLAS	KS	0	15	16	35	81
3	8.6	2	7.9	1	3.0	EDWARDS	KS	-7	-63	-65	03	17
2	5.3	1	1.9	1	1.8	ELK	KS	-64	-5	-66	02	10
2	3.3	1	1.2	3	2.8	ELLIS	KS	-65	136	-16	18	15
		4	7.9	6	11.7	ELLSWORTH	KS		47			96
1	1.7	3	4.0	3	3.9	FINNEY	KS	137	-2	131	77	27
5	5.1	5	4.7	16*	14.5	FORD	KS	-8	210	185	85	98
4	4.1	3	2.3	8	5.7	FRANKLIN	KS	-42	143	41	50	53
2	2.9	4	4.7	7	7.9	GEARY	KS	64	68	176	83	82
1	4.3	2	9.8			GOVE	KS	126				
		3	11.5			GRAHAM	KS					
1	18.9	1	5.2	1	3.6	GRANT	KS	-72	-32	-81	00	23
1	4.0			3	11.4	GRAY	KS			184	84	95
4	4.5	10*	12.7	3	3.0	GREENWOOD	KS	184	-76	-33	11	17
1	1.4	6	15.1	8*	16.2	HARPER	KS	997	7	1072	99	98
12*	11.0	6	4.3	5	3.4	HARVEY	KS	-61	-22	-69	02	21
1	9.1	1	8.4			HASKELL	KS	-7				
		2	10.8	3*	20.0	HODGEMAN	KS		85			99
3	4.2	3	6.1	5	6.2	JACKSON	KS	44	1	46	52	61
3	4.3	3	4.3	6	7.6	JEFFERSON	KS	1	75	78	65	80
5	8.7	2	4.2	3	5.2	JEWELL	KS	-51	24	-40	08	46
26*	6.6	39	6.4	47	5.4	JOHNSON	KS	-4	-16	-19	17	48
1	6.3	2	15.0	1	7.5	KEARNY	KS	139	-50	20	38	80
1	1.7	1	1.5	1	1.5	KINGMAN	KS	-15	6	-10	22	09
1	3.5	1	4.6	2	7.0	KIOWA	KS	32	53	101	72	74
10	6.0	10	6.2	8	5.7	LABETTE	KS	3	-8	-5	24	53
2*	18.7	2	11.4	2	10.0	LANE	KS	-39	-12	-47	07	92
8	3.2	7	3.2	11	5.3	LEAVENWORTH	KS	-2	69	65	61	47
1	2.7	4	13.1	2	5.2	LINCOLN	KS	378	-61	89	68	45
1	1.6	3	3.7	4	5.5	LINN	KS	131	46	237	89	50
				2	9.1	LOGAN	KS					90
7	4.6	6	4.4	4	2.2	LYON	KS	-4	-50	-52	05	12
6	4.4	11	8.3	9	6.3	MC PHERSON	KS	89	-24	45	52	64
5	5.5	4	3.4	6	5.2	MARION	KS	-38	51	-6	24	44
7	6.2	3	2.7	4	3.5	MARSHALL	KS	-56	29	-43	07	22
1	3.9	5*	17.6	3	9.3	MEADE	KS	351	-47	139	78	90
1	.8	5	4.0	9	7.8	MIAMI	KS	426	97	938	99	82
1	2.2	2	3.0	3	6.4	MITCHELL	KS	40	113	197	86	65
14	5.8	11	4.7	12	4.9	MONTGOMERY	KS	-19	4	-16	18	40
4	7.7	2	4.4	2	3.5	MORRIS	KS	-42	-21	-55	04	22
		2	13.5	1	6.6	MORTON	KS		-51			68
5	6.1	6	7.2	9*	12.1	NEMAHA	KS	18	68	98	71	96
		7	6.0	10	8.8	NEOSHO	KS		46			88
				2	7.2	NESS	KS					76
1	1.7			2	4.7	NORTON	KS			182	84	37
2	2.3	5	5.9	5	5.8	OSAGE	KS	158	0	158	81	56
2	4.0	1	1.5	5	10.5	OSBORNE	KS	-61	578	165	82	94
5*	11.0	3	7.0			OTTAWA	KS	-36				
2	3.7	4	7.7	3	5.2	PAWNEE	KS	109	-33	40	49	45
3	5.4	1	2.3	2	3.3	PHILLIPS	KS	-57	46	-38	09	20
8*	11.1	3	3.9	4	5.2	POTTAWATOMIE	KS	-65	32	-54	04	44
2	3.3	4	6.1	5	7.5	PRATT	KS	85	23	128	77	79
1	7.7	1	3.2	3	9.3	RAWLINS	KS	-58	193	22	39	90
10	3.5	17	5.7	21	6.7	RENO	KS	64	17	93	69	70
3	4.7	2	2.8	4	5.5	REPUBLIC	KS	-40	96	18	37	50
2	2.4	4	5.1	6	7.5	RICE	KS	112	47	211	87	80
8	6.3	9	7.0	10	7.1	RILEY	KS	10	2	12	33	75
2	4.0	1	2.0	3	8.2	ROOKS	KS	-51	314	103	72	85
2	5.2	3	9.0	7*	17.7	RUSH	KS	73	96	240	89	99
4	6.3	5	9.0	4	5.7	RUSSELL	KS	44	-37	-9	23	53
8	4.6	16	8.0	20*	9.6	SALINE	KS	74	20	108	73	91
1	5.5	1	3.4	3	11.0	SCOTT	KS	-39	225	99	71	95
63*	6.1	75	6.0	77	5.9	SEDGWICK	KS	-2	-1	-3	26	57
2	3.1	3	5.2	1	2.1	SEWARD	KS	64	-60	-34	10	11
24	4.5	36	6.0	34	5.3	SHAWNEE	KS	32	-11	17	36	47
1	4.4	2	10.8	1	4.6	SHERIDAN	KS	147	-57	6	30	36
		1	2.6	3	7.4	SHERMAN	KS		187			78
2	4.4	3	4.6	1	1.1	SMITH	KS	5	-76	-75	01	08
3	6.7	2	4.1	1	8.1	STAFFORD	KS	-39	97	21	38	84
		1	9.0	1	12.4	STANTON	KS		37			97
				1	4.0	STEVENS	KS					28
7	5.1	6	4.2	7	4.8	SUMNER	KS	-18	15	-6	24	39
		1	3.0	4	9.5	THOMAS	KS		221			91
		2	6.4	4	12.3	TREGO	KS		92			97
1	1.9	2	3.3	2	3.1	WABAUNSEE	KS	77	-6	66	61	18
				1	9.9	WALLACE	KS					92
1	1.7	5	8.1	4	6.5	WASHINGTON	KS	362	-23	258	91	62
				2	13.7	WICHITA	KS					98
5	5.5	5	9.1	2	2.4	WILSON	KS	65	-73	-56	04	13
1	2.7	3	11.3	4	12.0	WOODSON	KS	325	6	351	94	96
31	5.2	29	4.5	27	4.1	WYANDOTTE	KS	-13	-9	-21	16	29
415	3.3	670	4.9	785	5.3	KENTUCKY	KY	48	7	59		
1	1.2	4	5.2	2	2.4	ADAIR	KY	349	-54	109	73	13

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S 1970S
		4	5.5	6	7.1	ALLEN KY		30		75
3	6.8	2	4.3	2	3.4	ANDERSON KY	-37	-22	-51	05 21
2	3.6	3	9.5	6	11.4	BALLARD KY	163	20	216	88 95
6	4.6	6	4.7	6	3.9	BARREN KY	2	-18	-17	18 26
1	2.2			3	5.8	BATH KY			171	83 56
3	1.9	8	5.3	4	2.5	BELL KY	175	-52	31	44 14
4	5.3	6	5.2	7	5.1	BOONE KY	-2	-3	-4	25 43
2	2.9	5	6.3	2	2.6	BOURBON KY	122	-60	-10	21 14
9	4.3	10	4.2	12	4.9	BOYD KY	-3	17	13	34 40
		4	4.1	11*	10.6	BOYLE KY		161		94
2	4.9	2	4.4	2	5.0	BRACKEN KY	-11	14	1	28 42
		3	4.6	3	4.6	BREATHITT KY		1		36
1	1.1	4	5.1			BRECKINRIDGE KY	347			
2	3.7	6	8.1	8	8.0	BULLITT KY	119	-2	114	75 83
		4	7.5	1	1.8	BUTLER KY		-75		10
4	6.2			1	1.7	CALDWELL KY			-72	01 10
4	3.6	6	4.6	10	6.9	CALLOWAY KY	29	49	93	69 73
17	4.7	29	7.0	22	5.6	CAMPBELL KY	49	-20	19	37 52
1	2.4	2	9.9	3	13.0	CARLISLE KY	311	31	437	96 97
1	2.4	1	2.3	3	6.7	CARROLL KY	-6	196	177	84 69
4	4.4	5	5.0	7	7.1	CARTER KY	15	42	63	60 75
1	1.7	5	6.4	2	2.3	CASEY KY	281	-64	37	47 12
7	4.6	5	3.0	13	7.0	CHRISTIAN KY	-34	134	53	56 74
2	2.6	2	2.1	7	6.7	CLARK KY	-19	216	154	81 69
2	2.6	2	2.2	2	2.1	CLAY KY	-15	-6	-20	17 11
				3	6.5	CLINTON KY				66
		4	7.0	3	6.6	CRITTENDEN KY		-6		68
2	5.2	2	4.3	5	12.1	CUMBERLAND KY	-17	180	131	77 96
11	3.8	23	7.9	17	5.1	DAVIESS KY	108	-36	33	45 43
		2	6.3	1	1.9	EDMONSON KY		-71		10
				2	50.5	ELLIOTT KY				99
		3	4.9	5	7.1	ESTILL KY		46		75
11	2.7	28	5.1	40	7.0	FAYETTE KY	87	39	161	81 74
1	1.3	1	1.4	1	1.4	FLEMING KY	5	3	8	31 09
5	3.3	10	5.6	6	3.3	FLOYD KY	70	-42	-1	27 20
6	6.1	6	4.4	10	6.5	FRANKLIN KY	-28	46	6	30 66
		6	11.2	1	2.7	FULTON KY		-76		15
				1	4.4	GALLATIN KY				33
		1	2.2	3	5.3	GARRARD KY		140		46
2	3.3	2	4.0	1	1.4	GRANT KY	20	-66	-59	04 08
6	3.7	7	3.9	10	5.5	GRAVES KY	5	40	47	53 49
3	3.6					GRAYSON KY				
1	2.3	6	10.7			GREEN KY	365			
1	.8	7	5.3	5	3.1	GREENUP KY	527	-42	263	91 18
		2	6.4	3	8.4	HANCOCK KY		30		86
3	1.6	6	3.1	15	6.9	HARDIN KY	89	122	319	94 72
8	4.2	9	4.7	12	6.6	HARLAN KY	12	41	58	58 68
4	5.4	6	7.8	7	9.3	HARRISON KY	44	18	70	62 90
1	1.2	2	2.6	7	9.2	HART KY	116	252	659	98 90
13*	10.1	6	4.2	6	3.7	HENDERSON KY	-58	-12	-63	03 25
2	3.1	3	4.5	1	1.4	HENRY KY	47	-68	-53	05 09
		1	2.7	1	2.4	HICKMAN KY		-10		13
6	3.4	10	5.4	14	6.9	HOPKINS KY	59	29	106	73 73
2	3.6	3	5.6	2	3.3	JACKSON KY	57	-42	-8	23 20
92	4.7	123	5.4	147	5.9	JEFFERSON KY	14	9	24	40 56
1	1.9	5	7.1	4	5.2	JESSAMINE KY	267	-28	165	82 44
3	2.7	5	5.3	3	3.0	JOHNSON KY	97	-43	12	34 17
21	4.5	30	5.3	32	5.8	KENTON KY	17	9	28	43 55
3	5.6	2	3.4	4	5.2	KNOTT KY	-39	53	-7	23 46
2	1.7	3	2.5	7	5.4	KNOX KY	49	114	219	88 49
1	2.3			4	6.8	LARUE KY			190	85 71
		9	6.7	5	3.0	LAUREL KY		-55		18
2	2.7	1	1.2	2	2.9	LAWRENCE KY	-57	151	9	32 17
2	5.3	1	2.3	2	4.1	LEE KY	-56	80	-22	15 30
1	2.7	1	3.0	4	7.4	LESLIE KY	11	143	171	83 78
3	1.9	2	1.9	6	4.9	LETCHER KY	-2	155	150	80 39
1	1.8	5	8.7	3	4.1	LEWIS KY	378	-53	126	76 29
4	4.5	2	2.6	7	7.6	LINCOLN KY	-42	193	69	62 80
2	5.0	3	7.3	3	6.6	LIVINGSTON KY	46	-9	32	45 68
3	2.9	6	5.8	6	5.1	LOGAN KY	101	-11	80	66 44
		1	3.0			LYON KY				
12	5.0	12	4.6	12	4.3	MC CRACKEN KY	-8	-6	-13	20 31
1	1.6	3	5.1	1	1.4	MC CREARY KY	225	-71	-7	23 09
1	2.2	2	3.9	5	9.9	MC LEAN KY	82	153	359	95 92
4	3.2	6	4.0	7	4.1	MADISON KY	26	2	29	43 29
1	2.0	3	6.5	1	1.7	MAGOFFIN KY	230	-74	-13	20 10
5	8.2	6	9.4	1	1.6	MARION KY	15	-83	-81	00 09
1	1.2	3	2.9	11	8.0	MARSHALL KY	146	172	570	97 83
1	2.5	3	7.4	2	5.2	MARTIN KY	194	-29	108	73 45
3	3.2	4	4.9	6	6.7	MASON KY	52	36	106	73 69
2	3.5	2	3.5	1	1.7	MEADE KY	0	-51	-51	05 10
1	3.8			1	4.3	MENIFEE KY			12	34 31
4	5.4	7	9.4	3	3.3	MERCER KY	74	-64	-38	09 21
2	4.2	4	8.1	3	6.5	METCALFE KY	90	-19	53	56 66
2	2.9	3	4.7	5	8.4	MONROE KY	60	79	187	85 86
2	3.4	2	3.2	4	5.8	MONTGOMERY KY	-5	80	71	63 54
2	3.1	3	5.4	1	1.7	MORGAN KY	77	-68	-43	08 10
7	4.7	9	6.1	8	5.0	MUHLENBERG KY	29	-18	6	30 41
2	1.8	4	5.0	6	6.0	NELSON KY	177	21	235	89 59
1	2.6	2	4.9	5	12.7	NICHOLAS KY	93	158	399	96 97
		8	8.7	6	4.7	OHIO KY		-46		38
1	2.1	3	5.3	4	4.9	OLDHAM KY	153	-8	134	78 40
		1	1.8	7*	14.7	OWEN KY		732		98
		2	6.7	3	10.4	OWSLEY KY		56		94
1	1.9	4	6.9	3	5.0	PENDLETON KY	267	-28	166	82 42
2	1.7	2	1.7	5	3.8	PERRY KY	-2	128	124	76 26
7	2.2	12	4.4	18	6.0	PIKE KY	95	38	169	83 59
		2	5.4	1	2.1	POWELL KY		-61		11
2	1.4	12	6.7	13	6.4	PULASKI KY	396	-5	370	95 65
1	8.8	1	4.9			ROBERTSON KY	-44			

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA — ICD 159.1,200, 202.0,.1,.8,.9

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
		2	3.0	3	3.9	ROCKCASTLE KY		29			26
1	1.7	1	1.7	3	4.4	ROWAN KY	1	154	156	81	32
1	1.9	4	6.4	7	9.4	RUSSELL KY	237	48	396	95	90
3	4.2	5	6.7	4	4.8	SCOTT KY	61	-28	15	35	39
3	3.6	3	3.1	5	4.9	SHELBY KY	-12	55	36	47	39
		3	6.0	3	5.0	SIMPSON KY		-17			41
1	3.9	1	3.9			SPENCER KY	-2				
		3	3.8	7	7.8	TAYLOR KY		106			82
3	6.9	3	5.7	2	3.7	TODD KY	-17	-34	-46	07	25
3	7.0	3	6.9	5	10.3	TRIGG KY	-2	49	47	53	93
1	3.3			2	6.8	TRIMBLE KY			109	74	71
2	3.3	8*	11.4	5	7.6	UNION KY	246	-34	129	77	80
13	7.7	10	4.7	15	6.4	WARREN KY	-39	35	-17	18	65
1	1.9	4	8.3			WASHINGTON KY	341				
		1	1.3	1	1.2	WAYNE KY		-8			08
2	2.3	4	5.6	7	8.8	WEBSTER KY	145	58	287	92	88
4	3.4	1	.9	7	4.9	WHITLEY KY	-74	459	43	51	40
		2	6.5			WOLFE KY					
1	2.3	4	8.2			WOODFORD KY	262				
340	4.1	492	4.9	658	5.8	LOUISIANA LA	20	18	42		
11	7.0	9	5.4	13	7.0	ACADIA LA	-23	30	0	27	73
2	3.3	7	9.0	5	5.9	ALLEN LA	169	-34	77	65	57
2	3.0	6	7.3	4	4.2	ASCENSION LA	144	-43	40	50	30
1	2.4			1	1.8	ASSUMPTION LA			-24	14	10
1	.8	2	1.3	9	5.8	AVOYELLES LA	75	337	665	98	56
4	5.7	3	3.9	1	1.0	BEAUREGARD LA	-31	-76	-83	00	07
1	2.3	3	4.8	5	8.1	BIENVILLE LA	107	70	253	90	84
2	2.9	11	8.5	8	3.4	BOSSIER LA	194	-60	18	36	22
19	3.4	29	4.9	42	6.1	CADDO LA	45	26	82	67	61
18	5.3	26	6.2	35	7.8	CALCASIEU LA	18	27	49	54	82
2	5.4	1	3.2	2	5.2	CALDWELL LA	-40	61	-3	26	45
		3	9.1	1	2.5	CAMERON LA		-73			13
1	3.4	2	4.8	4	8.9	CATAHOULA LA	43	85	164	82	89
1	1.4	3	6.6	5	9.7	CLAIBORNE LA	362	47	581	98	92
1	2.5	1	1.3	3	4.9	CONCORDIA LA	-47	261	91	69	39
1	1.6	3	4.2	2	2.5	DE SOTO LA	165	-39	62	59	14
12	2.8	32	5.4	44	5.4	EAST BATON ROUGE LA	97	0	97	70	49
1	4.8	1	2.9	3	17.1	EAST CARROLL LA	-38	482	259	91	99
		1	1.4			EAST FELICIANA LA					
5	4.0	4	3.2	5	4.4	EVANGELINE LA	-19	37	11	33	33
2	2.8	6	7.2	9	9.9	FRANKLIN LA	158	37	254	90	92
		1	2.0	4	6.0	GRANT LA		207			58
6	5.2	2	1.0	11	6.5	IBERIA LA	-81	569	24	40	66
4	5.2	1	2.0	5	6.5	IBERVILLE LA	-62	225	25	41	66
1	1.7	1	1.9	8*	12.9	JACKSON LA	17	564	676	98	97
15	3.9	41	4.7	70	6.1	JEFFERSON LA	20	30	55	57	59
2	2.3	3	3.0	10	9.0	JEFFERSON DAVIS LA	32	200	295	93	89
11	6.4	15	6.4	27	10.2	LAFAYETTE LA	0	60	60	59	93
6	3.2	12	6.4	11	4.8	LAFOURCHE LA	104	-25	52	55	38
2	3.7	1	1.5	3	4.3	LA SALLE LA	-59	180	15	35	31
3	4.2	7	8.9	4	4.1	LINCOLN LA	110	-54	-3	26	29
6	6.3	1	.8	7	5.7	LIVINGSTON LA	-88	627	-9	22	54
				4	13.7	MADISON LA					98
		6	7.2	5	5.3	MOREHOUSE LA		-26			47
4	3.8	5	4.9	7	5.8	NATCHITOCHES LA	29	18	53	56	54
95	5.4	110	6.3	108	7.3	ORLEANS LA	17	16	36	47	77
14	5.7	17	5.4	15	4.2	OUACHITA LA	-5	-23	-27	13	30
		4	5.5	5	8.8	PLAQUEMINES LA		59			88
3	7.4	3	5.2			POINTE COUPEE LA	-30				
7	2.4	16	4.4	18	4.5	RAPIDES LA	83	3	88	68	34
1	3.3	3	10.1			RED RIVER LA	206				
1	1.5	1	1.3	5	6.6	RICHLAND LA	-12	416	352	94	68
3	3.9	5	6.0	2	1.5	SABINE LA	55	-75	-61	03	09
		2	2.0	10	5.6	ST BERNARD LA		182			51
1	1.8	4	7.0	1	1.4	ST CHARLES LA	295	-80	-19	17	09
				1	4.7	ST HELENA LA					37
3	8.5	3	6.9	3	7.0	ST JAMES LA	-19	1	-18	17	74
1	2.2	4	7.4	1	2.2	ST JOHN THE BAPT LA	231	-71	-3	26	12
7	3.3	8	3.7	14	6.5	ST LANDRY LA	13	76	98	71	66
3	5.0	4	4.7	5	4.5	ST MARTIN LA	-5	-6	-10	22	34
5	5.9	8	7.3	5	3.2	ST MARY LA	23	-55	-45	07	19
5	4.3	5	2.5	14	5.0	ST TAMMANY LA	-42	98	15	35	42
7	3.8	3	1.5	12	5.6	TANGIPAHOA LA	-60	264	45	52	51
1	5.8					TENSAS LA					
10	8.0	12	5.8	10	4.7	TERREBONNE LA	-27	-19	-40	08	38
2	3.1	2	2.6	6	7.5	UNION LA	-14	188	147	80	80
7	4.8	7	3.9	10	5.2	VERMILION LA	-18	33	9	32	45
4	6.1	1	1.0	11	10.0	VERNON LA	-84	899	64	60	92
5	4.4	6	4.7	4	2.8	WASHINGTON LA	6	-40	-36	10	16
2	1.9	8	6.1	11	6.7	WEBSTER LA	216	9	246	90	69
				2	3.9	WEST BATON ROUGE LA					27
5	9.7	3	4.9	5	7.1	WEST CARROLL LA	-49	44	-27	13	75
				1	8.2	WEST FELICIANA LA					84
1	1.8	4	6.3	2	2.9	WINN LA	243	-54	57	58	16
187	4.0	249	5.2	319	6.2	MAINE ME	30	19	54		
21	5.3	20	4.7	29	6.4	ANDROSCOGGIN ME	-11	36	21	38	65
12	3.0	18	4.5	22	5.5	AROOSTOOK ME	52	20	83	67	49
32	3.7	51	5.9	67	6.9	CUMBERLAND ME	58	18	86	68	73
3	3.5	4	3.7	12	10.3	FRANKLIN ME	6	179	195	86	93
5	2.5	8	4.0	6	2.7	HANCOCK ME	62	-32	10	32	15
14	3.1	27	6.0	27	5.4	KENNEBEC ME	94	-10	75	64	48
9	5.2	10	6.0	7	3.5	KNOX ME	15	-41	-32	11	23
6	5.9	6	4.5	7	5.2	LINCOLN ME	-24	16	-13	20	45
13	5.6	16	6.9	21	8.3	OXFORD ME	24	20	48	53	85
27	5.2	24	4.5	39	6.9	PENOBSCOT ME	-13	54	33	46	72
2	2.4	4	4.3	10	9.8	PISCATAQUIS ME	80	130	314	93	92

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
3	2.8	7	5.9	10	8.2	SAGADAHOC ME	114	38	196	86	84
4	1.9	6	2.9	13	6.1	SOMERSET ME	55	108	223	88	59
9	7.2	6	4.8	7	5.5	WALDO ME	-32	15	-23	15	51
9	4.8	7	4.1	7	3.6	WASHINGTON ME	-14	-13	-25	14	23
18	3.8	35	6.7	35	5.8	YORK ME	78	-13	54	56	55
422	4.4	648	5.6	790	5.8	MARYLAND MD	26	5	32		
11	2.5	15	3.4	22	5.2	ALLEGANY MD	35	53	106	73	44
8	2.1	38	5.4	42	4.2	ANNE ARUNDEL MD	157	-22	99	71	30
62	5.2	102	5.5	160	5.9	BALTIMORE MD	5	8	14	34	57
1	2.1	1	2.2	4	3.8	CALVERT MD	6	67	78	66	25
7	8.3	8	8.7	6	6.1	CAPOLINE MD	6	-30	-27	13	60
11	4.4	12	4.1	16	5.0	CARROLL MD	-8	22	12	34	41
3	2.0	9	4.7	14	6.7	CECIL MD	140	44	245	90	70
3	4.8	8	8.9	2	1.4	CHARLES MD	85	-85	-72	01	08
5	4.1	9	6.8	7	6.2	DORCHESTER MD	68	-9	52	55	61
18	6.2	18	5.4	15	4.0	FREDERICK MD	-13	-25	-34	10	28
5	5.1	2	1.9	6	5.0	GARRETT MD	-64	169	-2	26	42
9	4.2	16	5.4	21	5.2	HARFORD MD	27	-3	23	40	46
4	3.7	7	4.6	18	7.4	HOWARD MD	24	60	98	71	78
3	4.9	7	10.7	6	7.4	KENT MD	119	-31	52	55	79
41	5.2	96	6.6	125	6.3	MONTGOMERY MD	28	-5	21	38	63
27	4.1	67	4.7	93	6.0	PRINCE GEORGE'S MD	15	28	47	52	58
3	4.7			4	4.4	QUEEN ANNE'S MD			-8	23	33
5	4.3	7	8.5	10	7.5	ST MARY'S MD	95	-12	72	63	79
5	6.3	10*	13.4	3	3.7	SOMERSET MD	114	-72	-41	08	24
7	8.2	8	7.7	6	5.1	TALBOT MD	-5	-34	-38	09	43
19	4.7	26	6.5	34	7.0	WASHINGTON MD	38	7	48	53	73
8	4.2	11	6.2	12	5.6	WICOMICO MD	47	-8	35	47	52
3	3.0	5	5.2	8	7.9	WORCESTER MD	73	52	164	82	82
154	4.7	166	5.7	156	6.5	BALTIMORE CITY MD	21	13	37	48	66
1076	4.6	1308	5.3	1587	6.1	MASSACHUSETTS MA	14	17	33		
18	5.8	27	5.8	56	7.7	BARNSTABLE MA	0	33	33	46	81
23	3.5	37	5.3	38	5.0	BERKSHIRE MA	50	-5	42	51	42
82	4.2	86	4.2	142	6.5	BRISTOL MA	0	54	54	56	66
2	6.6	3	9.8	2	7.0	DUKES MA	48	-29	5	30	73
104	3.8	173	5.8	195	6.4	ESSEX MA	53	9	67	61	65
14	4.6	18	6.3	19	5.8	FRANKLIN MA	38	-8	26	41	55
93	5.0	111	5.4	128	6.3	HAMPDEN MA	8	16	25	41	63
18	4.1	20	3.8	33	5.9	HAMPSHIRE MA	-7	53	43	51	56
232	4.5	289	5.2	370	6.3	MIDDLESEX MA	15	22	40	49	62
		1	5.4	4*	25.5	NANTUCKET MA		372			99
109	5.4	120	4.9	182	6.7	NORFOLK MA	-9	36	24	40	69
39	3.9	69	5.3	85	5.7	PLYMOUTH MA	38	8	49	53	53
225*	5.7	208	5.9	171	5.9	SUFFOLK MA	4	-1	3	29	56
117	4.1	146	4.9	162	5.2	WORCESTER MA	19	6	27	42	46
1461*	4.9	1978*	6.0	2249*	6.5	MICHIGAN MI	23	8	32		
3	7.7	3	7.8	5	7.4	ALCONA MI	1	-5	-4	25	78
2	4.5	3	5.7	5	8.5	ALGER MI	26	50	89	68	87
15	5.9	21	7.5	21	6.6	ALLEGAN MI	28	-11	13	34	69
2	1.6	6	4.8	13	9.3	ALPENA MI	191	95	466	97	90
3	4.3	4	5.4	6	5.8	ANTRIM MI	26	8	35	47	55
3	6.6	4	7.3	6	7.7	ARENAC MI	10	5	16	36	80
4	9.0			2	3.6	BARAGA MI			-60	03	23
13*	8.9	11	6.3	9	4.4	BARRY MI	-28	-30	-50	06	33
21	5.1	26	5.8	26	5.3	BAY MI	15	-9	5	30	47
3	6.7	6*	12.0	5	10.3	BENZIE MI	79	-14	54	57	93
29	5.1	52*	8.2	45	6.7	BERRIEN MI	61	-18	32	45	70
3	1.8	4	2.2	12	6.4	BRANCH MI	18	195	249	90	65
23	4.3	33	5.8	41	6.9	CALHOUN MI	34	20	60	59	72
6	4.2	11	6.2	8	4.4	CASS MI	47	-29	5	30	33
2	2.6	7	9.0	8	8.6	CHAPLEVOIX MI	246	-4	231	89	87
3	4.2	9*	11.4	4	3.8	CHEBOYGAN MI	174	-66	-8	23	26
3	2.5	7	5.3	11	7.5	CHIPPEWA MI	113	40	199	86	79
5	10.1	3	3.5	8	7.1	CLARE MI	-66	105	-30	12	75
8	5.5	6	3.2	17	9.7	CLINTON MI	-41	201	78	65	92
1	3.9	1	3.0	2	5.3	CRAWFORD MI	-24	77	34	46	46
7	3.7	10	5.6	14	6.9	DELTA MI	51	24	86	68	72
8	6.2	5	3.4	12	7.5	DICKINSON MI	-46	125	21	39	80
11	5.1	16	6.8	19	6.4	EATON MI	33	-5	26	42	66
3	3.9	4	4.8	7	7.6	EMMET MI	23	56	92	69	80
61	5.0	79	5.7	111*	7.6	GENESEE MI	12	34	51	55	80
1	3.1	4	6.2	7	7.8	GLADWIN MI	99	26	150	80	81
4	2.9	6	4.0	8	5.4	GOGEBIC MI	35	35	82	67	47
6	3.2	14	7.5	16	7.8	GRAND TRAVERSE MI	131	4	139	78	81
7	3.9	9	5.2	11	6.3	GRATIOT MI	32	22	61	59	63
3	1.6	7	3.9	8	4.3	HILLSDALE MI	144	10	168	82	32
4	1.6	6	2.9	13	5.6	HOUGHTON MI	80	94	251	90	52
11	6.0	11	7.0	16	7.9	HURON MI	17	12	31	44	82
51*	7.2	64*	8.3	46	5.4	INGHAM MI	16	-35	-24	15	49
11	5.2	8	3.9	13	6.4	IONIA MI	-25	64	23	39	65
1	1.4	1	1.3	3	2.7	IOSCO MI	-11	112	89	68	15
6	5.8	7	6.9	3	2.5	IRON MI	19	-64	-57	04	14
4	3.5	11	8.3	14	8.8	ISABELLA MI	136	6	151	80	88
28	5.2	40	7.2	40	6.8	JACKSON MI	36	-5	30	44	72
23	3.8	56*	7.9	56	7.9	KALAMAZOO MI	107	1	108	73	82
1	2.7			3	8.3	KALKASKA MI			205	87	85
83*	5.9	103	6.6	128*	7.6	KENT MI	12	15	28	42	80
		1	4.5	2	10.1	KEWEENAW MI		126			93
2	6.0	3	7.5	2	3.6	LAKE MI	24	-52	-40	08	23
2	.9	15	7.3	12	4.9	LAPEER MI	753	-33	472	97	40
2	4.1	1	1.6	2	2.6	LEELANAU MI	-60	65	-35	10	14
26*	7.8	18	5.2	18	4.9	LENAWEE MI	-32	-6	-36	10	40
9	5.3	12	6.2	28*	9.8	LIVINGSTON MI	18	57	85	68	92
2	3.7	3	5.6	4	9.9	LUCE MI	53	75	167	82	92

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
2	4.1	2	3.9	7*	12.7	MACKINAC MI	-5	228	211	88	97
47	4.1	93	5.5	140	6.3	MACOMB MI	34	14	53	55	64
4	4.0	7	6.7	5	3.7	MANISTEE MI	67	-44	-7	23	25
13	4.8	11	4.2	13	4.7	MARQUETTE MI	-11	10	-2	26	36
		5	3.7	10	7.5	MASON MI		101			80
5	5.3	4	4.0	7	5.4	MECOSTA MI	-25	37	2	28	48
4	3.1	3	2.2	11	7.4	MENOMINEE MI	-30	244	141	79	78
5	3.4	15	6.8	18	7.9	MIDLAND MI	101	15	132	78	82
3	7.5			3	7.8	MISSAUKEE MI			4	29	81
22	6.2	23	5.1	40	8.4	MONROE MI	-17	63	35	47	86
10	5.4	9	4.9	14	6.4	MONTCALM MI	-10	31	17	36	64
20	3.7	40	6.7	33	5.2	MUSKEGON MI	79	-22	39	49	45
7	5.8	7	5.0	6	3.7	NEWAYGO MI	-14	-26	-36	10	24
96	5.0	176	5.8	249	6.8	OAKLAND MI	17	17	37	48	71
5	5.8	9	9.4	1	.9	OCEANA MI	60	-90	-84	00	07
2	3.1	3	4.0	5	4.7	OGEMAW MI	30	17	51	55	37
8*	10.8			4	7.0	ONTONAGON MI			-36	10	73
2	3.0	2	2.9	8	8.4	OSCEOLA MI	-6	195	178	84	86
2	14.4	3	10.9	6*	13.9	OSCODA MI	-24	27	-4	25	98
		2	5.0	9*	15.4	OTSEGO MI		211			98
18	5.0	28	6.4	38	7.0	OTTAWA MI	28	10	40	50	74
1	1.7	9*	12.3	3	3.8	PRESQUE ISLE MI	612	-69	120	76	26
		5	9.0	11*	10.8	ROSCOMMON MI		20			94
33	4.7	56	7.5	55	6.8	SAGINAW MI	58	-9	44	52	71
20	4.2	24	4.5	39	6.7	ST CLAIR MI	7	48	59	58	70
8	4.0	15	7.0	19	8.1	ST JOSEPH MI	73	16	100	72	84
10	5.6	9	5.2	9	4.6	SANILAC MI	-6	-12	-17	18	36
1	2.0	3	7.1	5	10.4	SCHOOLCRAFT MI	251	47	414	96	93
22*	9.4	21*	8.9	21	7.9	SHIAWASSEE MI	-6	-12	-16	18	82
11	5.2	8	3.8	16	7.0	TUSCOLA MI	-28	86	34	46	74
11	4.9	11	4.3	12	4.5	VAN BUREN MI	-12	4	-9	22	34
30	5.7	35	6.0	47	6.7	WASHTENAW MI	4	12	17	36	70
509*	5.1	602*	6.2	508	6.0	WAYNE MI	20	-3	16	36	58
1	1.2	7	7.9	7	6.4	WEXFORD MI	579	-19	449	96	64
678	4.3	1054*	6.1	1220*	6.6	MINNESOTA MN	42	8	53		
2	2.5	6	6.3	3	4.0	AITKIN MN	150	-37	58	58	28
3	.9	27*	7.4	34	7.6	ANOKA MN	724	3	749	99	80
7	5.3	10	7.3	7	4.8	BECKER MN	37	-34	-10	22	38
3	2.4	2	1.8	4	3.3	BELTRAMI MN	-25	87	41	50	20
3	3.8	8	9.3	8	8.1	BENTON MN	144	-13	113	74	84
6*	12.8	5	9.2	2	2.6	BIG STONE MN	-28	-72	-80	01	14
8	3.9	15	6.8	12	5.4	BLUE EARTH MN	73	-21	37	48	49
6	4.3	11	7.0	9	6.0	BROWN MN	65	-14	41	50	59
6	4.7	7	4.9	11	7.6	CARLTON MN	5	54	61	59	80
6	6.1	5	4.5	5	3.3	CARVER MN	-27	-26	-47	07	20
3	3.4	6	4.0	14*	9.1	CASS MN	20	125	171	83	90
4	4.2	7	7.3	7	6.5	CHIPPEWA MN	73	-11	54	56	67
4	4.4	6	5.7	5	4.5	CHISAGO MN	32	-22	2	28	34
9	6.3	13	7.4	12	6.2	CLAY MN	18	-17	-3	26	61
		1	2.0	5	6.6	CLEARWATER MN		225			68
2	10.8	1	4.5	1	5.4	COOK MN	-58	20	-50	05	48
4	4.6	6	6.5	10	10.4	COTTONWOOD MN	42	61	128	77	94
4	1.9	13	6.2	14	6.4	CROW WING MN	222	2	228	89	64
13	4.9	27	7.4	35	7.5	DAKOTA MN	52	1	54	56	79
9*	12.9	4	5.5	5	7.9	DODGE MN	-58	44	-39	09	83
3	2.2	9	6.0	11	6.3	DOUGLAS MN	172	6	189	85	63
3	2.3	8	6.2	11	8.0	FARIBAULT MN	176	28	252	90	83
7	4.6	8	5.2	7	5.6	FILLMORE MN	12	8	20	37	51
11	6.4	4	2.2	15	7.2	FREEBORN MN	-66	236	14	34	77
8	4.5	15	7.2	18	7.8	GOODHUE MN	60	8	73	63	81
3	5.2	3	4.8	5	7.8	GRANT MN	-9	63	49	54	81
149	4.4	236	6.3	270*	7.1	HENNEPIN MN	43	12	60	59	75
1	1.2	8	7.4	6	5.8	HOUSTON MN	534	-22	394	95	54
4	6.1	4	6.1	4	4.5	HUBBARD MN	-1	-26	-26	14	35
3	3.9	6	6.5	3	2.9	ISANTI MN	66	-54	-25	14	17
4	2.2	19*	9.8	17	8.0	ITASCA MN	353	-18	270	91	83
5	6.2	10*	11.3	7	8.9	JACKSON MN	81	-21	42	51	89
3	5.0	3	5.0	4	6.0	KANABEC MN	-1	19	19	37	58
6	3.8	7	3.7	19*	9.7	KANDIYOHI MN	-4	165	153	81	92
2	6.5	3	5.6	1	1.4	KITTSON MN	-14	-75	-79	01	09
4	4.2	1	1.0	8	8.5	KOOCHICHING MN	-77	776	103	72	86
2	2.3	7	7.8	6	8.5	LAC QUI PARLE MN	244	9	277	92	86
2	3.1	3	4.9	1	1.4	LAKE MN	59	-71	-54	04	09
3	10.2			1	3.0	LAKE OF THE WOODS MN			-71	02	17
		9	7.0	8	6.3	LE SUEUR MN		-11			62
		5	8.5	3	6.8	LINCOLN MN		-19			72
3	2.9	6	5.0	5	4.0	LYON MN	70	-19	38	49	28
5	4.0	10	7.2	11	6.9	MC LEOD MN	79	-4	71	63	72
		5*	18.9			MAHNOMEN MN					
2	2.7	1	1.0	4	4.7	MARSHALL MN	-64	370	71	63	37
6	4.8	12	8.4	11	7.3	MARTIN MN	73	-12	52	55	78
4	3.9	5	5.3	8	7.5	MEEKER MN	35	41	92	69	79
3	3.6	8	8.6	8	6.1	MILLE LACS MN	136	-29	67	62	59
6	4.4	6	4.4	8	5.2	MORRISON MN	1	19	20	37	45
4	1.8	14	6.3	19	8.5	MOWER MN	253	35	377	95	86
1	1.4	2	2.6	4	4.8	MURRAY MN	80	90	241	89	39
7	6.1	9	7.9	9	8.1	NICOLLET MN	29	2	32	45	84
6	6.1	10	9.1	6	4.3	NOBLES MN	50	-53	-29	12	31
1	1.4	2	2.3	4	5.1	NORMAN MN	67	127	279	92	44
25*	10.2	28*	9.1	19	5.9	OLMSTED MN	-10	-35	-42	08	57
10	3.3	13	4.0	20	5.1	OTTER TAIL MN	21	28	56	57	43
4	5.4	11*	13.7	4	4.3	PENNINGTON MN	152	-69	-21	16	32
4	4.0	5	4.4	5	5.1	PINE MN	10	17	28	43	44
		2	2.4	7	10.0	PIPESTONE MN		321			92
8	4.4	16	7.6	15	7.5	POLK MN	73	-1	72	63	79
2	2.5	4	5.8	5	7.2	POPE MN	130	24	185	85	77
96*	5.8	104	5.5	138	7.2	RAMSEY MN	-5	32	25	41	77
2	5.3	1	2.6	2	4.9	RED LAKE MN	-50	87	-7	24	40

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WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
8	7.1	6	4.7	5	4.7	REDWOOD MN	-33	-1	-34	10	37
2	1.4	9	6.1	6	4.3	RENVILLE MN	326	-31	196	86	31
10	5.6	9	4.6	22*	10.5	RICE MN	-19	131	87	68	94
2	3.2	3	6.3	2	3.1	ROCK MN	95	-50	-2	26	19
		2	4.2	5	6.3	ROSEAU MN		50			63
58	4.8	81	6.7	69	5.9	ST LOUIS MN	39	-12	22	39	57
2	2.2	5	4.4	15*	11.3	SCOTT MN	102	158	421	96	95
2	3.3	4	5.3	9	9.7	SHERBURNE MN	60	82	192	86	92
4	4.6	4	4.0	8	8.1	SIBLEY MN	-14	104	76	65	84
12	3.8	21	5.7	27	6.3	STEARNS MN	52	9	67	62	62
5	4.4	9	6.9	11	7.9	STEELE MN	58	14	80	66	82
2	3.6			5	9.4	STEVENS MN			162	82	90
1	1.0	7	8.7	4	5.6	SWIFT MN	801	-35	481	97	52
6	5.0	8	5.2	6	3.7	TODD MN	5	-29	-25	14	25
1	2.4	2	4.7	2	4.7	TRAVERSE MN	92	1	94	70	38
2	1.9	4	5.1	7	6.4	WABASHA MN	166	26	234	89	66
5	7.6	4	5.6	5	7.9	WADENA MN	-27	41	4	29	82
3	3.4	7	7.6	6	6.4	WASECA MN	126	-15	91	69	66
6	3.1	16	6.5	20	6.7	WASHINGTON MN	112	4	121	76	70
7*	9.6	8	10.0	7	8.4	WATONWAN MN	4	-16	-13	20	86
2	4.7	1	2.1	3	7.9	WILKIN MN	-56	282	69	62	83
7	3.4	7	3.3	13	5.5	WINONA MN	-4	68	61	59	51
5	3.6	9	5.0	13	5.5	WRIGHT MN	40	10	54	57	51
2	2.2	6	6.5	10	12.5	YELLOW MEDICINE MN	198	93	476	97	97
206	3.8	333	5.4	362	5.2	MISSISSIPPI MS	45	-5	37		
2	2.1	4	6.0	5	5.2	ADAMS MS	187	-13	149	80	45
3	2.9	9	7.7	4	3.1	ALCORN MS	168	-60	8	31	18
2	4.5			2	4.9	AMITE MS			11	32	40
2	2.4	4	5.7	5	7.0	ATTALA MS	135	22	188	85	73
				1	3.2	BENTON MS					19
2	2.6	2	2.1	3	3.7	BOLIVAR MS	-19	75	42	50	24
1	1.6	5	7.4	2	3.1	CALHOUN MS	377	-58	99	71	18
		3	10.9	1	3.0	CARROLL MS		-73			17
		5	8.9	1	2.1	CHICKASAW MS		-76			11
		2	5.2	5	11.7	CHOCTAW MS		124			96
		1	6.6	4*	24.2	CLAIBORNE MS		266			99
1	1.8	2	3.6	2	4.1	CLARKE MS	94	15	124	76	29
2	5.5	2	5.7	3	5.8	CLAY MS	3	3	6	30	56
8*	12.8	3	5.2	6	8.8	COAHOMA MS	-59	68	-31	12	88
3	3.7	3	3.5	1	1.4	COPIAH MS	-5	-61	-63	03	08
1	2.1	2	4.2	2	3.1	COVINGTON MS	95	-25	46	52	18
4	10.4	1	1.6	2	1.4	DE SOTO MS	-85	-12	-87	00	08
5	3.5	9	5.7	11	6.1	FORREST MS	63	8	76	64	59
2	5.0	2	4.2	3	4.9	GEORGE MS	-15	17	-1	27	41
1	4.6			2	5.0	GREENE MS			8	31	42
2	5.2	3	6.0	5	7.8	GRENADA MS	15	31	50	54	81
5	9.7	2	3.5	5	5.4	HANCOCK MS	-64	53	-44	07	48
13	3.9	23	6.0	24	5.0	HARRISON MS	52	-17	26	41	41
24*	6.6	28	6.0	30	5.5	HINDS MS	-9	-9	-17	18	50
1	3.5	2	4.0	1	2.8	HOLMES MS	15	-30	-20	16	16
2	6.4	3	10.8			HUMPHREYS MS	69				
2	2.8	2	2.8	3	3.2	ITAWAMBA MS	-2	16	14	34	19
3	2.2	6	4.9	16	6.1	JACKSON MS	123	26	181	84	60
1	2.3	2	5.3	3	5.4	JASPER MS	132	2	137	78	49
1	5.7	1	6.6	1	6.5	JEFFERSON MS	17	-2	15	35	67
1	3.3			1	2.6	JEFFERSON DAVIS MS			-21	15	14
1	.4	14	7.0	10	4.5	JONES MS	1885	-35	1162	99	35
3	9.1			1	2.8	KEMPER MS			-69	02	16
2	4.1	4	6.6	3	3.7	LAFAYETTE MS	61	-44	-9	22	25
1	2.3	3	5.2	6	9.0	LAMAR MS	127	74	297	93	89
7	3.8	19*	9.0	10	4.2	LAUDERDALE MS	136	-53	10	32	30
2	5.6	2	5.8			LAWRENCE MS	5				
2	3.2	6	8.8	2	2.5	LEAKE MS	177	-72	-21	16	13
7	4.6	12	7.8	11	6.3	LEE MS	71	-19	39	49	64
4	5.7	9*	13.2	6	6.6	LEFLORE MS	130	-50	15	35	68
2	2.2	3	3.3	7	7.0	LINCOLN MS	51	116	226	89	74
		10	8.6	15*	12.0	LOWNDES MS		39			96
		2	3.7	6	8.8	MADISON MS		137			89
6	9.0	4	5.3	5	5.8	MARION MS	-42	10	-36	10	54
6*	17.3	1	5.0	3	5.5	MARSHALL MS	-71	12	-68	02	51
4	4.1	4	3.4	4	3.1	MONROE MS	-17	-9	-25	14	18
2	4.8	2	4.4			MONTGOMERY MS	-8				
3	3.7	4	4.7	4	4.3	NESHOBA MS	28	-9	17	36	32
1	1.3	2	2.6	2	2.5	NEWTON MS	102	-4	95	70	14
1	4.0	3	11.3	3	9.9	NOXUBEE MS	186	-13	149	80	92
		4	6.7	5	7.5	OKTIBBEHA MS		12			79
2	3.3	3	4.1	2	2.4	PANOLA MS	24	-41	-27	14	13
		7	7.2	7	7.2	PEARL RIVER MS		-1			76
		1	3.5	1	4.2	PERRY MS		20			30
5	5.8	7	6.9	9	8.2	PIKE MS	19	18	41	50	85
1	1.2	2	2.2	5	5.7	PONTOTOC MS	82	156	366	95	54
1	1.2	2	2.4	5	5.4	PRENTISS MS	95	124	337	94	48
2	4.2	2	4.9	1	3.3	QUITMAN MS	18	-33	-21	16	20
5	5.5	5	4.2	8	3.8	RANKIN MS	-25	-9	-32	11	25
2	3.4	2	2.7	2	3.0	SCOTT MS	-20	11	-12	21	18
1	8.1	1	4.7	1	6.7	SHARKEY MS	-42	42	-17	17	69
2	2.9	4	5.4	5	6.4	SIMPSON MS	88	18	122	76	64
2	3.1	4	7.2	2	3.3	SMITH MS	134	-54	7	31	20
1	6.1	3	9.5			STONE MS	56				
3	4.6	4	5.1	7	10.7	SUNFLOWER MS	10	110	130	77	94
1	2.0	2	4.9	2	4.9	TALLAHATCHIE MS	143	1	145	79	40
		4	9.6	1	1.5	TATE MS		-85			09
2	3.3	1	1.2	2	2.7	TIPPAH MS	-64	123	-19	17	15
2	2.9	6	7.7	6	6.3	TISHOMINGO MS	168	-18	120	75	63
				1	9.7	TUNICA MS					92
3	3.9	2	2.4	3	3.0	UNION MS	-40	27	-24	15	17
4*	10.0	3	6.9	3	6.3	WALTHALL MS	-31	-10	-37	09	62
1	1.0	7	6.2	9	8.5	WARREN MS	547	36	782	99	86

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
3	3.1	8	6.4	9	7.4	WASHINGTON MS	107	16	140	78	78
4	7.9	1	1.9	4	6.9	WAYNE MS	-75	256	-12	21	73
1	2.2	2	3.9	2	3.6	WEBSTER MS	79	-8	64	60	23
2	8.7	7*	36.4	1	4.6	WILKINSON MS	318	-87	-48	06	35
4	6.6			3	4.4	WINSTON MS			-33	11	33
3	6.7	1	1.9	1	1.5	YALOBUSHA MS	-72	-17	-77	01	09
1	2.2	3	5.1	3	4.8	YAZOO MS	131	-6	117	75	38
834	4.3	1127	5.4	1254	5.7	MISSOURI MO	26	6	34		
3	2.9	5	5.1	4	3.3	ADAIR MO	76	-36	12	33	20
2	2.5	4	6.0	4	4.5	ANDREW MO	135	-25	77	65	35
5	8.0	4	6.8	8*	12.5	ATCHISON MO	-16	84	55	57	97
7	6.2	9	6.9	12	9.4	AUDRAIN MO	12	36	53	56	90
12*	10.1	7	5.6	10	5.4	BARRY MO	-45	-4	-47	07	48
2	3.2	3	3.4	4	4.9	BARTON MO	7	44	54	56	40
2	2.0	6	5.0	6	5.8	BATES MO	157	15	195	86	54
1	1.6	2	1.9	2	2.4	BENTON MO	22	23	50	54	13
				2	2.6	BOLLINGER MO					14
6	3.0	17	7.4	15	5.2	BOONE MO	149	-29	76	65	46
21	4.2	28	5.9	27	5.8	BUCHANAN MO	43	-2	40	49	55
4	2.7	7	3.9	12	6.4	BUTLER MO	44	62	133	78	65
2	2.3			2	2.7	CALDWELL MO			19	37	15
5	3.8	9	6.4	9	6.3	CALLAWAY MO	66	-1	64	60	63
3	5.3	3	2.9	8	7.6	CAMDEN MO	-46	163	42	51	80
5	2.5	11	5.0	10	3.9	CAPE GIRARDEAU MO	105	-22	60	59	27
7	7.9	5	5.6	10*	14.4	CARROLL MO	-27	149	83	67	98
				1	2.8	CARTER MO					15
5	3.6	6	4.2	14	7.7	CASS MO	16	83	113	74	80
3	4.5	3	3.9	7	9.1	CEDAR MO	-15	135	99	71	89
5	4.8	5	5.6	2	3.0	CHARITON MO	19	-47	-37	09	17
5	6.8	4	5.0	8	8.8	CHRISTIAN MO	-26	74	30	43	88
1	1.4	2	4.8	3	5.0	CLARK MO	234	5	249	90	42
11	4.6	19	5.6	19	4.2	CLAY MO	22	-26	-9	22	30
2	2.3	4	7.2	3	3.9	CLINTON MO	209	-46	66	61	27
5	2.8	12	6.6	13	6.1	COLE MO	132	-7	114	75	60
1	1.0	3	3.4	5	5.4	COOPER MO	236	59	434	96	49
5	6.9	6	5.7	6	7.5	CRAWFORD MO	-17	30	8	31	79
2	3.7	3	7.1	2	2.7	DADE MO	91	-62	-27	13	15
2	3.8	2	3.8	5	5.7	DALLAS MO	-1	51	50	54	53
1	1.4	1	1.3	3	4.3	DAVIESS MO	-3	223	212	88	31
4	6.6	1	3.8	2	2.8	DE KALB MO	-42	-26	-57	04	16
3	5.4	4	4.7	2	2.1	DENT MO	-13	-54	-60	03	12
2	3.0	4	6.5	4	5.2	DOUGLAS MO	118	-20	73	64	44
7	4.2	4	2.5	10	5.7	DUNKLIN MO	-40	127	37	47	53
5	2.2	18	7.0	17	5.3	FRANKLIN MO	222	-25	143	79	47
5	5.7	3	4.0	9	10.4	GASCONADE MO	-30	159	81	66	93
2	4.7	5	8.5	5	6.2	GENTRY MO	81	-27	32	45	61
26	4.6	51*	7.9	60	8.0	GREENE MO	70	2	73	64	83
6	6.5	3	4.2	5	5.8	GRUNDY MO	-35	37	-11	21	54
5	7.3	7	8.5	1	1.4	HARRISON MO	17	-84	-81	00	09
5	4.6	10	7.5	7	4.5	HENRY MO	62	-40	-3	26	34
1	3.8	8*	18.2	4	6.4	HICKORY MO	373	-65	65	61	64
3	4.8	4	5.9	1	3.6	HOLT MO	23	-40	-26	14	23
5	7.4	1	1.4	3	5.2	HOWARD MO	-81	271	-30	12	45
3	2.3	6	4.1	10	5.7	HOWELL MO	77	38	144	79	53
2	3.7	1	1.6	2	2.6	IRON MO	-58	68	-29	13	14
113	4.8	170*	6.7	130	5.4	JACKSON MO	38	-20	11	33	48
19	4.8	30	7.4	33	7.9	JASPER MO	56	6	65	61	82
13	5.6	16	4.3	29	7.0	JEFFERSON MO	-22	60	25	40	73
2	1.9	7	5.4	9	6.7	JOHNSON MO	190	25	261	91	70
5*	11.3	3	7.2	5	15.3	KNOX MO	-36	113	36	47	98
3	2.8	5	4.4	5	4.3	LACLEDE MO	54	-1	53	56	32
12*	8.3	15*	10.7	9	5.7	LAFAYETTE MO	28	-47	-32	11	53
4	2.9	9	5.3	9	4.5	LAWRENCE MO	85	-16	55	57	34
6	10.4	5	7.1	9*	13.8	LEWIS MO	-31	94	33	46	98
3	2.6	6	6.4	6	5.0	LINCOLN MO	144	-21	92	69	42
5	4.3	5	4.3	4	3.6	LINN MO	0	-16	-16	18	23
5	5.4	5	5.6	3	3.5	LIVINGSTON MO	5	-37	-34	10	22
5	7.3	3	3.9	3	3.8	MC DONALD MO	-47	-2	-48	06	26
8	6.5	3	2.3	6	5.6	MACON MO	-64	142	-13	20	52
1	1.9	1	1.9			MADISON MO	0				
2	6.0	4	9.1	3	6.5	MARIES MO	52	-29	8	31	66
5	3.2	4	2.6	7	4.0	MARION MO	-16	53	28	42	28
1	2.4	1	2.3	2	4.7	MERCER MO	-3	103	96	70	38
2	2.6	3	2.9	5	5.1	MILLER MO	10	74	91	69	43
3	4.0	2	2.9	3	4.7	MISSISSIPPI MO	-29	65	18	36	37
3	3.7	6	6.7	3	4.3	MONITEAU MO	80	-36	16	35	32
3	3.6	3	4.4	3	4.8	MONROE MO	21	9	32	45	38
1	1.6	6	8.8	4	7.0	MONTGOMERY MO	438	-20	328	94	74
3	5.5	7	10.2	5	5.1	MORGAN MO	85	-51	-9	23	42
1	1.4	4	3.9	5	4.6	NEW MADRID MO	185	17	234	89	35
6	3.8	9	5.4	13	6.6	NEWTON MO	43	22	74	64	67
3	2.2	8	6.6	4	2.9	NODAWAY MO	198	-56	30	44	16
2	3.6	3	4.8	7	10.3	OREGON MO	35	113	189	85	93
2	2.9	6	8.6	6	8.5	OSAGE MO	196	-1	193	86	86
3	6.9	2	3.7	4	6.2	OZARK MO	-46	66	-11	21	61
2	1.6	6	5.4	1	.9	PEMISCOT MO	248	-83	-41	08	07
3	4.2	4	4.4	4	5.2	PERRY MO	5	18	24	40	45
10	5.6	11	5.9	12	6.2	PETTIS MO	4	7	11	33	62
1	.9	9	6.9	11	7.5	PHELPS MO	638	8	700	99	79
5	5.2	6	6.2	6	6.0	PIKE MO	20	-4	15	35	58
4	4.4	8	6.6	8	6.4	PLATTE MO	49	-3	44	51	64
8	8.6	5	4.6	8	7.4	POLK MO	-47	61	-14	19	78
2	1.3	3	3.6	6	6.1	PULASKI MO	183	71	384	95	60
2	4.3	2	3.3	6*	12.1	PUTNAM MO	-23	262	180	84	96
3	5.1	2	3.0	3	4.8	RALLS MO	-1	-3	-5	25	39
13*	9.6	10	7.5	9	6.2	RANDOLPH MO	-21	-18	-35	10	61
4	4.3	6	5.4	12*	11.5	RAY MO	25	115	168	82	95
				1	4.3	REYNOLDS MO					32

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WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
		1	1.1	7	8.2	RIPLEY MO		659			85
11	7.3	11	4.7	21	6.2	ST CHARLES MO	-36	31	-16	19	61
1	1.1	2	2.3	2	4.1	ST CLAIR MO	113	77	277	92	29
1	1.7	4	6.2	5	6.7	STE GENEVIEVE MO	257	8	286	92	69
7	3.6	13	6.7	9	3.9	ST FRANCOIS MO	89	-42	11	33	27
94	4.7	167	5.4	197	5.3	ST LOUIS COUNTY MO	14	-2	13	34	46
7	5.2	8	5.2	9	6.5	SALINE MO	1	25	26	41	67
				2	4.3	SCHUYLER MO					32
3	9.2			2	6.3	SCOTLAND MO			-31	12	63
3	2.1	8	5.5	7	4.5	SCOTT MO	167	-19	117	75	34
1	1.2	5	6.0	3	4.3	SHELBY MO	387	-28	252	90	32
2	1.2	2	1.3	9	6.2	STODDARD MO	7	376	408	96	61
		3	6.5	7	6.2	STONE MO		-6			61
				2	3.7	SULLIVAN MO					24
4	6.5	5	4.8	10	7.2	TANEY MO	-25	49	11	33	76
2	1.7	4	3.4	9	8.5	TEXAS MO	97	151	395	95	87
6	4.6	6	4.2	10	8.2	VERNON MO	-9	95	77	65	84
1	1.8	2	3.0			WARREN MO	63				
1	1.4	2	3.3	10*	12.4	WASHINGTON MO	129	276	762	99	97
2	3.8	2	2.6	4	5.6	WAYNE MO	-31	111	46	52	51
3	3.5	7	8.1	3	4.1	WEBSTER MO	132	-50	17	36	29
1	5.5			1	2.9	WORTH MO			-46	07	17
2	2.2	4	4.6	4	3.6	WRIGHT MO	107	-23	60	58	23
162	5.0	128	5.0	122	6.4	ST LOUIS CITY MO	2	27	30	43	65
114	3.7	190	5.9	178	5.1	MONTANA MT	61	-13	40		
1	1.8	1	2.1	5	10.9	BEAVERHEAD MT	13	427	493	97	95
		4	12.8			BIG HORN MT					
2	5.3	1	2.7	2	5.4	BLAINE MT	-50	103	2	28	49
3	5.7	2	5.9	2	3.4	CARBON MT	3	-42	-40	08	21
1	5.5					CARTER MT					
5	1.6	21	6.8	23	7.0	CASCADE MT	332	2	342	94	74
2	7.0	5*	15.7	2	5.3	CHOUTEAU MT	124	-66	-25	14	46
2	2.6	2	2.7	4	5.8	CUSTER MT	4	115	123	76	55
1	5.1	1	4.4	1	3.6	DANIELS MT	-14	-18	-29	12	23
1	1.9	6*	12.7	2	3.6	DAWSON MT	569	-72	89	68	23
4	3.8	2	1.7	1	1.7	DEER LODGE MT	-54	-5	-56	04	09
1	7.5			2	9.5	FALLON MT			27	42	91
6	6.7	4	5.8	4	4.8	FERGUS MT	-14	-16	-28	13	39
9	5.8	12	6.7	15	7.0	FLATHEAD MT	16	4	21	38	73
2	1.7	6	5.3	7	4.6	GALLATIN MT	212	-13	172	83	36
		1	10.2	1	15.6	GARFIELD MT		53			98
2	10.2			1	3.9	GLACIER MT			-62	03	27
1	7.0	1	9.0			GOLDEN VALLEY MT	29				
		2	10.9	3*	18.7	GRANITE MT		71			99
2	3.0	4	5.7	5	6.4	HILL MT	87	12	110	74	64
1	3.8	1	4.8	1	2.5	JEFFERSON MT	25	-48	-35	10	13
1	5.5	1	6.3	1	4.5	JUDITH BASIN MT	15	-29	-18	17	34
3	3.7	8	11.7	5	4.6	LAKE MT	215	-60	25	40	36
7	5.9	9	6.2	5	3.1	LEWIS AND CLARK MT	5	-50	-48	06	18
1	13.5			1	12.5	LIBERTY MT			-7	23	97
3	6.9	4	5.8	1	1.2	LINCOLN MT	-17	-79	-83	00	08
1	4.6			1	3.7	MC CONE MT			-18	17	25
2	5.7	1	2.6	1	2.8	MADISON MT	-55	8	-52	05	15
		2	14.7	1	5.9	MEAGHER MT		-60			57
		1	7.2			MINERAL MT					
4	2.2	14	6.7	11	4.5	MISSOULA MT	208	-34	105	72	33
		2	7.5	2	5.6	MUSSELSHELL MT		-24			52
2	2.5	3	4.0	5	6.7	PARK#MT	63	67	173	83	70
1	2.4	2	7.1			PHILLIPS MT	193				
3	8.8	2	6.6			PONDERA MT	-25				
1	6.4			2	14.7	POWDER RIVER MT			128	77	98
		2	5.6	1	3.3	POWELL MT		-42			20
		3*	26.2	1	7.3	PRAIRIE MT		-72			77
2	2.4	8	9.6	4	3.9	RAVALLI MT	302	-60	62	59	27
2	3.2	2	3.5	2	3.6	RICHLAND MT	12	2	14	35	23
1	2.0	3	7.7	1	2.9	ROOSEVELT MT	283	-62	47	53	17
2	7.4	2	6.1	2	6.6	ROSEBUD MT	-17	8	-11	21	68
1	2.2	1	2.2	4	8.2	SANDERS MT	-1	266	263	91	84
1	2.1			1	2.6	SHERIDAN MT			28	43	14
9	4.3	8	3.9	11	5.0	SILVER BOW MT	-10	29	16	36	41
1	2.8	1	3.1	1	2.9	STILLWATER MT	12	-6	5	30	17
		3	14.1	1	2.8	SWEET GRASS MT		-80			16
1	2.6	3	7.3	1	1.7	TETON MT	174	-77	-38	09	09
2	5.7	2	6.0	3	12.0	TOOLE MT	5	101	111	74	96
		1	22.1			TREASURE MT					
2	3.4			2	4.0	VALLEY MT			16	36	27
		2	12.4			WHEATLAND MT					
		1	11.1	1	11.8	WIBAUX MT		6			96
15	4.9	23	7.0	25	6.3	YELLOWSTONE MT	43	-9	30	44	64
274	4.0	439	6.0	448	5.9	NEBRASKA NB	52	-2	49		
6	3.8	5	2.8	11	6.7	ADAMS NB	-27	143	77	65	70
1	1.4	6	9.4	5	9.6	ANTELOPE NB	570	1	579	98	91
1*	94.4					ARTHUR NB					
				1	12.5	BLAINE NB					97
3	5.3	2	3.5	2	4.4	BOONE NB	-35	27	-17	18	33
3	4.7	5	8.2	3	3.7	BOX BUTTE NB	75	-55	-21	16	24
1	3.9	2	5.9	1	2.8	BOYD NB	53	-52	-27	13	16
2	7.3					BROWN NB					
4	3.2	8	5.2	10	6.3	BUFFALO NB	59	23	96	70	64
4	5.7	4	8.6	5	7.2	BURT NB	49	-16	25	41	76
		2	3.2	7	9.5	BUTLER NB		195			91
3	3.5	5	5.2	8	7.8	CASS NB	48	50	122	76	81
4	6.5	5	7.0	3	4.2	CEDAR NB	8	-40	-36	10	30
		2	7.3			CHASE NB					
3	7.3	3	7.3	4	9.4	CHERRY NB	1	28	29	43	90
5	8.5	3	5.0	6	10.0	CHEYENNE NB	-41	100	18	37	92

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
7*	11.1	5	10.7	1	1.3	CLAY	NB	-4	-88	-88	00	08
2	2.8	3	4.5			COLFAX	NB	59				
3	4.3	5	7.2	5	6.8	CUMING	NB	66	-5	58	58	71
2	1.9	11*	10.3	6	6.6	CUSTER	NB	453	-36	253	90	67
3	5.6	3	5.3	3	5.1	DAKOTA	NB	-5	-4	-9	22	43
3	5.5	2	4.2			DAWES	NB	-24				
3	3.0	7	6.4	8	6.8	DAWSON	NB	112	7	127	77	71
		1	3.9	1	7.7	DEUEL	NB		97			81
2	3.9	3	6.2	4	7.7	DIXON	NB	61	24	100	71	81
5	3.3	9	5.4	15	8.5	DODGE	NB	64	58	160	81	87
56	4.1	84	5.9	89	6.1	DOUGLAS	NB	44	2	47	53	59
1	4.3			3	21.3	DUNDY	NB			394	95	99
1	3.6	2	2.5	2	4.0	FILLMORE	NB	-30	59	11	33	28
1	2.4	3	6.3	5	12.3	FRANKLIN	NB	164	94	412	96	97
		1	3.6			FRONTIER	NB					
3	5.7	4	11.0	2	5.8	FURNAS	NB	95	-47	3	28	55
7	4.8	10	6.6	9	5.3	GAGE	NB	39	-20	11	32	46
		1	4.3			GARFIELD	NB					
1	3.6					GREELEY	NB					
7	4.3	16	7.8	12	5.6	HALL	NB	84	-28	32	45	52
3	5.5	4	8.0	1	2.1	HAMILTON	NB	46	-74	-61	03	12
		1	2.5	3	8.8	HARLAN	NB		248			88
		2*	20.0			HAYES	NB					
		2	7.0	1	3.2	HITCHCOCK	NB		-55			19
3	3.9	5	6.1	11*	13.8	HOLT	NB	58	126	258	91	98
4	10.1	3	7.4	3	5.8	HOWARD	NB	-27	-22	-43	08	55
1	1.0	6	7.8	6	8.3	JEFFERSON	NB	654	6	697	98	85
1	2.3	2	3.9			JOHNSON	NB	69				
2	4.6	5	13.3	4	11.2	KEARNEY	NB	191	-16	146	80	95
1	2.5	1	2.0	2	3.8	KEITH	NB	-18	88	55	57	26
1	8.6	1	8.6	1	24.8	KEYA PAHA	NB	0	187	187	85	99
2	9.4	1	4.1	3	11.2	KIMBALL	NB	-56	174	20	37	95
2	2.0	4	5.4	2	2.0	KNOX	NB	168	-63	-1	27	11
31	5.0	47	6.9	48	6.8	LANCASTER	NB	37	-1	35	47	70
8	5.4	12	8.1	6	3.9	LINCOLN	NB	49	-52	-28	13	27
1	14.5	2*	29.8			LOUP	NB	105				
1*	74.3					MC PHERSON	NB					
4	2.6	4	2.8	10	6.2	MADISON	NB	7	122	138	78	61
2	4.4	6*	11.3	3	6.5	MERRICK	NB	156	-42	48	53	66
2	6.0	2	4.1	4	9.1	MORRILL	NB	-32	125	53	56	90
		3	8.7	2	4.6	NANCE	NB		-46			36
4	7.1	1	1.4	4	9.5	NEMAHA	NB	-81	593	34	46	91
1	1.8	3	5.3	1	1.8	NUCKOLLS	NB	195	-65	3	29	10
2	1.9	9	8.6	6	5.3	OTOE	NB	350	-38	178	84	47
		3	6.4	2	3.8	PAWNEE	NB		-40			26
		2	8.1	2	8.0	PERKINS	NB		-2			83
1	2.3			4	8.8	PHELPS	NB			283	92	88
1	1.9	3	6.3	3	5.4	PIERCE	NB	227	-14	181	84	49
4	4.2	16*	13.7	6	4.2	PLATTE	NB	225	-70	-1	27	30
1	2.9	4	9.4	3	6.2	POLK	NB	223	-35	111	74	61
3	4.8			2	2.5	RED WILLOW	NB			-48	06	13
2	2.1	6	7.3	5	5.4	RICHARDSON	NB	248	-26	157	81	48
		1	9.1	1	4.7	ROCK	NB		-48			37
4	3.9	5	6.6	5	4.9	SALINE	NB	69	-26	26	41	40
3	4.5	1	.4	10	4.7	SARPY	NB	-90	991	4	29	37
1	.8	3	2.8	10	9.0	SAUNDERS	NB	233	220	965	99	89
5	3.5	10	6.2	7	4.0	SCOTTS BLUFF	NB	79	-36	14	35	28
5	7.4	2	2.8	8	9.8	SEWARD	NB	-62	247	32	45	92
2	4.1	6*	13.2	3	8.0	SHERIDAN	NB	222	-39	97	70	83
3	8.7	5*	16.1	1	3.0	SHERMAN	NB	84	-82	-66	02	17
1	6.4	1	10.5			SIOUX	NB	65				
		1	2.8	1	2.9	STANTON	NB		4			17
1	1.6	2	3.7	1	1.5	THAYER	NB	136	-60	-5	24	09
2	5.3	4	11.4	1	2.6	THURSTON	NB	117	-77	-51	05	14
2	4.9	4	11.5	2	5.2	VALLEY	NB	134	-55	5	30	44
2	3.3	4	5.5	5	6.3	WASHINGTON	NB	64	15	90	69	64
		1	1.9	4	8.7	WAYNE	NB		362			88
		5	13.3	4	12.2	WEBSTER	NB		-8			96
2*	28.5			1	14.1	WHEELER	NB			-50	05	98
6	7.8	2	2.5	5	6.6	YORK	NB	-68	162	-15	19	68
28	2.9	67	4.3	120	4.8	NEVADA	NV	52	11	69		
		2	4.5	2	3.4	CHURCHILL	NV		-26			21
4	.8	35	5.0	64	5.0	CLARK	NV	553	1	560	97	42
		1	7.3	5	8.7	DOUGLAS	NV		20			88
1	3.5	1	1.6	1	1.1	ELKO	NV	-55	-33	-70	02	08
2	6.3	3	9.1	1	2.7	HUMBOLDT	NV	46	-71	-58	04	14
2	12.0	1	8.1	1	6.3	LINCOLN	NV	-32	-22	-48	06	63
2	7.8					LYON	NV					
1	3.1					MINERAL	NV					
		2	6.3	1	5.9	NYE	NV		-6			57
		2	13.5	1	4.0	PERSHING	NV		-70			28
12	3.8	18	4.1	37	6.0	WASHOE	NV	7	45	56	57	58
2	5.2			2	4.3	WHITE PINE	NV			-17	18	31
2	9.8	2	4.9	5	3.9	ORMSBY-CAPSON CITY	NV	-50	-19	-60	03	27
125	4.3	178	5.6	213	5.6	NEW HAMPSHIRE	NH	30	0	31		
2	1.3	8	5.3	9	4.7	BELKNAP	NH	311	-11	265	91	38
1	1.2	4	3.3	9	5.5	CARROLL	NH	185	66	374	95	51
9	4.2	10	4.3	21	7.8	CHESHIRE	NH	3	80	85	67	81
9	4.6	10	5.4	13	6.8	COOS	NH	17	27	49	54	71
9	3.6	16	6.3	15	5.2	GRAFTON	NH	76	-16	47	53	46
44	5.3	57	6.3	59	5.5	HILLSBOROUGH	NH	19	-12	5	30	51
15	4.1	22	5.8	18	4.1	MERRIMACK	NH	42	-29	1	28	30
20	4.8	29	5.8	36	5.2	ROCKINGHAM	NH	19	-10	7	31	45
13	5.2	17	5.8	21	6.3	STRAFFORD	NH	12	8	21	38	63
3	2.0	5	3.2	12	6.7	SULLIVAN	NH	56	112	232	89	69

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
1145*	4.7	1554	5.5	1950*	6.3	NEW JERSEY	NJ	15	15	32		
29	4.2	44	5.3	53	5.9	ATLANTIC	NJ	26	9	38	48	56
145	4.9	211	5.8	277	6.6	BERGEN	NJ	17	14	33	45	67
33	4.8	40	4.1	62	5.5	BURLINGTON	NJ	-15	35	15	35	51
47	3.1	74	4.4	116	6.3	CAMDEN	NJ	42	45	106	73	63
11	4.3	14	4.8	19	4.5	CAPE MAY	NJ	13	-6	5	30	35
21	5.0	32	6.9	36	6.9	CUMBERLAND	NJ	38	0	37	48	72
213*	5.4	228	6.0	219	6.8	ESSEX	NJ	11	14	26	41	72
24	5.3	24	4.3	35	5.0	GLOUCESTER	NJ	-20	17	-6	24	41
134	4.5	137	4.7	147	5.6	HUDSON	NJ	3	20	24	40	52
7	2.8	17	5.6	21	6.2	HUNTERDON	NJ	100	11	123	76	62
64*	6.1	78	6.5	67	5.5	MERCER	NJ	7	-16	-10	22	49
51	3.7	109	5.7	134	5.8	MIDDLESEX	NJ	55	2	59	58	55
56	4.5	80	4.9	137	6.9	MONMOUTH	NJ	8	42	53	56	73
56	5.8	69	5.3	103	7.0	MORRIS	NJ	-8	32	22	39	75
11	3.0	41	5.2	96	4.9	OCEAN	NJ	74	-6	63	60	40
95	5.3	111	5.4	142	7.1	PASSAIC	NJ	3	30	34	46	75
14	6.5	12	5.1	13	5.0	SALEM	NJ	-22	-2	-24	15	42
20	3.3	32	4.2	64	7.8	SOMERSET	NJ	27	87	136	78	82
10	4.6	18	6.2	21	5.3	SUSSEX	NJ	37	-16	16	35	46
99	5.1	169*	7.1	166	6.9	UNION	NJ	39	-2	35	47	73
5	1.7	14	4.2	22	5.6	WARREN	NJ	142	35	227	89	52
79	2.8	148	4.5	179	4.6	NEW MEXICO	NM	64	1	66		
24	3.5	43	4.6	53	4.6	BERNALILLO	NM	31	-1	30	44	36
				1	8.0	CATRON	NM					83
5	3.0	7	3.5	10	4.5	CHAVES	NM	16	27	47	53	34
2	2.9	1	1.3	2	3.0	COLFAX	NM	-57	139	4	29	17
7	7.3	5	4.3	8	5.2	CURRY	NM	-41	21	-29	12	45
		1	5.9			DE BACA	NM					
5	4.0	4	2.1	14	5.7	DONA ANA	NM	-47	171	44	51	53
7	4.0	15	8.1	6	3.3	EDDY	NM	102	-59	-17	18	21
2	2.5	6	6.6	5	5.3	GRANT	NM	166	-20	113	74	46
1	4.0			1	4.5	HIDALGO	NM			14	34	35
5	3.2	10	7.3	16	8.9	LEA	NM	127	21	174	83	89
		2	4.1	5	11.9	LINCOLN	NM		193			96
3	76.9	1	1.4	5	12.6	LOS ALAMOS	NM	-98	820	-84	00	97
		3	5.3	1	1.0	LUNA	NM		-81			08
		1	7.4	3	7.8	MC KINLEY	NM		5			82
		2	10.2			MORA	NM					
				4	4.5	OTERO	NM					34
2	2.9	2	3.6			QUAY	NM	25				
2	1.6	3	3.2	6	8.5	RIO ARRIBA	NM	106	163	443	96	87
		6	8.1	6	7.5	ROOSEVELT	NM		-7			79
		2	6.8	3	3.0	SANDOVAL	NM		-55			17
2	2.7	5	5.5	6	3.7	SAN JUAN	NM	106	-33	39	49	24
2	1.6			3	2.8	SAN MIGUEL	NM			76	64	16
8	5.2	12	6.7	9	4.4	SANTA FE	NM	30	-34	-15	19	33
1	3.1	4	4.8	1	2.2	SIERRA	NM	57	-55	-29	12	12
1	2.4			3	6.5	SOCORRO	NM			176	83	67
		6	8.5	3	6.0	TAOS	NM		-29			58
		3	11.1	2	6.4	TORRANCE	NM		-42			65
		4	3.7	3	1.8	VALENCIA	NM		-53			10
3669*	5.0	4845*	6.2	5142*	6.7	NEW YORK	NY	25	8	35		
61	5.1	76	5.8	85	6.3	ALBANY	NY	12	10	23	40	63
8	3.7	13	6.0	16	6.9	ALLEGANY	NY	62	16	88	68	72
376*	5.5	344	5.6	351*	7.0	BRONX	NY	0	26	27	42	74
47	4.9	62	6.0	79	7.6	BROOME	NY	22	26	54	57	80
15	3.9	22	5.5	21	5.2	CATTARAUGUS	NY	43	-7	33	46	44
14	3.6	17	4.5	22	5.9	CAYUGA	NY	23	31	61	59	56
29	3.8	47	6.3	51	6.7	CHAUTAUQUA	NY	67	6	78	65	69
26	5.9	28	6.5	24	5.3	CHEMUNG	NY	10	-18	-10	22	47
9	4.3	22*	10.3	9	3.9	CHENANGO	NY	140	-62	-10	22	26
6	2.1	15	5.2	17	6.1	CLINTON	NY	151	16	192	86	59
7	2.9	10	3.6	16	4.6	COLUMBIA	NY	26	27	60	59	35
2	1.1	16	8.2	15	7.5	CORTLAND	NY	668	-9	602	98	79
10	4.5	13	5.4	19	7.5	DELAWARE	NY	20	38	65	61	79
37	4.6	38	4.2	58	5.9	DUTCHESS	NY	-10	43	28	43	58
182	4.1	285	6.1	338*	7.2	ERIE	NY	47	20	76	64	77
9	4.6	13	7.2	11	6.2	ESSEX	NY	55	-14	33	46	61
8	3.7	14	7.0	9	4.5	FRANKLIN	NY	90	-36	22	39	34
21*	7.4	22	7.6	20	6.7	FULTON	NY	3	-12	-9	22	70
9	3.5	22	8.2	13	4.7	GENESEE	NY	136	-43	34	46	37
9	4.8	9	4.5	20	9.7	GREENE	NY	-6	116	103	72	92
1	3.5			3	7.0	HAMILTON	NY			101	72	74
19	5.7	24	6.7	23	6.4	HERKIMER	NY	17	-4	13	34	65
18	4.1	18	4.1	22	5.1	JEFFERSON	NY	-1	24	23	39	43
624*	5.1	591	5.2	618*	6.6	KINGS(BROOKLYN)	NY	2	26	28	42	68
5	4.6	2	1.8	2	1.7	LEWIS	NY	-61	-7	-63	03	10
9	4.5	11	4.8	16	6.7	LIVINGSTON	NY	7	40	49	54	70
13	5.4	16	6.3	23	8.7	MADISON	NY	17	38	61	59	88
138*	5.4	177	6.2	214*	7.3	MONROE	NY	17	17	37	47	78
12	3.6	18	5.7	16	5.1	MONTGOMERY	NY	56	-11	39	49	43
183	4.8	331	6.1	423*	6.8	NASSAU	NY	29	11	43	51	71
538*	6.8	857*	11.7	416*	7.3	NEW YORK(MANHATTAN)	NY	72	-37	8	31	78
40	4.1	74	7.2	71	6.6	NIAGARA	NY	76	-8	63	60	68
53	4.3	69	5.4	88	7.0	ONEIDA	NY	26	28	62	60	74
60	3.3	103	5.4	138	7.1	ONONDAGA	NY	64	33	119	75	75
19	5.8	21	5.8	27	6.9	ONTARIO	NY	1	18	19	37	72
39	4.6	71*	7.5	69	6.6	ORANGE	NY	63	-12	43	51	68
7	4.1	10	5.7	10	5.7	ORLEANS	NY	41	-1	40	50	53
12	2.9	25	6.0	29	6.1	OSWEGO	NY	108	2	112	74	60
17	5.6	13	4.6	18	6.1	OTSEGO	NY	-19	33	8	31	59
2	1.2	8	4.0	19	6.8	PUTNAM	NY	227	70	456	97	71
399*	5.0	472	5.1	628*	6.8	QUEENS	NY	1	34	36	47	71

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
36	5.4	41	5.8	33	4.7	RENSSELAER	NY	8	-19	-13	20	37
46	4.8	48	4.3	76	5.8	RICHMOND	NY	-11	35	20	38	55
23	5.0	33	4.8	65	7.6	ROCKLAND	NY	-3	59	54	56	60
15	3.0	25	5.0	29	5.9	ST LAWRENCE	NY	67	18	97	70	57
19	4.9	20	4.3	22	3.7	SARATOGA	NY	-10	-14	-23	15	25
52*	6.8	55	7.2	50	6.2	SCHENECTADY	NY	6	-14	-8	23	62
5	4.0	9	7.3	5	3.5	SCHOHARIE	NY	80	-51	-12	20	23
		5	6.4	3	3.7	SCHUYLER	NY		-43			24
7	3.4	6	3.3	13	7.4	SENECA	NY	-4	124	114	74	78
25	4.7	27	5.3	32	6.4	STEUBEN	NY	13	22	38	48	66
72	3.4	197	5.6	305*	6.7	SUFFOLK	NY	66	20	100	71	70
9	3.5	13	4.4	20	6.1	SULLIVAN	NY	27	38	75	64	59
10	6.0	12	7.0	11	5.7	TIOGA	NY	17	-19	-6	24	53
17	7.1	19	7.4	18	6.8	TOMPKINS	NY	4	-9	-5	24	70
32	5.6	46	7.4	43	6.0	ULSTER	NY	32	-19	7	31	58
10	4.7	7	3.1	8	3.2	WARREN	NY	-34	3	-32	11	19
12	4.9	11	4.3	18	7.2	WASHINGTON	NY	-12	68	47	53	76
15	4.4	31*	9.0	23	6.4	WAYNE	NY	103	-29	45	52	65
156	4.7	226	6.0	274	6.8	WESTCHESTER	NY	28	13	44	51	71
10	5.6	12	6.6	15	8.1	WYOMING	NY	17	24	44	52	84
5	5.8	3	2.8	12*	10.6	YATES	NY	-51	272	82	67	94
424	3.4	669	4.6	947	5.3	NORTH CAROLINA	NC	33	15	54		
7	3.1	16	5.9	23	6.4	ALAMANCE	NC	92	7	106	73	64
1	2.4	3	4.6	3	3.1	ALEXANDER	NC	91	-31	31	45	19
		2	5.1	5	10.5	ALLEGHANY	NC		107			94
1	1.4	2	3.2	3	4.6	ANSON	NC	128	44	229	89	35
2	2.2	3	3.0	2	1.8	ASHE	NC	36	-39	-17	17	10
2	3.3	4	6.1	2	3.1	AVERY	NC	88	-49	-5	25	18
3	3.3	2	1.7	7	4.8	BEAUFORT	NC	-47	179	48	53	39
2	3.9	3	5.7	3	6.0	BERTIE	NC	44	6	53	56	59
3	3.2	3	3.8	7	9.5	BLADEN	NC	18	153	199	87	91
2	3.7	4	5.8	6	5.1	BRUNSWICK	NC	60	-13	39	49	43
24	4.7	31	5.0	46	6.5	BUNCOMBE	NC	7	29	37	48	67
3	1.5	10	5.1	16	6.7	BURKE	NC	232	32	340	94	70
8	4.0	10	3.9	19	6.5	CABARRUS	NC	-4	68	62	59	67
8	4.6	10	4.9	14	6.1	CALDWELL	NC	5	25	31	45	60
				1	4.1	CAMDEN	NC					29
4	4.3	5	3.7	5	3.1	CARTERET	NC	-13	-16	-27	13	19
1	2.2	2	4.6	4	6.7	CASWELL	NC	109	46	204	87	69
5	1.9	14	4.8	18	5.4	CATAWBA	NC	158	13	192	86	49
2	2.7	5	6.3	4	3.4	CHATHAM	NC	134	-46	27	42	21
1	1.8	2	2.3	9	9.6	CHEROKEE	NC	28	327	448	96	91
				2	4.5	CHOWAN	NC					34
		1	3.4	1	2.2	CLAY	NC		-36			12
4	1.9	9	3.8	9	3.3	CLEVELAND	NC	97	-13	73	63	20
4	2.8	1	.8	11	7.0	COLUMBUS	NC	-72	793	148	80	73
5	3.4	14*	10.5	8	5.5	CRAVEN	NC	213	-48	64	60	50
14	8.3	17	6.2	21	4.3	CUMBERLAND	NC	-25	-31	-48	06	32
2	7.6	2	7.4	4	10.7	CURRITUCK	NC	-2	45	42	50	94
		2	5.7	4	5.9	DARE	NC		3			57
10	3.6	16	5.2	17	4.3	DAVIDSON	NC	46	-19	19	37	31
		2	3.3	4	4.3	DAVIE	NC		32			32
2	2.1	6	5.0	5	5.4	DUPLIN	NC	141	7	158	81	48
9	4.1	13	4.1	13	3.4	DURHAM	NC	-1	-15	-16	19	22
		7	7.5	6	5.3	EDGECOMBE	NC		-29			47
24	4.8	28	4.9	38	5.0	FORSYTH	NC	1	2	3	28	41
2	3.2	3	3.7	4	4.3	FRANKLIN	NC	17	16	35	47	31
9	3.1	10	2.2	35	6.1	GASTON	NC	-29	180	99	71	60
				2	9.1	GATES	NC					89
1	3.6			1	2.6	GRAHAM	NC			-27	13	14
3	3.2	4	4.1	3	3.5	GRANVILLE	NC	29	-16	8	31	22
3	9.7	4	12.4			GREENE	NC	27				
30	4.5	43	5.5	60	6.5	GUILFORD	NC	22	18	44	51	67
6	7.6	5	4.4	5	3.6	HALIFAX	NC	-43	-17	-52	05	24
3	1.7	8	5.4	10	6.9	HARNETT	NC	210	28	298	93	72
8	5.2	9	5.2	14	6.4	HAYWOOD	NC	0	24	24	40	65
4	3.0	15	7.3	20	7.1	HENDERSON	NC	148	-3	140	79	75
2	4.4	3	7.8	6	11.7	HERTFORD	NC	78	51	168	83	96
		1	4.9	1	2.3	HOKE	NC		-53			12
		1	4.8			HYDE	NC					
7	3.9	4	1.7	10	3.2	IREDELL	NC	-56	87	-17	17	19
2	2.4	3	3.7	1	.9	JACKSON	NC	56	-77	-64	03	07
5	2.7	10	5.4	11	4.8	JOHNSTON	NC	105	-11	82	67	39
1	4.4	1	2.9			JONES	NC	-34				
2	2.5			5	4.5	LEE	NC			84	67	35
6	4.0	5	3.2	5	3.3	LENOIR	NC	-19	2	-17	17	20
4	4.6	4	3.0	5	3.6	LINCOLN	NC	-34	20	-21	16	24
		4	3.4	10	6.9	MC DOWELL	NC		100			72
5	7.2	5	6.4	6	5.2	MACON	NC	-11	-18	-27	13	45
1	1.2	3	3.1	9	9.7	MADISON	NC	168	212	735	99	91
1	1.8			4	6.5	MARTIN	NC			267	91	66
28	5.3	43	5.7	58	5.7	MECKLENBURG	NC	6	0	6	30	53
4	6.5	2	2.8	1	1.2	MITCHELL	NC	-57	-57	-82	00	08
2	3.1	3	4.3	2	2.5	MONTGOMERY	NC	38	-42	-20	17	13
2	1.7	6	4.5	9	5.5	MOORE	NC	163	23	222	88	50
4	2.9	4	2.2	10	5.1	NASH	NC	-21	125	77	65	43
9	4.9	12	5.7	15	5.3	NEW HANOVER	NC	16	-7	8	31	47
2	3.7	5	10.2	3	5.7	NORTHAMPTON	NC	174	-44	54	57	54
3	3.8	7	8.0	7	3.4	ONSLOW	NC	110	-57	-9	22	22
2	2.3	7	6.1	8	4.7	ORANGE	NC	170	-24	105	73	37
1	3.0	2	6.2	2	5.4	PAMLICO	NC	105	-13	78	65	47
2	2.7	3	4.7	5	6.3	PASQUOTANK	NC	77	35	138	78	63
1	2.2	1	2.1	1	1.5	PENDER	NC	-7	-27	-32	11	09
2	11.1	4*	14.7	2	5.7	PERQUIMANS	NC	32	-61	-49	06	53
4	5.4	5	7.2	1	1.0	PERSON	NC	32	-87	-83	00	07
3	2.5	7	4.8	9	5.8	PITT	NC	96	20	135	78	55
3	5.8	4	7.4	6	8.2	POLK	NC	27	11	41	50	84
6	2.8	5	1.9	17	5.0	RANDOLPH	NC	-30	159	80	66	41

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LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
4	2.9	3	2.2	9	6.7	RICHMOND	NC	-26	207	127	77	69
7	5.3	5	3.4	9	5.2	ROBESON	NC	-37	56	-1	27	46
9	4.6	16	6.3	29*	10.1	ROCKINGHAM	NC	38	60	121	76	93
7	2.4	7	2.5	25	5.8	ROWAN	NC	4	133	142	79	55
3	1.5	9	4.6	10	4.5	RUTHERFORD	NC	208	-2	201	87	35
5	3.5	9	6.2	8	5.7	SAMPSON	NC	79	-8	65	61	54
1	2.2	4	6.3	4	6.6	SCOTLAND	NC	192	5	206	87	68
7	5.2	7	4.3	9	4.2	STANLY	NC	-18	-1	-19	17	31
1	.8	5	5.1	7	5.9	STOKES	NC	540	15	638	98	57
5	2.9	5	2.4	13	5.2	SURRY	NC	-15	114	82	66	46
3	10.0	3	8.6	2	5.7	SWAIN	NC	-14	-34	-43	07	53
3	4.3			5	5.3	TRANSYLVANIA	NC			24	40	47
		1	6.2			TYRRELL	NC					
4	5.6	16*	9.0	14	6.1	UNION	NC	61	-31	10	32	60
		4	4.9	5	5.4	VANCE	NC		10			48
15	3.3	19	3.9	33	4.5	WAKE	NC	18	14	34	46	34
1	2.8	1	2.4	2	5.0	WARREN	NC	-16	108	75	64	42
		2	5.2	1	2.7	WASHINGTON	NC		-48			15
1	1.0	4	4.8	5	4.5	WATAUGA	NC	380	-7	348	94	35
1	.7	7	3.3	11	4.0	WAYNE	NC	361	20	451	96	28
6	3.9	11	6.2	9	4.4	WILKES	NC	58	-29	11	33	33
2	1.8	9	7.1	6	3.7	WILSON	NC	297	-47	109	73	25
2	2.2	4	3.9	6	5.1	YADKIN	NC	77	32	132	78	43
1	.9	4	6.2	2	2.5	YANCEY	NC	576	-59	177	83	14
124	4.2	191	6.3	207	6.5	NORTH DAKOTA	ND	50	3	55		
		1	4.7	1	4.0	ADAMS	ND		-15			28
4	4.6	9	10.2	4	4.2	BARNES	ND	122	-59	-9	22	30
4	7.8	2	4.4	5	11.5	BENSON	ND	-44	162	47	53	95
1	21.0			1*	188.7	BILLINGS	ND			800	99	99
1	1.5	2	3.1	3	4.9	BOTTINEAU	ND	100	62	223	88	41
1	3.0			1	3.5	BOWMAN	ND			14	35	22
1	3.3	1	2.7	2	6.7	BURKE	ND	-20	149	99	71	69
8	5.9	11	7.3	14	8.3	BURLEIGH	ND	24	15	42	50	85
18	6.5	23	7.2	21	6.4	CASS	ND	11	-11	-2	26	65
1	1.8	1	1.9	4	8.2	CAVALIER	ND	7	322	353	94	84
2	4.0	4	9.8	4	8.7	DICKEY	ND	148	-12	119	75	87
2	4.1	2	6.1	2	3.6	DIVIDE	ND	47	-40	-12	20	24
1	1.7	2	7.7			DUNN	ND	349				
1	3.8	1	4.1	1	3.2	EDDY	ND	9	-22	-15	19	19
4*	12.1	1	4.2	4	10.2	EMMONS	ND	-66	145	-16	18	93
1	5.3	1	3.6	3	10.5	FOSTER	ND	-32	188	97	70	94
		3*	24.4			GOLDEN VALLEY	ND					
10	5.3	12	5.6	14	6.2	GRAND FORKS	ND	6	10	17	36	61
				4*	15.2	GRANT	ND					98
3	9.5	2	5.3	1	3.3	GRIGGS	ND	-44	-38	-66	02	20
2	6.9	1	3.7	1	3.5	HETTINGER	ND	-47	-5	-49	06	22
1	4.0	2	8.7	2	8.6	KIDDER	ND	117	-1	115	75	87
		3	6.8	1	2.7	LA MOURE	ND		-61			15
1	2.9	1	3.3			LOGAN	ND	16				
2	3.1	2	4.1	3	5.8	MC HENRY	ND	33	42	89	68	56
3	8.2	6*	21.8	3	7.9	MC INTOSH	ND	166	-64	-3	26	83
1	2.7	2	6.6	3	12.1	MC KENZIE	ND	142	83	341	94	96
		3	4.2	2	3.2	MC LEAN	ND		-26			19
2	6.5	2	6.7	3	7.2	MERCER	ND	3	7	11	33	76
2	2.5	4	4.7	11	10.1	MORTON	ND	88	114	303	93	93
2	4.3	2	3.9	1	4.3	MOUNTRAIL	ND	-9	11	2	28	32
1	1.8	6*	13.4			NELSON	ND	664				
		2	84.8			OLIVER	ND					
		3	4.5	3	4.3	PEMBINA	ND		-6			31
2	6.0	1	2.6	4	8.8	PIERCE	ND	-56	237	47	53	88
1	2.0	5	6.7	6	8.0	RAMSEY	ND	244	19	309	93	83
3	5.2	4	7.4	5	8.2	RANSOM	ND	42	12	59	58	85
1	2.8			1	2.7	RENVILLE	ND			-5	25	15
5	4.9	5	4.4	11	10.1	RICHLAND	ND	-10	127	104	72	93
				2	6.8	ROLETTE	ND					71
		4	10.1	2	7.0	SARGENT	ND		-31			73
2	10.2	3	13.5	1	4.5	SHERIDAN	ND	33	-67	-56	04	34
1	20.2					SIOUX	ND					
		1	7.7	1*	26.5	SLOPE	ND		242			99
4	5.6	1	1.3	7	8.1	STARK	ND	-76	511	44	51	84
1	3.4	2	7.1			STEELE	ND	111				
8	6.1	9	7.5	7	5.3	STUTSMAN	ND	22	-30	-14	20	47
1	2.7	4	13.9	1	2.7	TOWNER	ND	407	-81	-3	26	14
4	7.1	2	3.1	4	5.2	TRAILL	ND	-56	65	-27	13	44
2	2.8	6	5.8	7	6.9	WALSH	ND	103	19	142	79	72
6	3.4	16	8.2	12	5.8	WARD	ND	146	-29	73	64	55
1	2.3	3	6.0	8*	15.7	WELLS	ND	160	165	588	98	98
2	1.9	8	8.3	6	6.2	WILLIAMS	ND	343	-25	232	89	61
1761	4.6	2498*	6.0	2689	6.2	OHIO	OH	31	3	35		
1	1.1	6	4.9	9	7.1	ADAMS	OH	356	45	562	97	75
20	4.7	20	4.3	29	6.3	ALLEN	OH	-8	45	34	46	62
5	2.7	6	3.2	14	6.7	ASHLAND	OH	20	109	151	80	69
16	3.9	27	5.9	29	6.2	ASHTABULA	OH	49	5	56	57	61
7	3.0	12	5.6	14	6.1	ATHENS	OH	88	8	103	72	60
6	3.6	5	3.1	11	5.8	AUGLAIZE	OH	-14	89	63	60	55
24	5.3	24	5.2	28	6.2	BELMONT	OH	-2	20	17	36	62
4	2.8	6	4.3	7	4.7	BROWN	OH	56	10	71	63	38
37	5.4	35	4.3	42	4.7	BUTLER	OH	-20	8	-14	19	37
7	7.1	6	5.5	8	6.7	CARROLL	OH	-23	23	-6	24	70
4	3.2	8	5.3	9	6.1	CHAMPAIGN	OH	68	13	90	69	59
27	5.2	40	6.9	25	4.0	CLARK	OH	31	-42	-24	14	27
11	4.2	19	6.5	22	5.2	CLERMONT	OH	57	-20	25	41	45
3	2.1	8	5.6	13	8.6	CLINTON	OH	164	55	308	93	87
20	4.1	33	6.3	34	6.3	COLUMBIANA	OH	55	0	55	57	63
2	1.3	9	5.1	8	4.6	COSHOCTON	OH	295	-9	259	91	36
10	4.7	15	6.5	20	8.7	CRAWFORD	OH	38	33	83	67	87

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
292	4.6	436*	6.6	424	6.6	CUYAHOGA OH	44	0	44	51	68
11	4.9	16	6.8	12	4.5	DARKE OH	38	-34	-9	23	35
8	5.7	10	7.0	9	6.0	DEFIANCE OH	21	-14	4	29	58
7	4.1	10	5.9	16	8.7	DELAWARE OH	44	49	114	74	88
13	4.4	28*	8.7	21	6.3	ERIE OH	99	-27	45	52	64
9	3.3	22	7.3	18	5.0	FAIRFIELD OH	118	-31	50	54	42
4	3.0	2	2.0	4	3.2	FAYETTE OH	-32	56	6	30	19
102	4.5	139	5.6	157	5.8	FRANKLIN OH	24	5	30	43	55
11*	7.5	9	6.2	8	5.2	FULTON OH	-17	-16	-31	12	45
9	7.3	5	3.9	7	5.1	GALLIA OH	-46	30	-30	12	44
4	2.2	7	3.7	12	4.2	GEAUGA OH	68	16	94	70	31
12	5.0	21	5.8	19	4.9	GREENE OH	15	-15	-2	26	40
5	2.3	11	4.7	10	4.8	GUERNSEY OH	105	2	108	73	38
174*	5.3	208	6.2	215	6.4	HAMILTON OH	16	3	20	37	65
9	3.9	25*	9.9	28*	10.4	HANCOCK OH	158	5	171	83	94
3	2.0	7	4.8	9	6.4	HARDIN OH	136	34	216	88	65
6	6.5	5	5.4	3	3.3	HARRISON OH	-17	-39	-49	06	20
3	2.3	8	6.5	11	8.3	HENRY OH	183	28	263	91	85
5	3.6	7	4.3	10	6.0	HIGHLAND OH	20	37	64	61	58
6	5.7	6	5.5	10	9.0	HOCKING OH	-4	63	57	58	89
5	5.5	9	8.6	5	4.6	HOLMES OH	56	-47	-17	18	36
9	4.2	13	5.8	12	5.0	HURON OH	39	-13	20	38	42
6	4.1	3	2.0	12	8.5	JACKSON OH	-52	325	106	73	86
27	5.8	26	5.6	24	4.9	JEFFERSON OH	-4	-12	-15	19	41
8	4.2	10	5.1	12	5.5	KNOX OH	22	8	31	45	50
24	5.9	36	6.0	55	7.5	LAKE OH	1	26	28	42	79
6	2.4	9	3.6	12	4.3	LAWRENCE OH	53	19	82	67	32
17	4.4	25	5.5	22	4.6	LICKING OH	23	-15	4	29	36
10	5.7	19*	10.6	18	9.4	LOGAN OH	86	-11	66	61	91
28	3.7	53	6.1	47	4.8	LORAIN OH	66	-20	32	45	39
79	4.1	146*	7.3	154*	7.9	LUCAS OH	76	8	91	69	82
4	3.0	6	5.2	6	4.9	MADISON OH	77	-5	67	62	41
60	5.2	69	5.3	89	6.8	MAHONING OH	2	29	31	45	72
13	5.0	13	4.8	21	8.1	MARION OH	-4	70	63	60	84
12	5.0	20	7.2	24	6.7	MEDINA OH	43	-6	34	47	70
2	1.5	11	9.4	5	3.9	MEIGS OH	537	-58	167	82	27
10	6.7	10	6.4	7	4.3	MERCER OH	-5	-32	-36	10	31
9	2.8	22	6.5	20	5.1	MIAMI OH	131	-22	79	66	43
1	.8	4	4.7	7	7.7	MONROE OH	479	64	851	99	81
92	5.5	103	5.2	120	5.7	MONTGOMERY OH	-4	9	5	29	53
4	5.5	4	4.8	2	3.1	MORGAN OH	-13	-36	-44	07	18
6	6.4	4	4.0	4	3.1	MORROW OH	-38	-22	-52	05	18
11	3.0	16	4.3	24	6.6	MUSKINGUM OH	45	54	123	76	68
2	3.7	3	4.3	3	5.1	NOBLE OH	17	18	38	48	44
2	1.0	7	3.9	14	7.6	OTTAWA OH	276	95	632	98	80
5	0.2	2	2.7	2	2.1	PAULDING OH	-57	-21	-66	02	11
4	2.3	5	3.4	10	6.9	PERRY OH	50	101	201	87	72
6	4.2	6	4.0	10	5.4	PICKAWAY OH	-5	37	30	44	49
4	5.5	7	8.1	8	7.3	PIKE OH	48	-10	33	45	77
17	5.1	26	6.4	25	4.8	PORTAGE OH	25	-25	-6	24	38
6	4.2	5	3.1	12	7.0	PREBLE OH	-28	128	65	61	74
7	4.5	14*	10.4	10	6.9	PUTNAM OH	133	-34	54	57	72
16	3.7	27	5.1	33	6.0	RICHLAND OH	36	18	61	59	59
5	1.6	11	3.9	14	4.4	ROSS OH	142	14	175	83	33
8	3.2	16	6.4	15	5.5	SANDUSKY OH	100	-14	71	63	50
14	3.5	26	6.5	33	8.1	SCIOTO OH	83	25	128	77	84
19*	7.1	14	5.2	15	5.5	SENECA OH	-27	6	-23	15	49
5	3.4	12	7.7	4	2.2	SHELBY OH	124	-71	-36	10	12
74	5.3	76	4.9	81	5.0	STARK OH	-6	0	-6	24	41
112*	5.8	169*	7.9	161*	7.2	SUMMIT OH	36	-10	23	39	76
34	4.2	50	5.5	66	6.6	TRUMBULL OH	33	20	59	58	68
10	3.0	22	5.8	23	5.8	TUSCARAWAS OH	95	-1	94	70	54
4	3.6	8	7.4	6	5.0	UNION OH	107	-32	40	50	42
5	3.2	11	7.3	8	5.5	VAN WERT OH	131	-25	74	64	50
1	2.0	1	1.5	2	2.9	VINTON OH	-25	97	48	53	16
7	3.6	13	5.1	14	4.8	WARREN OH	43	-6	35	47	39
15	6.3	17	6.6	16	5.7	WASHINGTON OH	6	-14	-9	22	53
20	6.4	18	5.1	36*	9.4	WAYNE OH	-20	86	48	53	91
7	5.0	9	5.7	12	7.1	WILLIAMS OH	14	25	43	51	75
9	3.0	24	7.5	22	5.9	WOOD OH	153	-21	99	71	57
3	2.9	7	6.4	7	6.4	WYANDOT OH	116	0	116	75	64
387	3.9	587	5.3	720	5.9	OKLAHOMA OK	38	10	52		
		4	5.5	8	10.7	ADAIR OK		94			94
2	3.1	4	7.0	6	12.0	ALFALFA OK	122	72	282	92	96
		1	1.4	3	5.1	ATOKA OK		267			42
		4	10.8	1	2.4	BEAVER OK		-78			13
		4	3.5	10	8.9	BECKHAM OK		153			89
2	2.9	6	8.0	6	8.4	BLAINE OK	179	5	194	86	86
4	2.9	6	4.5	10	6.7	BRYAN OK	54	50	130	77	70
8	5.7	4	3.0	7	4.7	CADDO OK	-48	58	-18	17	37
5	4.1	8	6.0	9	5.8	CANADIAN OK	45	-4	39	49	54
8	4.8	10	5.1	10	4.5	CARTER OK	7	-13	-7	24	33
1	1.1	4	3.9	5	4.6	CHEROKEE OK	255	18	319	94	35
4	5.2	3	3.7	3	3.9	CHOCTAW OK	-29	6	-25	14	26
1	5.1			1	5.1	CIMARRON OK			1	28	43
6	2.9	13	5.6	12	3.7	CLEVELAND OK	90	-34	26	41	24
1	3.3	1	2.7	1	2.0	COAL OK	-16	-25	-37	09	11
8	3.2	11	3.8	17	6.6	COMANCHE OK	20	72	106	73	68
4	9.2	2	4.4	3	6.2	COTTON OK	-52	43	-32	11	62
6	5.2	7	8.1	6	6.6	CRAIG OK	56	-19	26	42	67
11	5.8	10	5.0	14	6.0	CREEK OK	-14	20	3	29	58
3	3.2	5	4.6	7	5.6	CUSTER OK	42	22	73	64	52
3	4.0	5	5.4	8	4.8	DELAWARE OK	36	-10	22	39	39
2	5.9	1	2.4	1	2.1	DEWEY OK	-60	-12	-65	03	11
1	3.2	3	14.1			ELLIS OK	346				
6	2.6	15	5.7	13	4.6	GARFIELD OK	119	-19	77	65	35
7	5.1	5	3.4	13	8.3	GARVIN OK	-33	143	63	60	85
3	1.9	11	6.0	14	7.4	GRADY OK	224	24	300	93	79

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WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
4	6.9	3	4.8	3	6.9	GRANT OK	-31	45	0	27	73
		2	3.4	7	13.9	GREER OK		305			98
1	3.0	1	2.5	2	5.1	HARMON OK	-15	101	71	63	43
2	6.4	2	6.0			HARPER OK	-6				
		1	1.6	3	7.1	HASKELL OK		349			75
3	3.4	10*	11.5	4	3.7	HUGHES OK	239	-68	8	31	24
4	3.4	9	8.2	10	8.8	JACKSON OK	140	8	158	81	88
2	3.8	2	6.6	3	5.0	JEFFERSON OK	72	-25	29	43	41
1	1.6			2	6.5	JOHNSTON OK			316	93	66
10	4.4	15	6.2	12	4.3	KAY OK	42	-31	-2	26	31
2	2.9	4	6.4	4	4.8	KINGFISHER OK	117	-25	63	60	38
1	1.0	4	4.8	2	2.0	KIOWA OK	372	-59	94	70	11
2	5.4	3	6.7	2	3.7	LATIMER OK	24	-45	-31	12	25
5	3.3	7	4.1	12	5.8	LE FLORE OK	24	39	73	64	54
4	3.3	10	9.5	8	6.4	LINCOLN OK	191	-33	95	70	65
1	1.1	9	9.2	7	6.2	LOGAN OK	744	-32	471	97	62
3	10.6					LOVE OK					
		3	4.2	9	10.4	MC CLAIN OK		149			94
3	2.4	4	3.1	8	5.5	MC CURTAIN OK	29	81	133	78	51
1	1.6	2	4.3	2	2.9	MC INTOSH OK	161	-32	77	65	17
2	5.6	3	5.2	3	6.3	MAJOR OK	-7	19	11	33	62
3	7.8			4	7.4	MARSHALL OK			-6	24	78
6	5.7	7	5.8	4	2.8	MAYES OK	2	-52	-51	05	16
5	9.4	3	4.5	6	6.7	MURRAY OK	-52	47	-29	12	69
9	3.8	16	6.0	16	5.8	MUSKOGEE OK	60	-3	55	57	56
		4	5.7	4	7.2	NOBLE OK		26			76
4	6.2	1	2.2	5	9.3	NOWATA OK	-64	315	50	54	90
1	2.1	1	2.5	3	6.2	OKFUSKEE OK	20	145	195	86	61
73	5.4	101	5.9	118	5.8	OKLAHOMA OK	9	-3	6	30	54
5	3.0	9	4.9	8	4.2	OKMULGEE OK	65	-14	42	50	31
7	4.5	9	5.4	7	4.2	OSAGE OK	20	-21	-6	24	30
4	2.6	8	5.2	15*	10.4	OTTAWA OK	99	98	295	93	94
		1	1.1	2	3.3	PAWNEE OK		199			20
6	3.5	8	4.4	16	7.4	PAYNE OK	29	67	114	75	78
5	2.5	7	3.6	11	5.2	PITTSBURG OK	41	48	108	73	46
8	5.6	9	5.6	8	5.0	PONTOTOC OK	0	-11	-12	21	41
8	3.9	18	7.9	23*	9.0	POTTAWATOMIE OK	99	14	128	77	89
3	5.4	4	5.9			PUSHMATAHA OK	9				
		4	14.7			ROGER MILLS OK					
3	2.7	5	4.6	11	8.0	ROGERS OK	69	76	196	86	83
3	2.1	9	7.1	2	1.1	SEMINOLE OK	246	-84	-46	07	08
2	3.3	5	5.5	5	4.5	SEQUOYAH OK	65	-18	36	47	34
4	2.4	11	5.5	11	5.4	STEPHENS OK	125	-2	120	75	48
5	7.5	1	1.3	5	6.5	TEXAS OK	-82	388	-13	20	67
1	1.5	1	1.2	7	12.0	TILLMAN OK	-16	877	719	99	96
58	4.9	71	5.4	100	6.4	TULSA OK	9	19	30	44	65
3	4.7	5	6.1	11	9.5	WAGONER OK	31	56	103	72	91
2	1.4	11	6.7	19	8.7	WASHINGTON OK	367	30	508	97	88
6	7.0	5	6.2	4	4.8	WASHITA OK	-11	-24	-32	11	38
3	4.4	6	8.8	2	3.3	WOODS OK	100	-62	-24	15	21
3	3.7	6	6.8	2	2.2	WOODWARD OK	85	-68	-40	08	12
343	4.2	506	5.4	702	6.3	OREGON OR	29	18	52		
2	1.9	3	3.2	11*	10.4	BAKER OR	70	227	456	97	93
5	3.5	9	5.4	14	6.5	BENTON OR	56	20	87	68	66
22	4.2	34	5.3	66	7.5	CLACKAMAS OR	27	41	79	66	79
16*	9.2	15	8.6	9	4.9	CLATSOP OR	-7	-43	-47	07	40
4	3.1	9	7.3	11	6.7	COLUMBIA OR	138	-8	119	75	70
8	3.7	15	5.6	19	6.0	COOS OR	49	7	60	59	58
3	5.9	4	7.8	2	3.1	CROOK OR	31	-60	-47	06	18
1	2.4			1	1.5	CURRY OR			-39	09	09
2	1.7	5	3.4	14	6.3	DESCHUTES OR	95	88	266	91	63
10	3.7	18	5.7	27	6.6	DOUGLAS OR	53	16	77	65	68
1	7.2	1	6.4	2	20.5	GILLIAM OR	-11	221	185	85	99
2	4.6	2	4.7			GRANT OR	3				
		2	5.4	3	8.7	HARNEY OR		62			88
4	6.1	4	5.5	3	4.1	HOOD RIVER OR	-10	-26	-33	11	29
10	3.0	30	6.6	36	6.1	JACKSON OR	119	-7	105	73	60
				2	6.0	JEFFERSON OR					58
5	3.1	8	4.0	18	5.9	JOSEPHINE OR	26	48	87	68	57
11	5.1	9	4.5	18	7.2	KLAMATH OR	-11	59	42	50	76
3	10.6	2	6.2	1	4.3	LAKE OR	-42	-30	-59	04	32
29	4.4	41	5.2	60	6.1	LANE OR	18	16	37	47	59
2	1.4	5	4.2	16	8.5	LINCOLN OR	202	102	509	97	66
11	4.5	13	4.2	27	7.0	LINN OR	-8	68	55	57	74
3	2.7	5	4.6	8	7.1	MALHEUR OR	70	55	163	82	75
24	4.1	42	5.9	47	5.7	MARION OR	43	-3	39	49	53
				1	3.0	MORROW OR					17
124	4.8	161	5.9	180	6.8	MULTNOMAH OR	24	15	42	51	71
4	3.0	7	4.6	18	9.6	POLK OR	50	110	216	88	91
		4*	34.1	1	10.2	SHERMAN OR		-70			93
2	2.1	2	2.0	4	3.2	TILLAMOOK OR	-6	60	51	54	19
9	4.1	18	7.9	9	3.4	UMATILLA OR	93	-57	-17	18	21
3	2.9	5	4.8	2	1.7	UNION OR	67	-65	-41	08	10
		1	2.4	2	4.8	WALLOWA OR		97			38
3	3.7	8	7.5	7	6.0	WASCO OR	103	-20	63	60	59
9	2.3	18	3.4	48	6.5	WASHINGTON OR	45	91	177	84	66
1	11.8					WHEELER OR					
10	5.9	6	2.7	15	6.1	YAMHILL OR	-54	122	2	28	59
2130	4.3	2765	5.3	3159	5.8	PENNSYLVANIA PA	23	9	34		
13	5.9	15	6.2	20	6.7	ADAMS PA	6	8	15	35	70
314	4.5	372	5.1	423	5.8	ALLEGHENY PA	14	13	29	43	56
18	5.0	21	5.3	19	4.7	ARMSTRONG PA	6	-11	-6	24	38
41	4.8	43	4.5	55	5.6	BEAVER PA	-6	25	18	36	52
11	5.4	7	3.3	19	8.3	BEDFORD PA	-40	151	52	55	85
57	4.3	76	5.2	90	5.7	BERKS PA	22	8	32	45	52
29	4.1	37	5.1	51	7.1	BLAIR PA	23	40	72	63	75

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WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
17	6.4	14	5.6	16	5.6	BRADFORD	PA	-13	1	-12	20	51
31	2.9	72	5.6	85	5.1	BUCKS	PA	91	-10	72	63	43
25	4.9	23	4.2	33	5.5	BUTLER	PA	-15	30	11	33	50
35	3.6	52	5.4	46	4.8	CAMBRIA	PA	49	-12	32	45	38
2	6.0	4	11.3	1	2.9	CAMERON	PA	88	-74	-52	05	16
14	4.5	11	4.1	8	2.5	CARBON	PA	-8	-40	-45	07	13
10	3.6	13	4.0	22	6.6	CENTRE	PA	10	67	85	67	68
46	5.8	46	4.6	60	5.3	CHESTER	PA	-21	15	-9	22	47
9	5.1	7	3.8	14	7.1	CLARION	PA	-26	88	40	49	75
9	2.2	25	6.2	18	4.2	CLEARFIELD	PA	184	-31	95	70	30
7	4.1	11	6.2	21*	11.1	CLINTON	PA	51	79	169	83	95
9	3.4	13	4.8	17	5.8	COLUMBIA	PA	39	21	68	62	55
10	2.6	24	6.1	20	4.6	CRAWFORD	PA	133	-24	76	65	36
24	5.1	36	6.2	56	7.9	CUMBERLAND	PA	21	28	54	57	82
42	4.4	61	6.1	63	6.1	DAUPHIN	PA	40	0	40	50	61
89	4.5	108	4.5	152	5.9	DELAWARE	PA	-1	33	31	44	57
7	3.6	10	5.7	19*	10.5	ELK	PA	55	86	188	85	94
50	4.7	60	5.3	70	5.8	ERIE	PA	12	9	22	39	55
41	4.8	54	6.4	44	5.4	FAYETTE	PA	35	-16	14	35	48
3	11.2	3	9.8	1	2.6	FOREST	PA	-13	-74	-77	01	14
19	5.2	16	3.9	35	7.1	FRANKLIN	PA	-25	82	37	48	75
		1	2.1	1	1.6	FULTON	PA		-25			09
14	6.2	9	4.2	11	5.3	GREENE	PA	-33	25	-16	19	46
11	5.8	8	4.4	7	3.7	HUNTINGDON	PA	-25	-16	-37	09	24
15	4.3	18	4.9	28	7.2	INDIANA	PA	15	45	67	62	76
5	2.1	10	4.0	15	5.9	JEFFERSON	PA	95	45	182	84	56
2	2.6	6	7.6	3	3.4	JUNIATA	PA	193	-56	29	43	21
35	2.6	58	4.6	56	4.4	LACKAWANNA	PA	78	-5	70	62	33
60	5.2	95*	7.2	89	5.7	LANCASTER	PA	39	-20	11	33	53
25	4.7	26	4.7	34	6.3	LAWRENCE	PA	2	33	35	47	63
16	4.0	29	6.5	23	4.5	LEBANON	PA	61	-31	11	33	34
50	4.7	64	5.5	74	5.5	LEHIGH	PA	16	0	16	36	50
52	2.9	85	4.6	87	4.6	LUZERNE	PA	59	0	58	58	35
32*	6.3	33	6.0	36	6.3	LYCOMING	PA	-4	5	0	28	63
16	5.8	14	5.0	17	6.0	MC KEAN	PA	-13	19	3	29	58
22	3.7	30	5.2	29	4.7	MERCER	PA	39	-9	26	41	37
14	7.2	15	7.2	15	7.0	MIFFLIN	PA	-1	-3	-4	25	73
10	5.0	17	7.8	17	6.6	MONROE	PA	56	-16	31	44	67
73	3.8	136	5.4	196	6.8	MONTGOMERY	PA	41	25	76	64	70
3	4.2	5	5.9	4	4.0	MONTOUR	PA	40	-33	-6	24	27
32	3.4	45	4.3	72	6.8	NORTHAMPTON	PA	27	55	98	71	71
25	4.6	21	4.0	31	5.7	NORTHUMBERLAND	PA	-13	41	23	39	53
4	3.7	6	4.3	7	4.6	PERRY	PA	17	6	24	40	36
387	4.9	440	5.9	391	6.0	PHILADELPHIA	PA	21	2	24	40	59
1	2.8	6	8.2	4	3.9	PIKE	PA	192	-53	37	48	27
3	2.9	5	5.4	3	3.4	POTTER	PA	85	-36	18	36	22
28	2.8	38	3.9	44	4.5	SCHUYLKILL	PA	36	15	57	58	33
3	2.4	6	4.7	9	6.2	SNYDER	PA	97	31	159	81	61
16	4.0	29	7.4	20	4.6	SOMERSET	PA	84	-38	15	35	36
1	3.6	2	5.4	1	2.4	SULLIVAN	PA	51	-55	-32	11	13
3	2.0	10	5.9	14	7.3	SUSQUEHANNA	PA	191	24	259	91	77
7	4.2	15	8.0	16	8.3	TIOGA	PA	92	4	100	71	85
2	1.9	9	7.6	7	5.2	UNION	PA	304	-31	178	84	45
9	3.1	16	5.1	20	6.4	VENANGO	PA	63	26	105	72	65
6	2.6	15	6.1	17	6.5	WARREN	PA	129	7	145	79	66
34	3.2	51	4.7	49	4.4	WASHINGTON	PA	50	-7	39	49	33
5	3.0	3	1.9	16	8.1	WAYNE	PA	-36	329	175	83	84
71	4.5	98	5.7	123	6.4	WESTMORELAND	PA	27	12	42	51	65
3	3.5	2	2.1	2	2.1	WYOMING	PA	-39	0	-39	09	12
53	5.2	55	4.8	93	6.9	YORK	PA	-8	43	31	44	72
184	4.9	264*	6.4	281	6.3	RHODE ISLAND	RI	31	-1	29		
16*	10.9	20*	10.8	18	8.1	BRISTOL	RI	0	-25	-26	14	84
13	3.1	33	5.9	43	6.4	KENT	RI	90	9	107	73	64
12	5.2	17	5.2	23	6.5	NEWPORT	RI	1	24	26	41	66
136	4.9	175	6.2	172	6.0	PROVIDENCE	RI	24	-3	21	38	58
7	3.3	19	7.5	25	7.5	WASHINGTON	RI	130	0	130	77	80
223	4.3	276	4.2	441	5.5	SOUTH CAROLINA	SC	-3	31	26		
5	7.1	4	6.6	6	8.0	ABBEVILLE	SC	-8	22	13	34	83
3	1.7	7	3.4	14	4.2	AIKEN	SC	103	22	148	80	30
		2	15.9	2	9.0	ALLENDALE	SC		-43			89
8	2.7	10	3.5	23	5.5	ANDERSON	SC	30	58	105	73	50
		4	9.8	4	8.9	BAMBERG	SC		-9			89
2	4.7	3	8.0	2	4.1	BARNWELL	SC	71	-49	-13	20	29
2	6.7	2	2.7	5	3.8	BEAUFORT	SC	-60	41	-43	08	26
1	2.7	3	2.7	8	3.9	BERKELEY	SC	1	44	46	52	27
				2	8.5	CALHOUN	SC					86
25*	7.4	26	5.7	43	7.7	CHARLESTON	SC	-23	37	5	29	81
3	3.2	3	2.2	11	8.5	CHEROKEE	SC	-30	284	167	82	86
1	1.3	1	1.1	8	8.9	CHESTER	SC	-18	707	560	97	89
3	3.5	7	7.0	4	4.3	CHESTERFIELD	SC	101	-39	22	39	31
3	6.9	3	6.9	2	3.1	CLARENDON	SC	-1	-55	-55	04	18
5	7.7	2	2.7	5	7.4	COLLETON	SC	-65	172	-4	25	78
4	3.9	6	4.7	6	3.8	DARLINGTON	SC	21	-19	-1	27	26
7*	16.1	2	3.0	1	1.1	DILLON	SC	-81	-62	-93	00	08
1	2.7	3	4.6	4	5.0	DORCHESTER	SC	70	9	85	67	42
1	3.1			4	9.9	EDGEFIELD	SC			219	88	92
1	2.4	3	6.6			FAIRFIELD	SC	170				
7	4.9	15	7.6	9	3.7	FLORENCE	SC	55	-51	-24	14	24
1	1.1	2	2.5	6	5.9	GEORGETOWN	SC	121	136	422	96	57
14	2.7	32	4.4	32	3.4	GREENVILLE	SC	66	-23	28	42	21
5	4.7	13	10.0	11	6.8	GREENWOOD	SC	112	-32	45	52	71
		1	2.2	3	6.2	HAMPTON	SC		182			62
8	3.8	4	1.6	21	8.3	HORRY	SC	-57	409	118	75	85
		1	5.1	2	8.6	JASPER	SC		68			87
5	5.0	6	6.4	5	6.0	KERSHAW	SC	29	-6	21	38	58
1	.8	3	2.4	7	4.0	LANCASTER	SC	189	63	371	95	28

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
8	6.9	4	2.4	13	8.2	LAURENS SC	-64	237	20	38	85
4*	12.4	2	5.0	3	8.0	LEE SC	-60	61	-35	10	83
7	5.6	9	3.9	23	5.7	LEXINGTON SC	-31	47	2	28	53
1	5.1	5*	30.9	4*	20.9	MC CORMICK SC	510	-32	312	93	99
4	7.0	2	3.4	6	8.2	MARION SC	-51	138	17	36	84
4	5.7	1	1.2	2	3.1	MARLBORO SC	-79	159	-45	07	19
5	5.3	4	3.9	4	3.4	NEWBERRY SC	-26	-13	-36	10	21
4	2.9	4	2.6	12	6.5	OCONEE SC	-11	153	126	76	67
4	3.0	5	3.5	7	4.1	ORANGEBURG SC	17	17	37	48	29
3	2.5	9	4.7	19	7.7	PICKENS SC	88	62	206	87	81
18	4.4	23	5.0	24	3.8	RICHLAND SC	14	-24	-14	19	25
3	9.4	1	1.9	3	4.9	SALUDA SC	-79	155	-47	06	40
23	4.8	15	2.6	36	5.5	SPARTANBURG SC	-46	116	16	36	51
4	3.4	5	2.6	13	7.5	SUMTER SC	-24	189	120	76	79
6	7.5	7	7.2	2	2.0	UNION SC	-3	-73	-73	01	11
1	2.6	2	2.9	2	3.2	WILLIAMSBURG SC	13	10	24	40	19
8	4.8	10	4.6	18	6.5	YORK SC	-4	41	36	47	67
123	3.8	201	5.9	213	6.2	SOUTH DAKOTA SD	56	4	63		
2	7.5			2	11.1	AURORA SD			48	53	95
5	4.9	6	5.5	5	4.6	BEADLE SD	12	-16	-7	23	36
1	2.5	5	9.1	4	6.1	BON HOMME SD	264	-33	146	79	60
		5	5.2	5	4.6	BROOKINGS SD		-12			35
3	1.9	13	8.0	13	7.3	BROWN SD	320	-9	282	92	78
		1	3.5	1	3.3	BRULE SD		-6			20
6*	14.8	4	9.1	5	9.8	BUTTE SD	-39	7	-34	11	92
		2	12.3	1	6.2	CAMPBELL SD		-49			62
2	3.4	3	5.1	5	8.8	CHARLES MIX SD	51	73	160	81	89
2	4.6	4	10.4	5	13.1	CLARK SD	127	26	186	85	97
		3	6.4	2	3.7	CLAY SD		-41			25
6	6.4	9	8.7	10	10.0	CODINGTON SD	36	15	57	58	93
		2	11.0			CORSON SD					
2	6.8	3	11.1	1	3.1	CUSTER SD	64	-72	-54	04	18
6	7.6	7	8.1	4	4.1	DAVISON SD	6	-49	-46	07	29
3	4.5	6	9.1	9*	12.6	DAY SD	103	38	161	84	97
3	6.8	3	11.8	6*	17.3	DEUEL SD	74	47	156	81	99
		2	14.7	1	11.0	DEWEY SD		-25			95
		2	7.1	6*	23.0	DOUGLAS SD		225			99
1	2.9	1	2.9	4	11.4	EDMUNDS SD	-1	293	289	92	95
1	1.0	3	4.9	2	3.4	FALL RIVER SD	403	-31	250	90	22
		7*	27.7	2	7.0	FAULK SD		-75			74
2	3.7	5	8.7	5	7.1	GRANT SD	135	-18	93	69	75
1	2.0	3	6.1	2	6.0	GREGORY SD	209	-2	204	87	59
		1	8.2			HAAKON SD					
3	7.9	3	6.2	3	6.1	HAMLIN SD	-21	-2	-23	15	60
1	2.7	1	2.7	4	13.0	HAND SD	0	375	374	95	97
3*	19.7			1	3.8	HANSON SD			-81	00	25
1	6.3					HARDING SD					
2	4.0			2	3.9	HUGHES SD			-4	25	26
1	1.7	1	1.1	4	6.5	HUTCHINSON SD	-34	467	271	91	66
				2	10.0	HYDE SD					93
3*	12.9	1	3.5			JERAULD SD	-73				
				4*	50.8	JONES SD					99
		2	3.1	3	5.5	KINGSBURY SD		75			50
1	1.7	7	10.2	8*	13.4	LAKE SD	519	31	714	99	98
3	4.0	6	7.8	2	2.2	LAWRENCE SD	97	-72	-45	07	12
2	3.0	3	3.7	5	6.0	LINCOLN SD	24	62	100	72	58
		3	13.4	1	3.9	LYMAN SD		-71			26
1	2.0	2	4.0	2	4.8	MC COOK SD	99	20	140	78	39
2	9.7	1	2.7	1	2.8	MC PHERSON SD	-72	3	-71	02	16
		4	12.0	3	8.4	MARSHALL SD		-30			85
2	2.4	4	5.4	2	2.9	MEADE SD	123	-45	22	39	17
1	9.4					MELLETTE SD					
1	2.8	2	7.3	4*	25.3	MINER SD	161	248	807	99	99
19	5.1	24	6.1	22	5.1	MINNEHAHA SD	21	-17	0	27	43
2	4.1	1	2.2	2	5.3	MOODY SD	-48	145	28	42	46
6	2.6	8	3.7	8	3.3	PENNINGTON SD	43	-9	30	43	21
1	2.1			1	2.8	PERKINS SD			34	46	16
3*	13.1			1	2.8	POTTER SD			-79	01	16
3	4.2	3	3.8	3	3.3	ROBERTS SD	-7	-14	-21	16	20
		3	10.2	1	4.1	SANBORN SD		-60			29
4	5.9	2	3.1	4	6.4	SPINK SD	-48	108	9	32	65
2*	15.8	1	7.4			STANLEY SD	-53				
2	5.0	2	4.6	3	7.2	TRIPP SD	-9	57	43	51	76
2	2.9	5	6.7	5	8.4	TURNER SD	127	26	186	85	86
3	4.6	3	5.0	2	2.8	UNION SD	7	-44	-40	09	16
1	2.8	4	10.3	3	7.6	WALWORTH SD	271	-26	173	83	80
2	2.0	5	6.2	7	7.4	YANKTON SD	211	19	271	91	78
461	3.7	651	4.7	966	5.9	TENNESSEE TN	27	25	59		
8	3.2	3	.9	22	7.3	ANDERSON TN	-71	682	128	77	77
5	4.8	7	6.5	6	4.8	BEDFORD TN	37	-27	0	28	38
		2	2.8	1	1.4	BENTON TN		-50			09
1	2.7	1	3.1	1	2.7	BLEDSOE TN	14	-13	-1	27	15
6	2.7	9	4.1	17	5.1	BLOUNT TN	51	23	85	67	43
4	2.3	7	3.7	16	7.2	BRADLEY TN	62	92	211	88	76
3	2.7	8	6.3	8	5.8	CAMPBELL TN	135	-9	114	74	54
1	2.7	1	2.2	3	5.7	CANNON TN	-19	164	113	74	54
2	1.8	8	6.8	8	5.8	CARROLL TN	275	-14	223	89	56
5	2.7	5	2.6	18	7.9	CARTER TN	-4	200	189	85	83
3	6.0	3	6.7	3	4.2	CHEATHAM TN	10	-37	-30	12	30
2	5.0	3	6.2	6	11.5	CHESTER TN	25	84	131	77	95
4	4.3	1	1.0	4	3.7	CLAIBORNE TN	-77	270	-15	19	24
		2	5.0	1	2.6	CLAY TN		-49			14
5	6.3	5	5.5	9	7.5	COCKE TN	-13	36	19	37	79
5	4.5	3	2.8	9	6.2	COFFEE TN	-37	120	38	49	61
2	4.6	1	1.4	5	7.5	CROCKETT TN	-69	421	64	60	79
3	3.6	5	5.1	9	7.0	CUMBERLAND TN	42	37	94	70	74

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WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
53	4.9	56	4.2	92	5.8	DAVIDSON TN	-14	38	18	37	56
		2	4.4	1	1.3	DECATUR TN		-70			08
2	3.0			6	8.7	DE KALB TN			188	85	88
2	2.0	3	3.3	12	10.1	DICKSON TN	64	203	398	96	93
7	4.9	1	.6	7	4.6	DYER TN	-87	634	-6	24	35
				2	3.7	FAYETTE TN					24
2	3.9	1	1.3	4	6.1	FENTRESS TN	-66	367	58	58	60
2	2.1	4	3.8	8	6.1	FRANKLIN TN	83	59	192	86	60
9	4.8	9	4.3	12	5.3	GIBSON TN	-11	24	11	33	46
1	1.1	4	4.1	5	4.6	GILES TN	288	11	331	94	36
3	5.3	5	8.3	1	1.4	GRAINGER TN	56	-84	-74	01	08
7	3.9	9	4.9	20	9.2	GREENE TN	25	89	135	78	90
1	2.0	4	7.6	3	5.3	GRUNDY TN	278	-31	161	81	46
3	2.3	7	5.7	12	8.6	HAMBLEN TN	152	52	281	92	87
33	4.4	51	6.2	64	6.6	HAMILTON TN	42	6	51	55	69
		2	5.7			HANCOCK TN					
4	5.3	1	1.3	5	5.2	HARDEMAN TN	-76	312	-2	26	45
1	1.5	4	4.8	3	3.1	HARDIN TN	227	-34	115	75	18
3	2.5	8	6.1	13	7.7	HAWKINS TN	148	26	212	88	81
5*	10.2	2	3.8	5	8.8	HAYWOOD TN	-63	134	-14	20	88
5	6.5	2	2.5	2	2.2	HENDERSON TN	-61	-15	-67	02	12
3	2.6	4	3.3	7	4.7	HENRY TN	27	41	80	66	37
2	3.6	3	4.6	7	11.4	HICKMAN TN	28	145	215	88	95
		1	3.3	2	4.5	HOUSTON TN		36			35
1	1.7	3	4.7	3	4.3	HUMPHREYS TN	169	-8	148	80	32
		3	5.8	4	7.2	JACKSON TN		23			76
5	5.9	7	7.0	10	7.7	JEFFERSON TN	18	11	31	44	81
		1	1.7	4	6.5	JOHNSON TN		282			67
33	3.6	44	4.2	72	6.1	KNOX TN	16	46	70	62	60
		1	3.2	3	10.3	LAKE TN		227			93
2	3.1	1	1.2	1	1.1	LAUDERDALE TN	-62	-5	-64	03	08
5	3.8	9	6.6	12	7.7	LAWRENCE TN	71	18	102	72	81
1	3.9			1	2.8	LEWIS TN			-29	12	15
5	4.8	4	3.7	7	5.4	LINCOLN TN	-23	46	12	34	48
3	3.2	6	5.1	5	3.7	LOUDON TN	59	-26	17	36	25
7	5.1	7	4.6	6	3.3	MC MINN TN	-9	-27	-34	11	20
1	.9	6	6.1	7	6.9	MC NAIRY TN	542	13	627	98	73
3	4.7	6	8.3	11*	14.6	MACON TN	75	76	209	87	98
7	3.7	13	6.0	17	6.8	MADISON TN	65	12	85	68	71
		6	6.3	5	5.4	MARION TN		-14			49
5	6.4	6	7.5	1	1.1	MARSHALL TN	18	-85	-82	00	08
4	2.9	10	6.5	10	5.5	MAURY TN	122	-15	88	68	51
1	5.4	3	12.4	3	11.8	MEIGS TN	132	-5	120	76	96
2	2.2	5	4.8	8	6.5	MONROE TN	116	36	194	86	67
6	4.5	10	6.5	16	7.5	MONTGOMERY TN	46	14	67	61	79
		4	6.9	7	9.9	MORGAN TN		45			92
6	4.3	7	4.6	5	3.0	OBION TN	6	-34	-31	12	17
3	4.3	3	3.8	3	3.4	OVERTON TN	-12	-9	-20	17	22
		1	3.9			PERRY TN					
		2	8.9	1	5.5	PICKETT TN		-39			49
2	4.0	7*	13.4	3	4.9	POLK TN	234	-63	22	39	40
5	3.8	9	6.0	7	3.9	PUTNAM TN	57	-34	4	29	27
1	1.3	1	1.2	7	7.8	RHEA TN	-3	527	508	97	81
2	1.3	3	2.5	16	8.9	ROANE TN	88	260	576	98	89
6	5.1	4	3.2	7	4.6	ROBERTSON TN	-37	42	-11	21	35
6	4.3	8	4.1	10	4.0	RUTHERFORD TN	-4	-3	-6	24	28
1	1.8	4	5.5	4	5.3	SCOTT TN	216	-4	205	87	47
1	4.1	4*	14.6	2	5.7	SEQUATCHIE TN	256	-61	39	49	54
3	3.0	5	4.4	8	4.5	SEVIER TN	48	1	49	54	34
62	4.7	90	5.9	107	5.9	SHELBY TN	24	0	24	40	56
2	3.1	1	1.4	4	5.0	SMITH TN	-55	260	63	60	42
2	4.1	2	4.9	2	4.3	STEWART TN	19	-12	5	30	32
20	5.2	21	4.8	37	6.7	SULLIVAN TN	-7	40	30	44	70
5	3.4	8	4.1	15	5.5	SUMNER TN	23	32	62	60	49
2	2.7	5	7.3	2	2.4	TIPTON TN	170	-68	-13	20	13
				5*	19.1	TROUSDALE TN					99
1	1.5	2	2.7	4	4.6	UNICOI TN	82	70	209	87	36
1	2.4	3	6.9			UNION TN	187				
1	.9	7	5.9	14	9.7	WARREN TN	589	63	1026	99	91
13	4.3	16	4.7	11	3.0	WASHINGTON TN	10	-36	-30	12	17
5	9.7					WAYNE TN					
4	2.6	5	3.4	5	2.7	WEAKLEY TN	30	-22	1	28	14
3	3.8	3	4.5	5	5.3	WHITE TN	19	18	41	50	47
2	1.9	8	7.1	21*	11.8	WILLIAMSON TN	270	67	520	97	96
4	3.6	10	6.8	9	4.8	WILSON TN	90	-29	34	46	39
1192	3.8	1917	5.1	2623	5.8	TEXAS TX	33	15	53		
5	3.7	10	9.1	8	5.5	ANDERSON TX	144	-40	47	53	49
		2	2.9	3	5.5	ANDREWS TX		87			50
4	2.7	8	4.8	10	4.4	ANGELINA TX	77	-9	62	59	33
3	11.3	1	1.6	6	11.4	ARANSAS TX	-86	608	1	28	95
2	4.9	2	5.6	3	8.7	ARCHER TX	15	54	76	65	87
5	6.1	4	5.0	6	5.3	ATASCOSA TX	-18	6	-13	20	46
3	3.9	3	3.3	3	2.7	AUSTIN TX	-17	-18	-32	11	15
1	1.9	2	6.3	3	9.2	BAILEY TX	222	47	373	95	90
2	7.6	1	2.7	7*	15.4	BANDERA TX	-64	468	103	72	98
		4	5.0	10	9.2	BASTROP TX		84			90
1	2.9	1	2.3			BAYLOR TX	-23				
1	2.0	6	8.0	5	5.8	BEE TX	308	-28	196	86	55
15	4.4	15	4.0	21	4.9	BELL TX	-9	22	11	33	40
86	4.3	123	4.9	175	6.0	BEXAR TX	12	23	38	48	58
		3	10.2	2	10.0	BLANCO TX		-2			93
5	8.1	3	4.3	3	3.2	BOSQUE TX	-46	-25	-60	03	19
8	3.6	17	6.4	20	7.3	BOWIE TX	79	13	102	72	77
8	4.0	14	5.5	28	6.5	BRAZORIA TX	38	19	65	61	67
2	1.5	3	1.9	15	8.5	BRAZOS TX	27	352	473	97	86
2	7.2	1	3.6			BREWSTER TX	-50				
		1	6.3			BRISCOE TX					
1	2.5	2	4.6	3	8.6	BROOKS TX	86	88	249	90	87

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WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
7	4.4	10	6.4	12	6.8	BROWN TX	44	7	53	56	71
1	2.0			3	4.4	BURLESON TX			118	75	33
1	2.2	4	5.0	4	2.8	BURNET TX	130	-44	28	43	16
3	4.5	2	2.5	7	7.2	CALDWELL TX	-43	183	61	59	76
4	11.7	2	3.7	2	2.1	CALHOUN TX	-69	-42	-82	00	11
2	4.7	3	6.3	6	7.1	CALLAHAN TX	36	13	53	55	75
16	3.7	32	6.3	25	3.9	CAMERON TX	72	-38	6	30	27
1	4.8	2	6.8	3	7.2	CAMP TX	43	6	52	55	77
1	3.6	2	5.4	1	2.7	CARSON TX	48	-50	-26	14	14
3	3.1	8	7.4	6	4.5	CASS TX	142	-40	45	52	34
1	7.9	1	2.8	1	2.4	CASTRO TX	-65	-13	-69	02	13
		4	9.8	4	6.9	CHAMBERS TX		-29			73
6	3.8	8	5.3	8	4.3	CHEROKEE TX	39	-19	12	34	31
1	1.9	3	8.4	3	5.9	CHILDRESS TX	336	-29	209	87	57
2	4.1			4	6.8	CLAY TX			66	61	71
2	5.3					COCHRAN TX					
2	13.7					COKE TX					
5	6.2	2	3.4	4	3.7	COLEMAN TX	-46	12	-40	09	25
2	.9	15	6.1	26	7.9	COLLIN TX	566	30	764	99	83
				1	3.3	COLLINGSWORTH TX					20
1	1.4	4	5.3	7	8.8	COLORADO TX	278	65	522	97	88
6	7.0	9	8.5	9	5.2	COMAL TX	21	-38	-25	14	46
5	5.2	2	1.7	4	4.1	COMANCHE TX	-68	148	-21	16	29
		2	8.4	2	7.6	CONCHO TX		-9			80
5	4.5	5	4.1	13	8.9	COOKE TX	-8	115	98	71	89
3	3.2	6	5.8	5	4.0	CORYELL TX	82	-31	25	41	28
2	8.4	1	3.5			COTTLE TX	-59				
				2	9.0	CRANE TX					89
3	7.6	2	5.0	1	2.3	CROSBY TX	-35	-54	-70	02	12
3	9.1	2	5.9	1	2.9	DALLAM TX	-35	-51	-68	02	16
82	3.1	174	5.3	268	6.5	DALLAS TX	73	21	110	74	66
2	3.5	2	2.8	4	5.2	DAWSON TX	-21	88	49	54	45
		10*	18.3	5	7.3	DEAF SMITH TX		-60			78
2	5.1			3	6.1	DELTA TX			21	38	60
9	4.9	5	2.1	20	6.1	DENTON TX	-57	187	24	40	59
2	2.5	4	4.0	12*	10.7	DE WITT TX	61	169	333	94	94
2	7.9	1	6.3			DICKENS TX	-20				
1	4.0	1	2.6	4	9.8	DIMMIT TX	-35	276	144	79	92
2	5.8	1	3.1	2	8.7	DONLEY TX	-46	182	51	55	88
1	1.8	2	3.7	6	10.2	DUVAL TX	109	177	478	97	93
7	6.0	2	1.2	7	4.3	EASTLAND TX	-80	271	-27	13	32
3	.7	12	2.7	12	3.6	ECTOR TX	265	36	397	95	24
2	1.1	16	8.1	18	8.2	ELLIS TX	653	2	667	98	85
30	4.6	47	5.0	62	5.9	EL PASO TX	11	18	30	44	57
7	5.9	6	4.7	5	3.2	ERATH TX	-21	-31	-45	07	19
2	1.8	2	1.9	8	8.6	FALLS TX	7	343	375	95	87
3	2.0	8	6.0	7	3.6	FANNIN TX	199	-41	76	65	23
3	2.5	3	1.9	7	5.8	FAYETTE TX	-25	205	129	77	55
1	2.3	6*	14.7	1	2.1	FISHER TX	545	-86	-10	22	11
1	1.9	2	3.8	3	5.8	FLOYD TX	96	52	197	86	54
		1	4.4	1	6.5	FOARD TX		48			67
6	5.1	6	3.4	16	6.1	FORT BEND TX	-34	80	20	37	60
1	2.7	1	2.7			FRANKLIN TX	0				
2	3.0	6	9.6	1	2.7	FREESTONE TX	221	-72	-11	21	14
1	2.4	3	6.5	6	12.5	FRIO TX	169	92	418	96	97
1	4.7	2	7.4	2	5.2	GAINES TX	58	-29	13	34	46
23	6.0	32	6.6	37	6.0	GALVESTON TX	9	-9	-1	27	58
		1	4.3	1	3.4	GARZA TX		-20			22
2	4.5	3	5.1	3	3.9	GILLESPIE TX	15	-24	-13	20	27
		1	37.2			GLASSCOCK TX					
1	3.5	1	3.2	2	6.6	GOLIAD TX	-8	104	88	68	68
3	3.5	3	3.6	7	8.1	GONZALES TX	3	125	132	77	84
7	9.1	8	4.8	15*	10.9	GRAY TX	-47	127	20	37	95
9	2.9	11	3.1	28	6.4	GRAYSON TX	8	106	122	76	64
8	3.5	12	4.5	17	5.3	GREGG TX	31	17	53	56	47
2	3.8	3	4.5	4	6.1	GRIMES TX	20	34	60	59	60
3	2.8	6	4.2	5	2.8	GUADALUPE TX	50	-33	0	28	16
8	7.8	8	5.4	7	4.8	HALE TX	-31	-11	-39	09	38
1	2.2	4	10.4	2	4.5	HALL TX	368	-57	102	72	34
4	8.5	2	2.9	4	4.3	HAMILTON TX	-66	50	-49	06	32
1	3.8	4*	14.3	2	9.1	HANSFORD TX	273	-36	137	78	90
1	2.8	3	8.6	6*	11.9	HARDEMAN TX	201	39	319	94	96
2	2.8	7	6.0	12	8.2	HARDIN TX	112	36	188	85	84
143	4.7	244	5.8	326	6.2	HARRIS TX	23	7	31	45	61
3	2.7	9	7.4	8	4.7	HARRISON TX	179	-37	77	65	37
		1	6.6			HARTLEY TX					
4	7.9	3	4.7	3	4.3	HASKELL TX	-40	-10	-46	07	31
2	3.2	4	4.6	6	5.8	HAYS TX	46	25	83	67	55
2	13.4	3*	18.3	5*	27.9	HEMPHILL TX	36	52	107	73	99
4	3.9	4	3.1	11	6.7	HENDERSON TX	-21	113	69	62	69
13	2.3	23	3.8	32	3.8	HIDALGO TX	62	1	63	60	26
6	3.9	8	5.9	9	5.9	HILL TX	53	-1	52	55	56
4	5.2	6	6.7	5	5.5	HOCKLEY TX	28	-17	6	30	51
2	5.6	4	10.6	4	5.5	HOOD TX	90	-48	-1	27	50
		4	3.0	7	5.7	HOPKINS TX		89			54
2	2.4	2	2.2	4	5.4	HOUSTON TX	-6	140	125	76	48
6	4.8	10	8.0	8	5.4	HOWARD TX	65	-32	13	34	49
1	16.7	1	8.8			HUDSPETH TX	-47				
5	2.7	10	4.7	16	6.7	HUNT TX	76	42	151	80	69
2	2.8	6	5.4	9	8.4	HUTCHINSON TX	93	55	200	87	86
4	10.0	3	7.0			JACK TX	-30				
1	2.3	3	6.2	4	7.5	JACKSON TX	165	21	221	88	80
3	3.4	1	1.1	7	5.6	JASPER TX	-67	393	63	60	51
		1	11.2	1	10.9	JEFF DAVIS TX		-3			95
28	4.8	44	5.3	53	6.4	JEFFERSON TX	11	21	34	46	65
1	7.0					JIM HOGG TX					
3	4.6	6	5.2	5	3.5	JIM WELLS TX	12	-33	-25	14	22
6	3.5	6	2.8	22	8.6	JOHNSON TX	-19	208	149	80	87
5	4.7	3	3.2	5	5.6	JONES TX	-31	75	21	38	52
1	1.6	4	5.7	6	8.9	KARNES TX	253	56	450	96	89

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
										%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
7	5.8	10	7.9	8	4.9	KAUFMAN TX	35	-37	-15	19	41
		2	4.1	3	5.7	KENDALL TX		39			53
3	2.9	4	2.2	6	3.2	KERR TX	-24	45	10	32	19
1	10.1					KINNEY TX					
2	2.8	3	3.1	2	1.8	KLEBERG TX	11	-40	-33	11	10
1	2.1	2	5.9	2	4.1	KNOX TX	177	-30	94	70	29
5	3.0	9	5.2	16	8.0	LAMAR TX	74	53	166	82	83
1	1.2	3	3.1	3	3.6	LAMB TX	164	18	213	88	23
5	9.0	2	3.8	1	1.3	LAMPASAS TX	-58	-66	-86	00	08
		2	6.7	1	3.9	LA SALLE TX		-42			27
4	3.5	4	3.0	8	6.6	LAVACA TX	-15	120	87	68	68
2	4.9	1	1.9	2	4.3	LEE TX	-61	128	-11	21	32
1	2.4	2	4.8	4	7.0	LEON TX	102	48	197	86	74
4	5.7	11	9.1	11	6.5	LIBERTY TX	142	-29	73	64	66
3	3.8	6	7.1	7	7.2	LIMESTONE TX	88	2	91	69	76
4*	24.0	1	4.7	1	4.2	LIPSCOMB TX	-81	-10	-83	00	30
2	6.0	3	8.3	3	5.7	LIVE OAK TX	40	-31	-4	25	54
		3	5.4	4	4.5	LLANO TX		-17			34
18	4.4	36	6.6	35	5.5	LUBBOCK TX	51	-17	26	41	50
		2	5.1	3	7.9	LYNN TX		55			83
2	3.3	5	8.9	5	6.8	MC CULLOCH TX	169	-23	106	73	72
22	4.3	32	5.3	32	4.7	MC LENNAN TX	21	-10	8	31	37
1	14.0	3*	51.1			MC MULLEN TX	264				
		2	6.7	2	4.2	MADISON TX		-37			31
		1	2.6	3	6.9	MARION TX		161			73
		1	4.1	2	10.2	MARTIN TX		148			93
1	3.7	1	3.2			MASON TX	-15				
3	3.2	4	4.2	7	6.1	MATAGORDA TX	31	47	93	69	60
1	1.6			3	3.7	MAVERICK TX			130	77	25
2	2.4	6	6.9	8	7.1	MEDINA TX	185	2	190	85	75
1	3.9			2	9.4	MENARD TX			138	78	90
3	2.0	9	4.9	11	4.3	MIDLAND TX	138	-11	113	74	32
3	2.8	8	6.3	11	8.7	MILAM TX	124	39	212	88	87
		2	4.5	2	6.8	MILLS TX		51			72
3	5.2	3	5.3	1	2.0	MITCHELL TX	2	-62	-61	03	11
5	4.8	3	2.9	12	9.4	MONTAGUE TX	-40	229	96	70	91
4	3.8	5	3.6	10	3.0	MONTGOMERY TX	-5	-17	-21	16	17
5*	20.6	3	8.1	4	5.4	MOORE TX	-61	-33	-74	01	48
1	3.6	2	3.9	2	3.4	MORRIS TX	7	-12	-6	24	22
1	4.8	1	4.8	2	17.7	MOTLEY TX	-1	271	267	91	99
4	3.3	9	7.2	7	4.0	NACOGDOCHES TX	116	-44	20	38	28
7	4.0	7	4.0	12	6.8	NAVARRO TX	1	70	71	63	71
1	2.3	3	6.2	6	10.4	NEWTON TX	171	68	354	94	94
		8	9.7	7	8.8	NOLAN TX		-9			88
43*	6.8	46	7.0	54	6.2	NUECES TX	4	-11	-8	23	62
2	5.8	1	3.1	3	6.2	OCHILTREE TX	-47	103	7	31	61
		1	9.3			OLDHAM TX					
7	4.4	8	5.4	16	7.4	ORANGE TX	24	37	70	62	78
3	2.5	4	3.6	7	4.9	PALO PINTO TX	46	35	96	70	40
		3	4.2	2	2.5	PANOLA TX		-42			13
2	1.6	7	4.9	8	4.2	PARKER TX	201	-14	160	81	30
1	4.1	4	12.8	4	11.7	PARMER TX	209	-8	182	84	96
1	2.3	3	6.8	3	4.9	PECOS TX	204	-29	117	75	40
		1	1.4	2	2.7	POLK TX		86			15
5	1.2	25	6.9	25	6.7	POTTER TX	487	-3	470	97	69
2	7.8	1	4.2			PRESIDIO TX	-46				
1	5.4			1	3.4	RAINS TX			-38	09	21
5	6.2	4	3.3	15	7.8	RANDALL TX	-47	140	26	41	81
		1	5.2	1	5.6	REAGAN TX		7			51
				1	5.8	REAL TX					55
4	4.2	4	4.5	1	1.0	RED RIVER TX	8	-79	-77	01	07
2	4.9	5	11.4	1	2.3	REEVES TX	135	-80	-53	05	12
		2	5.2			REFUGIO TX					
2	4.4	4	7.1	5	11.5	ROBERTSON TX	59	63	159	81	95
6	7.8	2	2.0	4	4.5	RUNNELS TX	-74	119	-43	08	34
		11	7.3	4	1.8	RUSK TX		-75			10
1	3.0					SABINE TX					
2	5.8	2	5.4	1	2.4	SAN AUGUSTINE TX	-7	-56	-59	04	13
				5	12.2	SAN JACINTO TX					96
6	4.8	10	6.5	13	6.7	SAN PATRICIO TX	36	2	39	49	69
1	1.7	3	8.9	2	3.3	SAN SABA TX	417	-63	94	69	20
				2	12.6	SCHLEICHER TX					97
3	3.6	2	2.5	3	4.0	SCURRY TX	-33	61	9	31	27
				2	8.5	SHACKELFORD TX					86
1	.9	2	1.6	5	3.7	SHELBY TX	75	129	301	93	25
		1	5.2	1	6.4	SHERMAN TX		24			64
12	4.8	17	5.4	23	5.8	SMITH TX	13	7	21	38	54
		1	5.1	1	4.6	SOMERVELL TX		-10			36
1	1.5	2	2.8	2	2.2	STARR TX	85	-19	50	54	12
2	4.3	4	6.3	2	3.5	STEPHENS TX	47	-44	-18	17	22
		1	13.5	1	14.6	STERLING TX		8			98
		1	5.6	1	6.1	STONEWALL TX		8			60
2	4.2	2	4.1	3	6.6	SWISHER TX	-4	63	57	58	69
71	4.5	114	5.5	170	6.8	TARRANT TX	24	22	52	55	71
12	4.3	21	5.3	28	7.0	TAYLOR TX	24	31	62	60	74
1	3.1	3	5.0	1	1.6	TERRY TX	57	-67	-48	06	09
1	4.1	1	3.7	1	15.6	THROCKMORTON TX	-8	316	284	92	98
6	7.9	4	4.5	4	4.0	TITUS TX	-43	-12	-50	06	28
12	4.8	13	4.4	12	3.6	TOM GREEN TX	-7	-18	-24	15	24
22	3.3	30	3.5	52	5.7	TRAVIS TX	4	63	70	62	53
		2	9.5	3	5.8	TRINITY TX		-39			55
		4	7.3	3	3.0	TYLER TX		-59			18
5	5.9	1	1.0	9	7.1	UPSHUR TX	-83	618	21	38	75
		1	3.3			UPTON TX					
3	4.5	5	6.4	3	3.4	UVALDE TX	43	-47	-24	14	21
		2	2.1	5	4.9	VAL VERDE TX		134			40
5	4.0	12	8.7	10	6.8	VAN ZANDT TX	118	-22	69	62	71
7	4.9	5	3.6	14	6.7	VICTORIA TX	-26	88	38	48	70
3	3.7	1	1.2	3	3.6	WALKER TX	-69	208	-3	26	23
		4	11.4	4	9.2	WALLER TX		-20			90

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1	3.3	5	8.3	1	1.7	WARD	TX	149	-79	-48	06	10
		5	5.2	7	6.4	WASHINGTON	TX		25			65
8	3.4	9	4.1	15	5.1	WEBB	TX	19	26	49	54	44
5	4.0	5	3.6	12	6.1	WHARTON	TX	-10	127	104	72	84
2	4.1	3	5.7	2	3.5	WHEELER	TX	39	-39	-15	19	22
17	4.7	19	4.3	30	6.3	WICHITA	TX	-9	48	34	46	63
		2	2.8	3	3.1	WILBARGER	TX		7			18
1	1.9	2	2.7	1	1.8	WILLACY	TX	45	-33	-3	26	10
10	5.5	8	4.6	14	5.3	WILLIAMSON	TX	-17	16	-3	26	47
2	3.0	4	5.5	7	9.9	WILSON	TX	81	81	227	89	92
2	5.5	2	9.6			WINKLER	TX	75				
2	2.1	6	5.5	10	8.3	WISE	TX	160	52	296	93	85
2	1.9	4	4.5	5	3.7	WOOD	TX	143	-18	99	71	25
		1	2.2	1	3.5	YOAKUM	TX		59			23
1	1.1	5	4.6	9	7.9	YOUNG	TX	328	71	634	98	82
		2	7.7	1	4.6	ZAPATA	TX		-40			36
		1	3.0	5	10.3	ZAVALA	TX		244			93
130	4.5	169	4.8	261	6.0	UTAH	UT	7	25	34		
1	5.0	1	10.2	1	4.0	BEAVER	UT	104	-61	-20	16	28
4	5.8	3	3.1	6	5.1	BOX ELDER	UT	-46	62	-12	21	43
4	3.2	11	7.7	7	4.1	CACHE	UT	138	-47	26	41	28
2	1.9	4	4.1	3	3.1	CARBON	UT	113	-23	63	60	19
5	3.9	4	1.2	24	8.6	DAVIS	UT	-70	631	122	76	87
1	4.2					DUCHESNE	UT					
		1	3.7			EMERY	UT					
				1	5.6	GARFIELD	UT					51
1	12.2			1	2.7	GRAND	UT			-78	01	15
		3	6.6	5	8.9	IRON	UT		36			89
5*	26.6			3	11.4	JUAB	UT			-57	04	95
		3*	23.7	3*	18.8	KANE	UT		-21			99
1	2.7	1	2.4			MILLARD	UT	-11				
1	7.2					MORGAN	UT					
1	8.3					PIUTE	UT					
1	13.0			1	12.4	RICH	UT			-5	25	97
63	5.2	87	5.7	120	6.5	SALT LAKE	UT	11	13	26	41	67
1	5.2					SAN JUAN	UT					
4	7.1	3	5.4	6	8.4	SANPETE	UT	-24	55	18	37	85
2	3.3	4	7.1	2	2.9	SEVIER	UT	113	-59	-13	20	16
		1	2.3	1	3.0	SUMMIT	UT		34			18
4	5.3	2	3.6	4	4.0	TOOELE	UT	-32	10	-24	14	28
2	8.3					UINTAH	UT					
10	2.9	13	3.2	37	7.0	UTAH	UT	11	120	143	79	74
3*	14.0	1	5.9	1	3.1	WASATCH	UT	-58	-47	-78	01	18
		4	5.3	1	.6	WASHINGTON	UT		-88			07
14	3.6	23	5.2	34	6.6	WEBER	UT	44	27	83	67	68
91	4.9	125	6.4	127	5.9	VERMONT	VT	31	-8	21		
5	5.2	3	2.9	3	2.4	ADDISON	VT	-44	-17	-53	05	13
11*	9.2	9	6.6	8	4.6	BENNINGTON	VT	-28	-31	-50	05	36
8	6.9	10	8.1	4	3.2	CALEDONIA	VT	18	-60	-53	05	19
15	5.5	22	7.9	24	7.5	CHITTENDEN	VT	44	-5	37	48	79
1	2.7	4	12.6	1	2.9	ESSEX	VT	361	-77	8	31	17
3	2.2	6	4.5	10	7.0	FRANKLIN	VT	104	58	223	89	74
		1	6.1			GRAND ISLE	VT					
3	5.1	2	3.2	5	8.4	LAMOILLE	VT	-37	161	65	61	86
4	4.7	4	4.5	5	4.6	ORANGE	VT	-5	4	-2	27	36
3	2.8	6	5.8	6	6.0	ORLEANS	VT	109	5	119	75	59
15	6.3	18	7.7	25*	9.3	RUTLAND	VT	22	22	48	53	90
5	2.3	12	5.6	11	4.6	WASHINGTON	VT	140	-17	99	71	36
8	4.9	10	6.2	9	5.0	WINDHAM	VT	27	-20	1	28	41
10	4.8	18	8.3	16	6.4	WINDSOR	VT	73	-22	35	47	65
486	4.2	682	5.0	849	5.2	VIRGINIA	VA	19	4	24		
5	4.5	3	2.4	6	5.4	ACCOMACK	VA	-47	126	20	38	47
11	5.8	21*	9.2	14	5.1	ALBEMARLE#	VA	57	-45	-13	20	43
5	4.8	8	5.8	9	6.2	ALLEGHANY#	VA	20	8	30	43	62
3*	14.0	1	4.0	1	3.9	AMELIA	VA	-72	-1	-72	01	27
2	2.7	3	3.3	6	5.8	AMHERST	VA	19	78	112	74	55
				5	10.5	APPOMATTOX	VA					94
30	5.2	32	4.2	39	6.0	ARLINGTON#	VA	-18	41	16	36	58
12	4.1	19	6.0	15	4.1	AUGUSTA#	VA	45	-31	0	27	29
1	3.7	1	3.5	1	4.4	BATH	VA	-4	25	20	38	33
14	3.3	22	4.8	20	3.7	BEDFORD#	VA	44	-23	12	34	25
2	8.3					BLAND	VA					
1	1.6	3	4.9	2	2.1	BOTETOURT	VA	208	-57	32	45	11
2	6.3			2	5.5	BRUNSWICK	VA			-13	20	49
4	5.1	6	5.1	3	2.4	BUCHANAN	VA	-1	-52	-52	05	13
4*	10.5			2	5.0	BUCKINGHAM	VA			-52	05	42
1	3.3			4	7.9	CAROLINE	VA			137	78	83
6	3.0	5	2.2	5	2.0	CARROLL#	VA	-28	-9	-34	10	11
1	2.1	1	2.0	1	2.6	CHARLOTTE	VA	-3	31	27	42	14
50	5.8	65	7.2	69	7.0	CHESTERFIELD#	VA	24	-3	20	37	74
		2	5.3	2	4.9	CLARKE	VA		-8			40
2	13.7			1	5.7	CRAIG	VA			-58	04	54
5	9.6	1	1.5	9	11.7	CULPEPER	VA	-84	671	21	38	96
1	6.5	1	6.2	1	3.9	CUMBERLAND	VA	-4	-37	-39	09	27
2	2.6	4	4.9	3	3.7	DICKENSON	VA	90	-25	43	51	24
6	3.7	14	5.9	10	3.3	DINWIDDIE#	VA	61	-44	-9	22	21
1	5.5	1	5.2	2	8.4	ESSEX	VA	-7	62	51	55	85
26	2.7	58	4.7	89	5.2	FAIRFAX#	VA	75	10	93	69	45
5	5.9	6	6.8	8	7.9	FAUQUIER	VA	14	17	33	46	82
1	1.8	1	1.8			FLOYD	VA	-3				
2	1.9	3	2.8	9	6.8	FRANKLIN	VA	49	138	255	90	71
9	6.5	12	7.3	20*	9.2	FREDERICK#	VA	13	26	43	51	90
2	3.1			2	2.3	GILES	VA			-27	13	12
1	2.0	3	5.7	2	2.7	GLOUCESTER	VA	188	-52	38	48	15

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WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				1	3.3	GOOCHLAND VA					20
2	11.0	2	10.6	1	3.0	GREENE VA	-4	-71	-72	01	18
4*	20.0	4	12.2	1	2.9	GREENSVILLE#VA	-39	-76	-86	00	16
6	4.9	2	2.1	6	4.9	HALIFAX#VA	-57	130	0	27	40
2	2.0	5	5.1	7	4.2	HANOVER VA	150	-17	108	73	30
11	4.0	26	5.6	47	7.9	HENRICO VA	41	42	100	72	82
2	1.7	6	3.5	15	5.4	HENRY#VA	109	53	219	88	48
3	9.7	3	7.8			ISLE OF WIGHT VA	-20				
3	2.4	11	7.1	14	6.9	JAMES CITY#VA	199	-3	190	85	73
1	9.1	1	5.8			KING AND QUEEN VA	-36				
1	5.3	1	9.3	5*	16.4	KING GEORGE VA	76	76	210	87	98
3*	15.0	1	4.7			KING WILLIAM VA	-69				
		1	3.1	3	7.6	LANCASTER VA		145			80
3	2.3	6	4.5	13	10.2	LEE VA	91	127	333	94	93
4	4.5	8	7.7	4	3.6	LOUDOUN VA	72	-54	-21	16	23
				2	2.8	LOUISA VA					16
1	2.2	1	3.6	1	2.8	LUNENBURG VA	68	-23	28	43	15
2	5.4	3	9.2			MADISON VA	72				
2	6.1	1	2.6	3	7.3	MATHEWS VA	-57	179	21	38	78
4	6.2	5	6.0	4	4.0	MECKLENBURG VA	-3	-34	-36	10	28
1	4.1	2	8.5	2	4.8	MIDDLESEX VA	109	-44	17	36	38
2	1.4	12	7.2	12	5.5	MONTGOMERY#VA	410	-23	291	92	51
1	2.2	2	3.3			NELSON VA	54				
		2	4.0	1	1.7	NORTHAMPTON VA		-56			10
2	6.3	3	8.8	3	5.6	NORTHUMBERLAND VA	41	-37	-11	21	51
		3	6.4	2	3.6	NOTTOWAY VA		-44			23
1	2.1	4	7.1	3	3.1	ORANGE VA	234	-57	45	52	18
2	3.1	1	1.2	7	7.8	PAGE VA	-60	529	154	81	81
2	3.0	1	1.3	2	2.1	PATRICK VA	-56	59	-29	12	12
9	3.1	17	5.2	19	4.7	PITTSYLVANIA#VA	71	-10	55	57	38
1	7.0			2	5.5	POWHATAN VA			-21	16	50
1	2.8	4	9.2	2	4.2	PRINCE EDWARD VA	223	-55	47	53	30
2	2.2	6	4.4	13	4.5	PRINCE WILLIAM#VA	100	1	102	72	34
5	6.2	2	1.8	7	5.8	PULASKI VA	-70	217	-6	24	54
1	3.8			1	3.0	PAPPAHANNOCK VA			-20	16	17
1	4.8	2	8.5	1	2.8	RICHMOND VA	78	-67	-41	08	16
41*	7.4	38	5.7	51	6.7	ROANOKE#VA	-22	16	-9	22	69
6	5.3	7	6.1	10	7.0	ROCKBRIDGE#VA	13	16	31	44	74
12	5.9	16	6.8	15	5.2	ROCKINGHAM#VA	16	-24	-11	21	45
5	4.3	6	5.2	6	4.7	RUSSELL VA	23	-11	10	32	37
10*	8.8	10	8.9	2	1.4	SCOTT VA	2	-84	-84	00	09
4	4.0	7	6.0	3	2.2	SHENANDOAH VA	51	-63	-45	07	12
3	2.4	5	3.2	2	1.2	SMYTH VA	31	-62	-51	05	08
4	7.1	3	5.0	5	7.9	SOUTHAMPTON#VA	-30	58	11	33	82
4	4.1	14*	15.1	8	7.1	SPOTSYLVANIA#VA	267	-53	74	64	76
		2	3.9	3	2.1	STAFFORD VA		-46			11
3*	26.9	1	6.4	2	12.8	SURRY VA	-76	102	-52	05	97
		3	13.7	3	11.3	SUSSEX VA		-17			95
6	3.7	6	4.0	10	5.5	TAZEWELL VA	8	37	48	53	50
2	3.8	2	2.6	5	6.6	WARREN VA	-31	151	73	64	68
8	3.6	10	4.3	7	2.4	WASHINGTON#VA	19	-44	-34	11	13
2	6.1	2	3.9	2	2.4	WESTMORELAND VA	-36	-38	-61	03	13
4	2.4	4	2.0	10	5.1	WISE#VA	-17	162	118	75	44
3	2.4	7	7.0	7	6.6	WYTHE VA	187	-6	171	83	68
43	3.4	67	4.5	94	5.6	CHESAPEAKE CITY#VA	30	25	63	60	52
7	4.3	10	3.7	16	5.5	HAMPTON CITY VA	-15	50	28	42	50
11	5.9	13	5.3	17	5.1	NEWPORT NEWS CITY VA	-10	-4	-13	20	43
6	6.9	5	6.4	5	4.7	SUFFOLK CITY VA	-8	-27	-32	11	37
562	4.5	795	5.6	932	5.8	WASHINGTON WA	25	2	28		
		5	11.6	2	3.7	ADAMS WA		-68			24
1	1.8	6	8.3	6	7.5	ASOTIN WA	356	-9	314	93	79
12	8.2	15	5.6	18	4.8	BENTON WA	-32	-15	-42	08	38
7	3.3	12	5.7	15	6.0	CHELAN WA	74	4	81	66	58
6	4.0	11	6.2	11	4.8	CLALLAM WA	57	-23	21	38	39
22	4.9	35	7.0	27	4.3	CLARK WA	41	-38	-12	20	32
2	7.0	2	7.4	2	6.7	COLUMBIA WA	6	-10	-4	25	70
13	5.2	21	7.2	15	4.4	COWLITZ WA	39	-38	-14	19	33
4	6.3	6	8.3	7	7.2	DOUGLAS WA	31	-13	14	35	76
		1	6.9	1	4.8	FERRY WA		-29			39
6	9.2	4	4.4	1	1.0	FRANKLIN WA	-52	-77	-89	00	08
		2	12.4			GARFIELD WA					
4	3.2	6	4.0	15	8.6	GRANT WA	22	116	164	82	87
16	4.8	12	3.7	18	5.1	GRAYS HARBOR WA	-23	38	6	30	43
4	5.9	10	11.0	9	5.2	ISLAND WA	87	-53	-12	20	44
3	5.3	5	9.0	6	7.3	JEFFERSON WA	72	-19	40	49	78
184	5.0	243	5.6	299	6.2	KING WA	13	11	25	41	62
19	4.7	18	4.2	32	5.9	KITSAP WA	-11	42	27	42	57
4	3.6	12*	10.6	4	3.3	KITTITAS WA	195	-69	-9	22	20
		3	3.9	3	4.4	KLICKITAT WA		13			33
10	4.3	13	5.1	13	4.7	LEWIS WA	18	-9	7	31	36
1	1.4	3	5.6	4	6.1	LINCOLN WA	289	11	331	94	61
3	3.4	8	7.0	9	6.3	MASON WA	106	-10	86	68	63
5	4.0	6	4.6	13	8.5	OKANOGAN WA	13	87	111	74	87
6	6.5	5	5.1	10	10.4	PACIFIC WA	-21	103	59	58	94
1	4.0	2	4.6	6*	12.9	PEND OREILLE WA	15	180	221	88	97
60	4.5	86	5.5	107	6.1	PIERCE WA	23	11	36	47	59
1	5.6	1	2.6	2	7.9	SAN JUAN WA	-54	208	41	50	82
9	3.3	19	6.9	18	5.5	SKAGIT WA	110	-20	68	62	50
2	6.2			3	10.7	SKAMANIA WA			73	63	94
29	4.0	52	5.7	65	5.6	SNOHOMISH WA	43	-2	40	49	52
66	5.2	59	4.3	75	5.1	SPOKANE WA	-18	19	-2	27	44
3	3.5	6	6.3	4	3.4	STEVENS WA	78	-47	-5	25	21
7	2.8	22	7.2	19	4.3	THURSTON WA	154	-40	53	56	32
8	3.7	9	4.2	14	6.1	WALLA WALLA WA	15	44	66	61	60
17	4.5	25	6.4	29	6.6	WHATCOM WA	43	3	47	53	68
7	5.3	5	4.0	8	5.8	WHITMAN WA	-23	44	10	32	55
20	3.3	45	6.5	42	5.6	YAKIMA WA	98	-13	72	63	52

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LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
304	3.7	431	5.2	470	5.3	WEST VIRGINIA WV	39	3	43		
4	5.1	8	9.5	5	6.5	BARBOUR WV	88	-31	29	43	67
2	1.2	6	3.7	9	4.5	BERKELEY WV	211	20	272	91	34
1	.9	2	1.5	5	4.2	BOONE WV	67	182	371	95	30
5	6.3	1	1.2	2	2.3	BRAXTON WV	-81	99	-63	03	13
6	4.7	9	6.1	8	5.1	BROOKE WV	29	-17	7	31	43
19	4.1	20	4.2	27	5.4	CABELL WV	2	29	31	44	46
3	7.0	1	2.1	2	5.4	CALHOUN WV	-71	161	-24	15	48
		2	4.1			CLAY WV					
1	1.8	4	10.2			DODDRIDGE WV	457				
10	4.0	15	5.8	14	5.7	FAYETTE WV	43	0	42	50	54
				3	6.1	GILMER WV					59
1	2.4	1	2.4			GRANT WV	0				
3	2.0	8	4.7	15	8.5	GREENBRIER WV	138	82	333	94	86
1	1.5	3	4.9	2	3.0	HAMPSHIRE WV	215	-38	97	70	18
10	6.9	15	8.0	13	7.0	HANCOCK WV	16	-14	1	28	73
		1	2.3	2	4.3	HARDY WV		90			32
9	2.3	22	5.6	22	5.6	HARRISON WV	140	1	143	79	52
3	3.7	4	4.5	6	6.5	JACKSON WV	24	42	76	65	66
4	5.7	9*	11.6	9	8.5	JEFFERSON WV	104	-27	49	54	86
53	6.1	43	4.3	72	7.0	KANAWHA WV	-29	62	15	35	74
6	5.2	4	2.9	6	5.7	LEWIS WV	-45	98	10	32	53
4	4.0	5	5.0	4	4.0	LINCOLN WV	24	-21	-1	27	28
6	2.5	11	5.6	8	3.8	LOGAN WV	127	-31	56	57	26
9	4.8	7	3.3	11	6.9	MC DOWELL WV	-31	108	43	51	72
11	3.8	19	6.0	25	7.6	MARION WV	56	28	99	71	80
12	6.5	13	6.8	7	3.5	MARSHALL WV	5	-49	-47	07	22
1	.9	7	6.1	3	2.6	MASON WV	551	-57	178	84	14
11	4.3	14	4.9	11	3.6	MERCER WV	16	-27	-16	19	23
1	1.0	8	7.2	7	6.0	MINERAL WV	610	-16	494	97	59
2	1.3	6	4.4	12	8.5	MINGO WV	234	92	539	97	86
11	4.4	15	5.6	12	4.7	MONONGALIA WV	27	-16	7	31	38
6	9.7	3	4.7	5	9.0	MONROE WV	-51	91	-7	23	89
1	2.6	4	9.4	3	5.8	MORGAN WV	264	-38	124	76	55
2	1.9	5	4.4	5	4.0	NICHOLAS WV	135	-8	116	75	28
26*	7.4	30*	9.1	18	5.3	OHIO WV	24	-42	-28	13	47
		2	5.0			PENDLETON WV					
		2	6.2	2	5.7	PLEASANTS WV		-9			53
2	3.0	3	4.7	2	3.9	POCAHONTAS WV	53	-17	28	42	27
6	4.2	5	3.6	7	4.8	PRESTON WV	-14	33	15	35	39
2	2.2	7	6.4	8	5.5	PUTNAM WV	193	-15	150	80	49
15	5.0	24	8.2	16	4.4	RALEIGH WV	65	-46	-11	21	33
6	4.5	3	2.4	6	4.5	RANDOLPH WV	-46	88	2	28	35
1	1.5	5	6.8	4	5.6	RITCHIE WV	350	-17	275	92	52
2	2.2	1	.9	4	4.8	ROANE WV	-58	432	122	76	39
1	1.4	1	1.3	4	5.1	SUMMERS WV	-2	281	274	92	43
2	3.1	4	5.0	5	5.6	TAYLOR WV	59	12	78	66	51
1	2.0	2	4.3			TUCKER WV	120				
1	1.3	4	6.6	4	6.1	TYLER WV	417	-7	378	95	60
		4	4.5	7	6.5	UPSHUR WV		45			67
2	1.3	7	3.8	8	4.0	WAYNE WV	206	4	220	88	28
1	.9	3	4.7	2	2.9	WEBSTER WV	418	-40	213	88	16
3	2.7	6	5.8	5	4.7	WETZEL WV	112	-20	71	62	37
1	3.3			1	3.1	WIRT WV			-6	24	18
14	4.2	15	4.1	25	5.9	WOOD WV	-3	45	41	50	57
		8	8.1	7	5.7	WYOMING WV		-30			53
785	4.3	1125	5.7	1318	6.2	WISCONSIN WI	31	8	42		
2	3.7	1	1.3	5	7.8	ADAMS WI	-65	511	112	74	81
5	4.8	5	3.9	4	3.8	ASHLAND WI	-19	-4	-22	15	25
5	2.4	9	4.4	18	8.2	BARRON WI	82	89	244	90	85
5	6.5			7	8.2	BAYFIELD WI			27	42	85
21	4.5	41	7.4	51	7.9	BROWN WI	66	7	78	65	83
3	3.8	5	6.1	2	2.0	BUFFALO WI	58	-67	-48	06	11
2	2.5	1	1.0	8	9.4	BURNETT WI	-59	800	273	91	90
1	.8	6	5.1	11	8.8	CALUMET WI	513	72	955	99	88
8	3.5	13	5.7	16	6.1	CHIPPEWA WI	62	8	75	64	60
8	5.1	8	4.5	8	4.2	CLARK WI	-10	-7	-17	18	30
10	4.8	13	6.2	10	4.2	COLUMBIA WI	29	-32	-12	20	30
6	6.9	2	2.2	5	4.7	CRAWFORD WI	-68	113	-32	11	37
37	4.8	55	5.6	62	5.8	DANE WI	17	3	21	38	55
14	4.4	17	4.9	25	6.7	DODGE WI	13	35	53	56	69
5	4.1	12*	9.5	9	6.3	DOOR WI	131	-34	52	55	62
16	6.5	17	6.5	15	6.5	DOUGLAS WI	-3	1	-3	26	64
4	2.5	11	7.3	10	6.7	DUNN WI	192	-8	168	82	69
10	4.0	16	5.7	23	7.1	EAU CLAIRE WI	43	25	79	66	75
				1	4.9	FLORENCE WI					40
17	4.6	31*	8.5	23	5.6	FOND DU LAC WI	84	-34	22	39	52
1	2.6	1	2.6	1	1.8	FOREST WI	-3	-29	-31	12	10
10	4.4	12	5.2	12	5.0	GRANT WI	20	-5	13	34	41
8	5.4	7	4.4	5	3.4	GREEN WI	-20	-22	-38	09	21
5	6.7	5	4.8	9	7.3	GREEN LAKE WI	-28	51	9	32	77
2	2.1	5	5.2	8	7.3	IOWA WI	145	39	242	90	77
1	2.5	1	2.0	3	6.6	IRON WI	-20	230	165	82	68
		7	7.1	7	6.5	JACKSON WI		-9			66
6	2.2	13	4.4	17	5.4	JEFFERSON WI	100	22	145	79	49
2	1.7	4	5.4	5	4.4	JUNEAU WI	211	-18	154	81	33
19	4.2	21	4.2	29	5.4	KENOSHA WI	1	27	29	43	48
3	3.3	8	8.4	8	8.1	KEWAUNEE WI	158	-4	147	80	83
9	2.5	17	4.6	28	7.1	LA CROSSE WI	83	54	182	84	75
5	5.5	5	5.2	8	8.9	LAFAYETTE WI	-5	70	62	59	89
4	3.7	3	2.3	13*	11.2	LANGLADE WI	-38	396	205	87	95
6	4.9	8	6.5			LINCOLN WI	33				
7	2.1	20	5.0	35	8.1	MANITOWOC WI	139	63	288	92	84
19	4.9	37*	8.6	27	5.6	MARATHON WI	76	-35	14	35	51
10	4.9	13	6.3	10	4.4	MARINETTE WI	29	-31	-11	21	33
2	3.3	1	1.6	7	8.8	MARQUETTE WI	-51	454	170	83	88

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
9	2.6	24	6.5	27	7.5	MENOMINEE#WI	148	15	184	85	79
218	5.1	287	6.3	288	6.5	MILWAUKEE WI	24	3	27	42	67
3	1.8	7	3.4	15	6.8	MONROE WI	87	100	275	92	72
6	5.4	9	7.1	11	6.9	ONEIDA WI	31	-2	28	42	73
23	6.2	23	5.2	32	6.5	OUTAGAMIE WI	-16	25	5	30	67
6	3.6	5	3.0	8	3.1	OZAUKEE WI	-16	2	-14	19	18
1	2.4	2	3.7	3	5.2	PEPIN WI	55	40	117	75	45
6	4.7	8	6.1	10	7.9	PIERCE WI	28	30	66	61	82
9	6.3	9	5.7	11	5.9	POLK WI	-10	3	-7	23	56
6	3.5	7	3.9	15	6.8	PORTAGE WI	9	75	91	69	71
1	1.3	7	7.5	4	4.1	PRICE WI	476	-46	211	88	29
35	5.8	43	6.7	48	6.9	RACINE WI	16	2	18	37	72
3	3.0	10*	10.0	4	3.7	RICHLAND WI	236	-63	24	40	24
26	5.3	22	4.1	34	6.1	ROCK WI	-22	48	15	35	59
6	6.9	3	3.7	5	5.1	RUSK WI	-47	38	-27	13	42
1	.7	7	4.3	14	8.2	ST CROIX WI	545	90	1128	99	84
6	3.0	11	5.1	9	3.6	SAUK WI	72	-29	22	39	24
3	4.5	3	5.4	3	3.3	SAWYER WI	20	-39	-27	13	20
14	3.2	15	3.2	30	5.7	SHEBOYGAN WI	1	79	81	66	54
2	2.1	6	5.9	3	2.9	TAYLOR WI	176	-50	38	48	17
2	1.4	14*	9.6	11	6.5	TREMPEALEAU WI	597	-32	373	95	67
6	3.8	12	7.8	5	3.2	VERNON WI	103	-59	-16	18	19
4	7.5	4	6.6	9	8.5	VILAS WI	-12	30	14	35	87
5	2.1	15	5.4	20	6.0	WALWORTH WI	151	11	179	84	58
3	5.1	10*	12.6	3	3.7	WASHBURN WI	150	-71	-28	13	24
7	3.4	17	7.2	19	6.2	WASHINGTON WI	111	-14	81	66	61
29	5.6	40	5.1	63	6.9	WAUKESHA WI	-7	33	24	40	72
13	5.7	10	4.4	14	5.2	WAUPACA WI	-23	17	-10	21	44
3	3.9			6	6.8	WAUSHARA WI			72	63	71
23	4.6	30	5.6	29	4.9	WINNEBAGO WI	22	-11	8	31	41
8	3.3	14	5.0	20	6.1	WOOD WI	53	21	85	68	59
38	2.6	62	4.2	90	5.4	WYOMING WY	57	30	105		
1	1.0	1	1.8	5	5.1	ALBANY WY	78	181	400	96	43
2	4.1	2	3.3	5	8.5	BIG HORN WY	-19	156	106	73	86
1	3.2	3	8.5	4	7.4	CAMPBELL WY	166	-14	129	77	78
1	1.1	2	2.4	1	1.1	CARBON WY	131	-55	5	30	08
				1	2.1	CONVERSE WY					11
				2	8.4	CROOK WY					86
3	3.2	2	1.3	6	5.5	FREMONT WY	-58	320	75	64	51
2	3.4	3	4.3	2	3.4	GOSHEN WY	26	-21	0	27	21
2	6.9	1	2.2	3	8.4	HOT SPRINGS WY	-68	277	22	39	86
				2	5.5	JOHNSON WY					50
3	1.1	11	4.7	16	6.1	LARAMIE WY	330	29	457	97	60
3	8.2	3	5.7	1	2.5	LINCOLN WY	-31	-57	-70	02	13
4	2.1	9	4.6	12	5.3	NATRONA WY	121	14	151	80	46
		3	12.6			NIOBRARA WY					
3	2.8	4	3.9	8	7.3	PARK-TETON#WY	39	89	164	82	78
2	5.0	2	4.4	7*	14.8	PLATTE WY	-12	239	198	86	98
1	.9	6	4.8	3	2.2	SHERIDAN WY	439	-54	147	80	12
				1	7.3	SUBLETTE WY					77
5	4.6	4	5.6	1	.4	SWEETWATER WY	23	-92	-91	00	07
1	2.5	2	4.7	2	4.0	UINTA WY	88	-16	57	58	27
4*	13.0	1	2.6	5	14.9	WASHAKIE WY	-80	471	14	35	98

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
21357	2.9	34311	3.7	46566	4.1	UNITED STATES	30	10	43		
185	1.9	412	3.3	598	3.7	ALABAMA AL	71	12	92		
1	1.8	1	1.6	4	4.8	AUTAUGA AL	-12	193	158	82	73
3	1.7	11	4.6	7	2.0	BALDWIN AL	169	-56	19	36	21
		2	2.6			BARBOUR AL					
		1	1.5	6	8.5	BIBB AL		449			95
1	.9	4	2.8	5	2.9	BLOUNT AL	233	3	243	89	34
1	3.5	1	4.4			BULLOCK AL	26				
		6	6.7	4	3.9	BUTLER AL		-42			53
3	1.2	15	3.9	21	4.3	CALHOUN AL	239	11	276	91	64
6	5.1	3	2.0	8	4.1	CHAMBERS AL	-62	106	-21	17	58
2	2.9	2	2.5	3	3.5	CHEROKEE AL	-16	44	21	38	47
		2	1.6	6	3.6	CHILTON AL		122			47
		2	4.4			CHOCTAW AL					
1	1.4	3	3.4	2	2.2	CLARKE AL	138	-36	52	54	23
				1	1.1	CLAY AL					12
				2	2.8	CLEBURNE AL					32
1	.9	3	2.2	8	4.6	COFFEE AL	137	106	388	95	70
1	.5	7	3.7	7	3.1	COLBERT AL	602	-16	488	97	37
1	2.0	4	7.0			CONECUH AL	242				
1	2.4	1	2.4	1	2.1	COOSA AL	-3	-13	-15	19	22
2	1.6	4	2.4	4	1.8	COVINGTON AL	46	-23	12	32	19
				3	3.0	CRENSHAW AL					36
		8	3.1	11	3.0	CULLMAN AL		-3			36
3	4.1	3	2.4	7	4.7	DALE AL	-41	94	14	33	71
2	2.0	1	.8	11	6.9	DALLAS AL	-58	719	245	90	92
3	1.5	10	4.4	13	4.7	DE KALB AL	184	8	205	86	72
3	2.8	3	2.3	7	4.0	ELMORE AL	-17	74	44	50	56
2	2.0	4	3.3	5	3.4	ESCAMBIA AL	67	1	69	62	43
8	2.1	15	3.5	25	4.6	ETOWAH AL	62	33	115	74	70
3	3.9	1	1.6			FAYETTE AL	-60				
1	.9	5	4.0	9	5.7	FRANKLIN AL	364	41	555	98	85
2	1.8	1	.8	5	3.7	GENEVA AL	-54	353	108	73	50
2	7.7	1	3.3	3	7.8	HALE AL	-58	138	1	26	94
		1	1.7	5	7.7	HENRY AL		349			94
		5	2.4	13	4.6	HOUSTON AL		89			69
4	2.5	5	2.6	4	1.7	JACKSON AL	3	-34	-33	12	17
53	3.1	106	4.6	129	4.4	JEFFERSON AL	48	-3	43	49	67
		4	4.9	6	6.0	LAMAR AL		21			87
8	3.4	13	5.1	15	3.7	LAUDERDALE AL	48	-28	7	29	49
1	1.2	2	2.0	5	4.1	LAWRENCE AL	65	107	242	89	58
3	2.9	4	2.6	6	3.1	LEE AL	-7	15	7	29	37
1	.9	2	1.3	5	2.4	LIMESTONE AL	46	80	163	82	26
				1	4.0	LOWNDES AL					55
		1	3.3			MACON AL					
1	.2	11	2.3	30	4.5	MADISON AL	875	92	1771	99	68
2	4.9	4	7.4	2	3.6	MARENGO AL	51	-52	-27	14	47
1	.8	2	1.5	4	2.7	MARION AL	86	75	225	88	29
2	.9	10	4.0	16	4.2	MARSHALL AL	323	5	346	94	61
12	1.5	31	3.3	42	3.3	MOBILE AL	120	0	118	75	42
1	2.5	1	1.9	1	.6	MONROE AL	-23	-69	-76	00	10
10	2.6	14	2.6	29	4.2	MONTGOMERY AL	0	60	61	58	60
4	2.1	9	3.0	19	4.9	MORGAN AL	45	64	138	79	75
1	3.0	1	2.8	2	5.0	PERRY AL	-6	76	66	61	76
2	3.1			1	.9	PICKENS AL			-69	01	11
2	2.6	5	4.7	4	3.5	PIKE AL	82	-26	35	45	46
1	1.1	5	5.4	3	2.0	RANDOLPH AL	372	-63	77	65	21
		5	3.9	4	2.3	RUSSELL AL		-43			24
1	.8	7	6.0	3	1.9	ST CLAIR AL	615	-67	133	78	20
1	.9	6	4.4	7	3.5	SHELBY AL	406	-21	300	92	45
		1	2.7			SUMTER AL					
9	4.6	5	2.2	13	4.2	TALLADEGA AL	-51	90	-8	21	61
1	.7	2	1.3	2	1.4	TALLAPOOSA AL	92	8	108	73	15
5	1.6	18	4.3	22	4.3	TUSCALOOSA AL	163	1	167	83	63
3	1.4	7	2.8	7	1.8	WALKER AL	103	-37	28	42	18
2	7.3			4	6.5	WASHINGTON AL			-11	20	90
1	3.9	1	3.4	4*	8.1	WILCOX AL	-13	140	108	73	95
				2	1.8	WINSTON AL					19
		14	2.9	10	1.8	ALASKA AK		-36			
97	2.6	241	3.6	409	3.7	ARIZONA AZ	42	2	44		
1	5.0					APACHE AZ					
3	1.6	7	2.7	11	3.1	COCHISE AZ	69	15	94	70	38
2	4.8	4	5.9	6	4.8	COCONINO AZ	23	-19	-1	25	73
		3	2.5	3	1.8	GILA AZ		-28			18
		2	3.5	3	4.3	GRAHAM AZ		25			64
2	4.5	3	6.8	2	4.7	GREENLEE AZ	51	-31	5	28	73
58	2.8	147	4.0	248	3.8	MARICOPA AZ	43	-4	37	46	52
		2	3.5	3	.9	MOHAVE AZ		-74			11
3	5.3	1	1.6	2	1.8	NAVAJO AZ	-71	18	-65	02	19
20	2.7	56	3.7	91	3.9	PIMA AZ	40	6	48	52	54
1	.4	2	.8	8	2.9	PINAL AZ	78	275	567	98	33
4*	10.6	1	1.9	3	3.7	SANTA CRUZ AZ	-82	98	-65	02	51
2	1.5	5	2.2	18	4.5	YAVAPAI AZ	52	101	206	86	68
1	1.0	8	4.8	11	3.9	YUMA AZ	373	-17	291	92	55
116	1.7	235	2.7	397	3.4	ARKANSAS AR	60	27	102		
3	3.0			4	2.6	ARKANSAS AR			-14	20	29
		2	2.4	6	5.2	ASHLEY AR		117			80
2	2.4	6	5.2	11	4.9	BAXTER AR	111	-5	101	71	75
5	2.0	5	1.7	16	3.7	BENTON AR	-13	113	85	67	49
1	1.1	1	.7	7	3.9	BOONE AR	-37	474	259	90	55

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	3.5	4	6.4			BRADLEY AR	83				
1	4.0			2	4.9	CALHOUN AR			23	39	75
2	2.8	3	4.0	5	4.2	CARPOLL AR	43	7	53	55	61
1	3.4	3	7.5	2	4.0	CHICOT AR	119	-46	17	35	57
1	1.3	2	2.4	1	.7	CLARK AR	94	-70	-41	06	11
1	.7	5	4.2	2	1.2	CLAY AR	487	-71	69	62	13
2	4.1	1	1.8	2	1.6	CLEBURNE AR	-57	-12	-62	03	16
		3	2.7	6	4.4	COLUMBIA AR		63			66
1	1.4			3	2.8	CONWAY AR			106	72	32
1	.4	3	1.2	5	1.3	CRAIGHEAD AR	221	9	251	90	14
2	1.9	3	2.0	4	2.1	CRAWFORD AR	7	1	8	30	21
2	3.9			5	4.5	CRITTENDEN AR			15	34	69
		2	2.5	1	.9	CROSS AR		-63			11
1	2.1	5*	9.7	3	4.4	DALLAS AR	352	-54	106	72	65
		3	5.0	1	1.4	DESHA AR		-72			15
1	1.9	1	2.3	5	5.7	DREW AR	17	151	193	85	85
		3	2.0	9	4.6	FAULKNER AR		132			69
1	1.6	1	1.1	1	1.9	FRANKLIN AR	-27	66	21	37	19
		1	2.7			FULTON AR					
3	1.2	19	5.5	23	4.6	GARLAND AR	376	-17	293	92	69
1	2.2			1	1.1	GRANT AR			-51	05	12
2	1.2	1	.8	4	2.2	GREENE AR	-37	183	79	66	23
1	1.1	1	.8	7	4.8	HEMPSTEAD AR	-30	514	330	93	74
1	1.1	2	1.9	4	2.8	HOT SPRING AR	78	47	162	82	31
1	2.1			8*	10.6	HOWARD AR			398	95	98
2	1.6	1	.6	1	.5	INDEPENDENCE AR	-61	-16	-67	02	10
1	2.0			2	1.9	IZARD AR			-2	24	20
2	2.4	1	1.0	3	2.3	JACKSON AR	-57	121	-5	23	24
4	2.4	9	3.8	7	2.2	JEFFERSON AR	60	-42	-7	22	23
		1	1.0	4	4.1	JOHNSON AR		322			58
1	3.0			2	4.7	LAFAYETTE AR			57	57	72
		1	.8	4	3.1	LAWRENCE AR		302			38
		1	2.1	1	2.4	LEE AR		14			25
1	2.3	2	5.4			LINCOLN AR	132				
		3	7.8	1	2.2	LITTLE RIVER AR		-72			23
1	1.0	1	.8	9	5.9	LOGAN AR	-22	664	496	97	86
1	1.1	4	3.4	3	1.9	LONOKE AR	195	-42	70	62	20
		1	2.3	3	4.5	MADISON AR		95			69
		2	5.8	6	6.5	MARION AR		13			90
1	.7	5	3.0	11	6.1	MILLER AR	332	104	782	99	88
2	1.1	6	3.5	4	1.9	MISSISSIPPI AR	224	-46	74	64	19
1	2.1	1	1.7	2	4.0	MONROE AR	-18	140	96	70	57
1	3.1			2	4.3	MONTGOMERY AR			40	48	64
		1	1.5			NEVADA AR					
2	7.7	2	5.6	1	2.2	NEWTON AR	-28	-61	-72	01	22
3	3.3	3	2.5	2	1.1	OUACHITA AR	-23	-57	-67	02	12
				2	4.0	PERRY AR					56
		1	1.1	3	2.4	PHILLIPS AR		113			26
		2	3.3	2	2.6	PIKE AR		-23			28
1	.6	6	4.5	1	.9	POINSETT AR	699	-80	63	59	11
2	2.3	1	1.0	3	1.9	POLK AR	-57	94	-16	19	20
2	1.8	5	3.9	6	2.5	POPE AR	121	-36	42	49	27
1	2.3	1	2.1	1	2.0	PRAIRIE AR	-8	-6	-13	20	20
23	3.0	45	4.1	67	4.9	PULASKI AR	39	18	63	60	75
1	1.6	1	1.4	3	2.8	RANDOLPH AR	-13	98	73	63	32
1	1.8			5	5.5	ST FRANCIS AR			205	86	83
		1	.6	2	.8	SALINE AR		35			11
2	4.7			3	3.6	SCOTT AR			-22	16	49
1	2.0	3	6.0	3	4.2	SEARCY AR	194	-30	106	72	60
7	2.5	11	2.5	24	4.4	SEBASTIAN AR	-1	78	77	65	66
		2	4.0	4	5.2	SEVIER AR		31			79
1	2.1	3	8.3	3	3.2	SHARP AR	287	-62	47	52	39
		2	6.3	1	1.6	STONE AR		-75			16
5	3.3	9	4.5	15	5.3	UNION AR	38	16	60	58	80
1	1.8	1	1.7	3	4.3	VAN BUREN AR	-5	156	142	79	64
3	1.1	7	1.8	14	2.9	WASHINGTON AR	66	61	167	83	34
3	1.7	3	1.4	8	2.9	WHITE AR	-14	104	76	65	34
		3	6.0	2	2.8	WOODRUFF AR		-53			32
		1	1.0	6	4.8	YELL AR		366			73
1977*	3.2	3450*	4.0	4860*	4.5	CALIFORNIA CA	26	12	42		
129	3.3	197	4.1	244*	4.7	ALAMEDA CA	25	16	46	51	73
1	1.9	3	4.5	4	3.2	AMADOR CA	144	-30	71	62	39
17	3.9	21	3.4	33	3.9	BUTTE CA	-13	15	0	26	53
1	1.9	5	6.5	3	2.3	CALAVERAS CA	235	-65	17	35	24
2	4.0	2	2.7	2	2.6	COLUSA CA	-32	-3	-34	11	29
41	3.4	85	4.5	135	4.9	CONTRA COSTA CA	35	9	47	51	75
1	1.6	1	1.4			DEL NORTE CA	-14				
4	4.0	5	2.7	17	5.0	EL DORADO CA	-33	89	26	41	77
31	2.4	63	3.6	89	4.1	FRESNO CA	53	14	74	64	59
		4	4.2	4	3.0	GLENN CA		-29			35
9	2.8	28*	6.6	22	4.3	HUMBOLDT CA	133	-35	52	54	63
7	5.3	11	4.1	15	5.2	IMPERIAL CA	-22	28	-1	25	80
		2	2.8	6	5.6	INYO CA		98			84
29	3.1	43	3.4	70	4.4	KERN CA	9	29	41	48	66
6	3.2	9	4.4	7	2.5	KINGS CA	36	-43	-23	15	27
3	2.8	5	3.9	8	3.0	LAKE CA	37	-23	5	28	35
2	2.6	2	2.7	1	1.3	LASSEN CA	3	-53	-52	05	14
872*	3.3	1346*	4.1	1703*	4.8	LOS ANGELES CA	22	18	44	50	73
4	2.7	6	3.0	9	3.5	MADERA CA	11	18	30	43	47
25*	4.6	35	4.3	41	3.6	MARIN CA	-5	-16	-21	17	48
		1	3.2	4	6.2	MARIPOSA CA		94			88
2	.9	12	4.6	14	4.1	MENDOCINO CA	415	-10	362	94	59
12	3.9	8	2.6	22	4.7	MERCED CA	-32	81	23	39	72
1	1.8					MODOC CA					
				2	18.5	MONO CA					99
16	2.9	37	4.3	33	2.8	MONTEREY CA	49	-33	-1	25	32
6	2.0	23	5.0	24	4.1	NAPA CA	149	-17	107	72	59
4	2.8	5	3.3	16	4.7	NEVADA CA	18	40	65	60	71

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
62	3.2	165	3.6	355*	4.6	ORANGE CA	13	26	42	49	69
6	2.5	10	2.8	13	2.4	PLACER CA	14	-16	-5	23	25
		3	5.2	3	4.6	PLUMAS CA		-13			69
29	2.5	78	3.7	122	3.4	RIVERSIDE CA	47	-10	32	44	42
46	3.0	90	4.1	151	4.8	SACRAMENTO CA	36	15	57	57	73
1	1.5	3	3.1	2	2.3	SAN BENITO CA	103	-26	49	53	24
49	2.7	88	3.0	140	3.5	SAN BERNARDINO CA	12	16	29	43	46
118	3.4	270*	5.1	342	4.3	SAN DIEGO CA	52	-16	27	42	62
168*	4.0	182	4.0	197	5.0	SAN FRANCISCO CA	1	24	25	40	76
26	2.7	52	4.1	65	4.1	SAN JOAQUIN CA	50	-1	49	52	58
1	.2	12	2.5	36	4.2	SAN LUIS OBISPO CA	1037	66	1788	99	60
56	3.9	103	4.5	146*	4.9	SAN MATEO CA	16	9	26	41	75
19	2.8	43	3.7	62	4.0	SANTA BARBARA CA	30	10	43	50	57
60	3.0	140	4.0	249*	5.3	SANTA CLARA CA	36	31	75	65	80
14	2.6	28	3.5	48	4.5	SANTA CRUZ CA	38	26	75	64	68
2	1.3	13	4.3	18	3.6	SHASTA CA	217	-16	165	83	48
		1	6.8	1	10.2	SIERRA CA		50			97
		4	2.2	11	5.3	SISKIYOU CA		139			81
5	1.5	24	4.4	38	5.0	SOLANO CA	187	13	225	88	77
23	3.4	32	3.0	87*	5.0	SONOMA CA	-11	65	46	51	77
18	2.5	43	4.6	50	3.9	STANISLAUS CA	80	-14	55	56	55
6	5.4	6	4.0	10	4.0	SUTTER CA	-26	1	-25	14	57
1	.9	2	1.3	14	6.4	TEHAMA CA	37	398	581	98	89
		2	6.4	1	1.7	TRINITY CA		-73			18
12	1.8	33	4.0	52	4.9	TULARE CA	126	22	176	84	75
1	1.4	5	4.7	6	3.6	TUOLUMNE CA	234	-24	154	81	47
19	3.0	36	3.1	75	3.9	VENTURA CA	3	25	29	43	54
9	4.4	18*	5.9	28*	6.8	YOLO CA	33	16	54	55	91
1	.8	5	3.5	10	5.8	YUBA CA	354	66	655	98	86
240*	3.3	359	3.8	516	4.3	COLORADO CO	15	12	29		
6	2.2	13	2.6	26	4.4	ADAMS CO	20	68	102	71	66
1	1.7	3	6.8	1	2.1	ALAMOSA CO	295	-68	25	40	22
		1	8.3			ARCHULETA CO					
1	3.3	1	3.4	2	5.4	BACA CO	4	57	64	60	82
3*	9.8	1	2.6	4*	12.2	BENT CO	-73	361	24	39	98
8	2.8	20	4.5	30	4.5	BOULDER CO	58	0	58	57	68
2	4.3	3	6.3	3	4.5	CHAFFEE CO	47	-29	4	28	68
2*	11.0	1	5.5			CLEAR CREEK CO	-51				
				1	2.6	CONEJOS CO					28
2	11.4					CROWLEY CO					
		1	16.6	1	8.9	CUSTER CO		-46			96
3	3.4			4	3.2	DELTA CO			-5	23	39
103*	3.8	159*	4.7	169	4.4	DENVER-ARAPAHOE# CO	26	-6	18	36	66
4*	20.6	4*	12.7	3	4.8	DOUGLAS CO	-39	-62	-77	00	74
				1	3.6	EAGLE CO					48
1	5.3			1	3.1	ELBERT CO			-41	08	38
14	2.7	25	3.4	42	4.0	EL PASO CO	24	19	48	52	56
2	1.4	2	1.9	7	2.6	FREMONT CO	29	38	78	65	28
1	1.6	2	2.3	3	3.0	GARFIELD CO	49	28	91	69	35
				1	4.4	GUNNISON CO					65
1	1.8	1	2.1	1	3.0	HUERFANO CO	20	39	67	61	34
1*	15.8	1*	14.9	1	14.1	JACKSON CO	-6	-5	-11	20	99
13	4.0	30	4.2	58	4.9	JEFFERSON CO	4	18	22	38	75
				1	5.4	KIOWA CO					82
2	5.5	1	2.9	3	5.7	KIT CARSON CO	-48	98	3	27	84
				1	4.5	LAKE CO					68
		3	3.3	4	3.1	LA PLATA CO		-6			38
5	1.9	12	3.2	25	4.3	LARIMER CO	72	35	132	77	63
4	4.1	2	1.4	5	4.2	LAS ANIMAS CO	-66	200	3	27	61
2	2.1	4	3.7	3	2.9	LOGAN CO	78	-21	41	48	34
12*	5.3	12	4.2	24*	6.1	MESA CO	-21	44	13	33	87
		2*	58.2			MINERAL CO					
		1	3.2	1	3.0	MOFFAT CO		-4			36
		2	3.7	6	7.9	MONTEZUMA CO		114			95
1	1.5	6	6.9	9*	7.7	MONTROSE CO	354	13	413	96	94
1	1.0	5	4.8	7	4.6	MORGAN CO	360	-5	339	93	69
5	3.8	3	1.8	7	5.1	OTERO CO	-51	178	35	45	78
1	12.2					OURAY CO					
1*	27.0			1	6.7	PARK CO			-75	01	91
		1	4.7			PHILLIPS CO					
				1	.8	PITKIN CO					11
		1	1.5	6	7.2	PROWERS CO		381			93
13	2.6	17	3.0	22	3.3	PUEBLO CO	13	13	27	42	42
				1	4.0	RIO BLANCO CO					56
1	2.7	1	1.9			RIO GRANDE CO	-29				
1	3.7			2	5.4	ROUTT CO			47	51	82
		1	8.6			SAN MIGUEL CO					
1	4.1	2	10.8			SEDGWICK CO	160				
				1	1.5	SUMMIT CO					16
5*	18.5	3	11.0	3	10.7	WASHINGTON CO	-41	-2	-42	08	98
15*	4.8	11	2.7	22	4.3	WELD CO	-44	62	-10	21	63
2	4.2	1	1.6	2	2.1	YUMA CO	-63	33	-51	06	21
408*	3.5	586	4.0	731	4.0	CONNECTICUT CT	15	1	16		
98	3.3	131	3.4	191	4.1	FAIRFIELD CT	2	20	23	39	58
114*	3.7	183*	4.7	213	4.4	HARTFORD CT	25	-5	18	36	66
20	3.2	39	5.0	33	3.2	LITCHFIELD CT	54	-37	-2	24	39
14	3.1	19	3.3	28	3.9	MIDDLESEX CT	6	19	26	41	54
109	3.4	153	4.0	182	3.8	NEW HAVEN CT	19	-4	14	33	53
24	2.8	34	3.4	56	4.4	NEW LONDON CT	19	29	54	55	64
11	4.2	7	2.1	10	2.3	TOLLAND CT	-49	6	-46	07	24
18*	4.6	20	4.3	18	3.4	WINDHAM CT	-6	-21	-25	14	44
42	2.5	83	4.0	100	3.7	DELAWARE DE	56	-7	46		
5	2.6	7	2.5	17	4.7	KENT DE	-6	91	81	66	72
33	2.8	63	4.3	64	3.5	NEW CASTLE DE	52	-19	24	39	46

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
4	1.2	13	3.7	19	3.5	SUSSEX DE	207	-6	188	85	46
106*	3.8	98	3.7	73	3.8	DIST. OF COLUMBIA DC	-1	2	1		
106*	3.8	98	3.7	73	3.8	WASHINGTON DC	-1	2	1	26	52
362	2.1	1019	3.2	2134	3.7	FLORIDA FL	55	16	80		
6	3.4	11	4.3	14	3.2	ALACHUA FL	29	-26	-5	23	39
5	3.4	12	5.7	7	1.9	BAY FL	70	-66	-43	08	20
		1	2.9	2	2.6	BRADFORD FL		-11			28
1	.3	14	2.9	40	3.1	BREVARD FL	771	8	838	99	37
25	2.7	90	2.9	266	3.8	BROWARD FL	8	31	42	49	52
1	2.5			1	2.0	CALHOUN FL			-21	17	21
1	4.9	6	3.9	20	5.0	CHARLOTTE FL	-21	29	2	27	77
1	1.8	3	2.0	6	1.6	CITRUS FL	11	-22	-13	20	16
		4	4.1	3	1.5	CLAY FL		-62			16
1	3.0	5	3.2	20	4.4	COLLIER FL	9	37	50	53	66
		1	1.3	1	.7	COLUMBIA FL		-44			11
79	2.2	249	4.1	448*	4.5	DADE FL	83	11	104	72	69
2	3.8	3	3.7	3	3.8	DE SOTO FL	-4	3	-1	25	51
		1	5.4			DIXIE FL					
28	2.4	53	3.2	80	3.5	DUVAL FL	31	12	47	51	47
12	2.9	12	1.9	28	3.5	ESCAMBIA FL	-37	86	18	36	45
				3	6.7	FLAGLER FL					91
				2	3.4	FRANKLIN FL					43
2	2.2			5	4.3	GADSDEN FL			91	69	62
		1	3.6	1	1.9	GULF FL		-48			19
				2	5.1	HAMILTON FL					78
1	2.1	2	3.2	4	4.8	HARDEE FL	52	52	131	77	74
		1	3.8	3	5.0	HENDRY FL		30			76
1	2.7	1	.7	7	2.8	HERNANDO FL	-74	302	5	28	32
1	.8	6	3.2	12	3.6	HIGHLANDS FL	316	14	375	94	49
31	2.1	82	3.9	108	3.6	HILLSBOROUGH FL	84	-9	68	61	48
		2	3.5	1	1.2	HOLMES FL		-67			13
1	.7	5	3.1	9	2.1	INDIAN RIVER FL	347	-30	212	87	22
1	.9	5	3.5	4	2.2	JACKSON FL	311	-36	163	83	24
		1	3.5	2	4.9	JEFFERSON FL		38			74
				2	8.8	LAFAYETTE FL					96
5	2.0	7	1.3	29	3.6	LAKE FL	-37	181	78	65	47
4	2.0	11	2.0	39	2.9	LEE FL	3	44	48	52	34
3	2.2	10	4.2	14	3.4	LEON FL	90	-19	55	56	44
		2	3.8	2	2.2	LEVY FL		-41			23
				1	1.3	MADISON FL					14
5	1.2	25	3.5	56	3.6	MANATEE FL	196	1	200	86	48
3	2.4	7	2.9	15	2.5	MARION FL	22	-16	3	27	27
		4	2.5	14	3.3	MARTIN FL		29			40
2	1.6	4	2.2	5	1.6	MONROE FL	39	-28	-1	25	16
				5	5.6	NASSAU FL					84
2	.5	7	3.9	8	2.4	OKALOOSA FL	637	-39	348	94	25
				3	4.5	OKEECHOBEE FL					68
20	2.4	52	3.7	91	4.3	ORANGE FL	57	16	81	66	63
1	.6	5	3.1	4	1.4	OSCEOLA FL	393	-55	120	75	15
25	2.7	68	3.8	136	3.3	PALM BEACH FL	42	-13	23	39	42
2	.6	6	.8	44	3.6	PASCO FL	26	372	495	97	48
36	1.7	121	2.6	275	3.7	PINELLAS FL	56	41	119	75	50
15	2.3	24	2.3	59	3.7	POLK FL	1	60	61	59	50
2	2.3	2	1.8	15	6.8	PUTNAM FL	-20	266	195	85	91
1	1.1	2	1.1	7	2.6	ST JOHNS FL	-6	146	133	78	29
4	2.8	5	2.2	13	2.7	ST LUCIE FL	-20	22	-3	24	30
2	2.4	2	1.6	5	2.5	SANTA ROSA FL	-34	53	2	26	27
7	1.6	37	3.9	65	4.0	SARASOTA FL	142	3	148	81	56
3	1.9	9	3.3	28	4.5	SEMINOLE FL	75	36	137	78	68
1	2.2			1	1.1	SUMTER FL			-50	06	12
1	1.8	3	4.2	2	2.1	SUWANNEE FL	132	-51	14	34	21
1	2.2	2	5.2	3	4.3	TAYLOR FL	140	-18	98	70	63
				1	3.4	UNION FL					43
14	2.5	28	2.5	66	3.7	VOLUSIA FL	1	45	46	51	49
1	5.8					WAKULLA FL					
2	3.3	4	5.4	2	1.7	WALTON FL	61	-69	-50	06	17
		1	1.9	2	2.3	WASHINGTON FL		21			24
241	2.1	415	2.8	682	3.4	GEORGIA GA	32	23	62		
1	4.4	1	4.2	1	3.6	ATKINSON GA	-2	-15	-17	18	48
1	3.0	1	3.4	2	4.7	BACON GA	11	40	55	56	72
				2*	20.6	BAKER GA					99
2	1.2	3	2.6	4	3.0	BALDWIN GA	115	14	146	80	35
1	4.1			1	2.7	BANKS GA			-34	11	31
		1	1.5	4	3.7	BARROW GA		150			50
1	1.1	5	4.0	1	.6	BARTOW GA	261	-85	-44	07	11
				1	1.0	BEN HILL GA					12
1	2.1	1	2.1	2	3.3	BERRIEN GA	1	57	58	57	41
16	4.0	12	2.5	19	3.1	BIBB GA	-37	25	-22	16	38
		1	2.3			BLECKLEY GA					
		1	4.3	1	3.7	BRANTLEY GA		-15			49
4	5.3	1	.7	2	1.6	BULLOCH GA	-87	130	-69	01	17
2	5.4			3	4.6	BURKE GA			-13	20	71
		3	10.1	1	2.1	BUTTS GA		-80			22
		1	5.1	1	5.1	CALHOUN GA		1			79
		2	9.7	2	6.1	CAMDEN GA		-36			88
				2	4.3	CANDLER GA					64
		4	2.1	14	5.3	CARROLL GA		148			81
4	6.6	1	1.4	1	.6	CATOOSA GA	-79	-59	-91	00	10
2*	13.2	1	5.2			CHARLTON GA	-61				
16	3.3	12	2.0	27	3.6	CHATHAM GA	-41	84	8	30	49
		3	3.7	5	3.5	CHATTOOGA GA		-5			47
1	.9	4	3.1	3	1.6	CHEROKEE GA	223	-48	68	61	16
1	.9	2	1.2	3	1.5	CLARKE GA	33	33	77	65	16
				1	10.4	CLAY GA					98

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		5	2.9	14	4.0	CLAYTON GA		41			56
1	6.7	2	9.7	2	8.8	CLINCH GA	44	-9	31	44	96
4	1.0	8	1.4	25	3.1	COBB GA	47	119	221	88	38
1	.9					COFFEE GA					
3	3.4	8	5.6	5	2.9	COLQUITT GA	65	-48	-14	19	34
1	3.8			2	2.4	COLUMBIA GA			-36	10	26
		2	3.7	2	3.5	COOK GA		-4			46
1	.9	3	2.7	6	3.6	COWETA GA	192	33	288	91	48
		3	4.6	1	.7	CRISP GA		-85			11
1	3.0			4	6.9	DADE GA			128	77	92
		1	5.7	1	3.1	DAWSON GA		-46			37
		2	2.7	4	5.1	DECATUR GA		91			78
14	1.9	42	3.7	70	4.1	DE KALB GA	94	12	118	75	59
		2	6.3	1	2.0	DOOLY GA		-68			21
4	3.1	9	5.3	7	3.0	DOUGHERTY GA	68	-44	-5	23	35
1	1.8			3	1.7	DOUGLAS GA			-2	24	18
1	2.5	1	2.1	3	6.4	EARLY GA	-15	205	158	82	89
		2	4.8	2	2.9	EFFINGHAM GA		-38			34
4	6.0	2	2.8	4	4.3	ELBERT GA	-53	51	-29	13	63
		3	4.1	5	5.8	EMANUEL GA		40			85
		2	8.6	3	8.3	EVANS GA		-4			95
2	3.2	2	2.5	1	.6	FANNIN GA	-21	-77	-82	00	10
		1	2.1	3	5.1	FAYETTE GA		146			79
16*	6.0	12	3.7	19	4.5	FLOYD GA	-39	22	-26	14	67
1	1.9	1	1.6	4	4.0	FORSYTH GA	-16	153	113	74	56
1	1.6	2	2.8	8*	9.1	FRANKLIN GA	71	229	462	96	96
55	3.2	74	3.5	93	4.0	FULTON GA	9	15	25	40	57
1	2.0					GILMER GA					
1	.8	5	3.3	5	2.1	GLYNN GA	315	-37	162	82	22
1	1.3	1	.9	4	3.2	GORDON GA	-28	250	154	81	39
1	1.6	2	3.5	2	1.9	GRADY GA	120	-44	22	38	20
		2	4.4	3	6.4	GREENE GA		47			90
1	.9	7	3.3	16	3.3	GWINNETT GA	257	1	259	90	42
1	1.3	2	2.3	2	1.5	HABERSHAM GA	81	-36	15	34	15
5	3.4	7	2.8	7	2.1	HALL GA	-19	-24	-38	09	22
				1	3.5	HANCOCK GA					46
				3	3.1	HARALSON GA					38
		1	2.5	4	6.9	HARRIS GA		172			92
		2	2.7	2	2.4	HART GA		-10			26
				1	2.4	HEARD GA					25
		1	1.3	4	3.4	HENRY GA		160			43
1	2.3	2	1.7	4	1.8	HOUSTON GA	-25	4	-22	16	18
				1	2.8	IRWIN GA					31
1	1.3	2	1.9	4	3.4	JACKSON GA	42	76	150	81	42
				1	3.7	JASPER GA					50
		1	4.0	2	5.6	JEFF DAVIS GA		40			84
		1	2.5			JEFFERSON GA					
1	2.7			1	1.8	JOHNSON GA			-32	12	18
				1	1.9	JONES GA					20
				1	4.0	LANIER GA					57
1	1.2	3	2.3	4	2.7	LAURENS GA	95	19	131	77	30
1	7.0					LEE GA					
		1	5.4	1	3.3	LIBERTY GA		-39			41
		1	7.5			LONG GA					
2	1.5	10	6.9	9	4.3	LOWNDES GA	358	-37	188	85	64
				2	2.9	LUMPKIN GA					34
1	3.2	3	7.3			MC DUFFIE GA	125				
		1	6.5			MC INTOSH GA					
				1	2.5	MACON GA					28
1	2.0					MADISON GA					
		1	6.6			MARION GA					
1	1.9			2	2.0	MERIWETHER GA			5	29	21
		1	3.9	1	2.3	MILLER GA		-40			25
				2	2.7	MITCHELL GA					30
		2	5.9	1	2.0	MONROE GA		-66			21
		1	4.1			MONTGOMERY GA					
1	3.2	1	2.3	2	3.9	MORGAN GA	-28	69	23	38	54
		2	4.3			MURRAY GA					
5	1.2	22	4.7	33	5.4	MUSCOGEE#GA	289	17	353	94	82
		1	1.3	2	1.4	NEWTON GA		7			15
				3	7.8	OCONEE GA					94
				1	2.8	OGLETHORPE GA					31
				3	2.8	PAULDING GA					31
		2	6.4	2	5.1	PEACH GA		-21			78
				1	1.3	PICKENS GA					14
		1	2.6			PIERCE GA					
2	9.0			1	1.9	PIKE GA			-79	00	20
3	3.7	3	2.2	5	2.6	POLK GA	-42	20	-30	13	29
				1	2.9	PULASKI GA					34
				2	5.9	PUTNAM GA					87
				1	18.6	QUITMAN GA					99
2	5.8			2	2.6	RABUN GA			-56	04	29
12	3.8	16	3.7	17	3.3	RICHMOND GA	-4	-11	-14	19	40
1	2.7			10*	9.3	ROCKDALE GA			241	89	97
1	2.8	2	3.7			SCREVEN GA	32				
		3*	13.8	1	2.7	SEMINOLE GA		-81			29
		1	.7	9	4.4	SPALDING GA		571			65
		2	2.3	1	.9	STEPHENS GA		-63			11
2	3.0	1	1.3	4	3.2	SUMTER GA	-57	139	4	28	39
		1	6.7			TALIAFERRO GA					
1	2.5			1	1.2	TATTNALL GA			-53	05	13
				1	2.3	TAYLOR GA					24
		1	2.4			TELFAIR GA					
		2	6.3	2	5.0	TERRELL GA		-21			77
1	.8	4	3.4	8	4.7	THOMAS GA	327	36	481	97	71
		2	2.2	9	7.8	TIFT GA		249			94
3	5.6	1	1.1	4	4.2	TOOMBS GA	-80	288	-24	15	61
1	5.1					TOWNS GA					
3	2.0	6	3.0	9	3.9	TROUP GA	50	27	90	68	53
		2	5.6	3	7.0	TURNER GA		25			92

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		1	4.5	1	5.6	TWIGGS GA		24			84
		1	2.6			UNION GA					
2	2.1	2	2.0	7	5.1	UPSON GA	-4	156	145	80	78
2	1.2	6	2.7	9	3.2	WALKER GA	132	18	174	84	39
1	1.4	2	1.9	4	3.2	WALTON GA	37	63	123	76	39
1	1.0	4	3.2	5	2.9	WARE GA	227	-9	197	86	33
3*	15.7					WARREN GA					
1	2.1	2	3.1	2	3.1	WASHINGTON GA	49	0	48	52	38
				2	2.5	WAYNE GA					27
		1	14.4			WEBSTER GA					
		1	5.6	2	7.9	WHEELER GA		42			94
				1	1.4	WHITE GA					15
4	2.8	8	4.1	20*	7.2	WHITFIELD GA	44	75	152	81	93
2	6.5	1	2.4	1	1.9	WILKES GA	-63	-20	-70	01	20
2	8.0					WILKINSON GA					
		1	2.0	3	5.3	WORTH GA		169			81
		26	3.3	34	3.4	HAWAII HI		3			
		2	2.9	2	2.8	HAWAII HI		-4			32
		23	3.5	27	3.5	HONOLULU HI		-2			45
				3	5.8	KAUAI HI					86
		1	2.1	2	2.3	MAUI#HI		10			25
58	2.2	95	2.9	151	3.5	IDAHO ID	34	19	60		
10	2.6	15	2.9	23	3.2	ADA ID	12	10	23	39	39
		1	6.2			ADAMS ID					
8	4.6	2	1.2	13	5.2	BANNOCK ID	-75	351	12	32	79
1	2.9			3	9.6	BEAR LAKE ID			233	89	97
		1	3.4	1	2.4	BENEWAH ID		-29			26
3	3.1	4	4.0	6	4.7	BINGHAM ID	28	16	49	52	71
				2	5.4	BLAINE ID					82
				1	8.7	BOISE ID					96
1	1.5	1	1.2	5	4.2	BONNER ID	-17	243	183	85	61
2	1.7	4	1.8	9	3.6	BONNEVILLE ID	8	99	115	74	48
1	4.0			1	2.5	BOUNDARY ID			-38	10	27
1	7.4					BUTTE ID					
5	1.8	17	5.1	14	3.0	CANYON ID	182	-41	66	60	35
		3*	15.4	3	12.0	CARIBOU ID		-22			98
1	1.2	2	3.1	3	2.8	CASSIA ID	162	-9	138	79	32
1*	35.3					CLARK ID					
1	2.6	2	6.0	4	8.9	CLEARWATER ID	129	48	238	89	96
		1	6.5			CUSTER ID					
		1	2.9	5	9.9	ELMORE ID		245			97
1	3.4	2	4.4	1	1.6	FRANKLIN ID	29	-64	-54	05	16
1	2.3	2	5.5	1	2.2	FREMONT ID	134	-60	-7	22	23
		4	8.2	1	1.5	GEM ID		-81			16
				4	6.6	GOODING ID					90
		1	1.6	1	1.3	IDAHO ID		-22			14
2	4.0	3	6.1	1	1.7	JEFFERSON ID	50	-72	-58	04	17
		2	3.7	3	4.1	JEROME ID		10			59
8*	6.0			6	2.2	KOOTENAI ID			-64	02	23
2	2.5	2	1.9	6	4.2	LATAH ID	-22	116	69	62	60
		4*	13.5	2	5.0	LEMHI ID		-63			77
		1	3.0	1	4.1	LEWIS ID		-17			59
1	3.6			1	4.8	LINCOLN ID			32	44	73
				1	2.0	MADISON ID					21
				1	1.0	MINIDOKA ID					12
3	2.5	6	4.1	5	2.7	NEZ PERCE ID	60	-34	5	28	29
				1	3.0	ONYHEE ID					36
		4	5.8	4	4.3	PAYETTE ID		-26			62
		2	10.0			POWER ID					
1	5.0	2	2.3	3	3.2	SHOSHONE ID	-54	42	-35	11	40
4	1.8	5	2.1	14	4.6	TWIN FALLS ID	15	119	151	81	70
		1	1.4	1	1.7	WASHINGTON ID		24			18
1477*	3.2	2198*	4.1	2614*	4.4	ILLINOIS IL	29	5	36		
17	4.1	16	3.2	19	3.8	ADAMS IL	-21	18	-7	22	52
1	1.1	2	2.2	3	2.9	ALEXANDER IL	109	31	173	84	34
3	3.7	7	7.6	4	4.0	BOND IL	103	-47	7	30	56
3	2.8	4	3.5	5	3.2	BOONE IL	25	-8	15	34	39
		1	1.5	3	5.6	BROWN IL		277			84
5	2.2	7	2.8	15	5.3	BUREAU IL	27	89	141	79	80
		4*	9.9	3	6.2	CALHOUN IL		-38			88
		6	4.4	6	3.9	CARROLL IL		-12			54
2	1.8	7	7.6	4	2.7	CASS IL	323	-65	50	53	29
10	2.2	20	4.0	21	3.3	CHAMPAIGN IL	81	-16	52	54	42
10	4.2	10	3.8	11	4.1	CHRISTIAN IL	-9	7	-3	24	58
2	1.8	7	5.4	9	6.6	CLARK IL	207	21	272	91	90
		5	3.9	5	4.3	CLAY IL		9			62
3	2.5	2	1.4	8	4.4	CLINTON IL	-45	221	76	65	64
13*	6.1	16	5.1	13	4.1	COLES IL	-16	-20	-33	12	59
774*	3.5	1084*	4.4	1219*	4.6	COOK IL	26	6	33	45	70
4	3.0	1	.7	3	2.1	CRAWFORD IL	-76	185	-30	13	22
		3	4.8	6	7.2	CUMBERLAND IL		49			93
7	2.9	9	3.5	13	4.1	DE KALB IL	18	19	40	48	59
4	4.0	3	3.4	1	.7	DE WITT IL	-15	-79	-82	00	11
3	2.6	1	.7	8	6.6	DOUGLAS IL	-72	837	158	82	91
20	1.9	72	4.7	108	4.5	DU PAGE IL	142	-5	130	77	68
5	3.4	5	3.0	12	6.4	EDGAR IL	-10	112	90	68	89
3	5.8	1	2.5	4	5.8	EDWARDS IL	-57	131	-1	25	85
2	1.7	5	3.7	7	3.3	EFFINGHAM IL	113	-11	90	68	42
2	1.5	5	3.3	7	4.5	FAYETTE IL	126	34	203	86	67
4	3.7	3	3.2	6	6.0	FORD IL	-14	85	60	58	87
8	2.5	12	3.5	15	3.4	FRANKLIN IL	38	-1	36	46	44
1	.3	10	3.2	18	6.0	FULTON IL	864	88	1709	99	87
2	4.2	1	2.2	1	2.4	GALLATIN IL	-47	7	-43	08	26
1	.9	2	1.6	5	3.6	GREENE IL	75	116	278	91	47

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WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	.8	5	4.0	10	6.7	GRUNDY IL	375	68	696	99	91
1	1.4	3	4.0	4	3.9	HAMILTON IL	185	-3	176	84	54
4	3.0	5	3.4	13	6.9	HANCOCK IL	16	100	132	77	92
1	2.6	2	4.8			HARDIN IL	88				
		2	3.9	2	3.1	HENDERSON IL		-21			37
15*	5.2	20*	6.3	19	5.1	HENRY IL	21	-20	-3	24	77
7	3.9	5	3.0	11	4.3	IROQUOIS IL	-22	41	10	31	62
5	2.7	10	3.9	8	2.8	JACKSON IL	45	-28	4	28	31
4	5.4	3	3.1	6	8.0	JASPER IL	-43	159	48	52	95
7	3.8	2	1.0	7	2.6	JEFFERSON IL	-72	156	-30	13	29
		2	2.0	5	4.5	JERSEY IL		123			68
4	3.2	7	5.1	6	4.3	JO DAVIESS IL	59	-16	34	45	64
1	2.9	2	3.9	2	2.9	JOHNSON IL	34	-26	-1	25	33
32	3.2	45	3.8	48	3.5	KANE IL	18	-8	8	31	46
10	2.3	23	4.5	29	5.2	KANKAKEE IL	97	16	129	77	80
5*	6.6	6	5.6	8	6.7	KENDALL IL	-18	19	-2	24	91
6	1.7	17	4.2	24	5.8	KNOX IL	139	40	234	89	86
40*	4.2	53	4.0	78	4.7	LAKE IL	-4	16	11	32	71
21	3.6	23	3.3	28	3.5	LA SALLE IL	-7	6	-2	25	46
2	1.4	5	2.9	16*	11.5	LAWRENCE IL	105	290	701	99	98
3	1.4	9	3.7	5	2.0	LEE IL	157	-45	42	49	21
11	4.7	10	3.4	15	5.1	LIVINGSTON IL	-28	50	8	30	78
2	1.2	9	3.9	10	3.6	LOGAN IL	234	-7	210	87	48
6	3.4	10	5.3	12	4.9	MC DONOUGH IL	59	-9	45	50	74
9	2.7	15	3.3	25	3.8	MC HENRY IL	20	15	38	47	51
19	3.9	29*	5.1	28	4.5	MC LEAN IL	29	-12	14	33	67
13	2.4	26	3.9	14	1.8	MACON IL	65	-53	-22	16	19
11	3.6	5	1.3	17	4.3	MACOUPIN IL	-65	241	20	37	63
25	2.7	39	3.3	49	3.4	MADISON IL	23	2	25	40	43
9	4.0	6	2.2	9	2.5	MARION IL	-46	15	-37	10	27
2	2.7	4	5.0	5	5.8	MARSHALL IL	85	16	115	74	86
8*	8.8	5	5.2	7	5.5	MASON IL	-41	6	-38	10	83
3	3.7	4	4.8	4	4.0	MASSAC IL	28	-17	6	29	55
4	6.0	5	7.6	2	2.9	MENARD IL	26	-62	-52	05	33
3	3.1	4	4.5	8	7.2	MERCER IL	44	60	131	77	93
2	2.3	5	5.3	3	1.9	MONROE IL	132	-64	-17	18	19
6	2.8	5	2.3	11	3.9	MONTGOMERY IL	-18	69	38	47	53
7	2.6	10	3.6	12	4.4	MORGAN IL	37	22	68	61	66
1	1.5	9*	8.0	4	3.8	MOULTRIE IL	441	-53	155	82	51
3	1.6	10	4.8	11	4.2	OGLE IL	199	-11	165	83	61
36	3.8	46	4.2	53	4.5	PEORIA IL	12	6	19	36	68
3	2.4	4	3.0	6	4.1	PERRY IL	24	39	71	63	58
				5	5.1	PIATT IL					78
2	1.5	3	2.1	7	5.4	PIKE IL	38	155	252	90	82
1	3.5			3	11.5	POPE IL			229	89	98
1	2.4	2	5.3	3	7.4	PULASKI IL	120	41	211	87	93
1	4.2	1	3.2	4*	13.9	PUTNAM IL	-23	337	235	89	99
2	1.1	8	4.0	4	1.9	RANDOLPH IL	269	-51	81	66	20
		2	1.5	4	2.8	RICHLAND IL		88			32
28	3.8	35	4.1	32	3.5	ROCK ISLAND IL	8	-16	-9	21	45
28	3.2	44	3.9	46	3.6	ST CLAIR IL	23	-8	14	33	48
3	2.0	12	6.0	6	2.1	SALINE IL	193	-65	3	28	22
28	3.6	39	4.0	41	3.5	SANGAMON IL	12	-12	-2	25	47
		5	8.5	4	4.4	SCHUYLER IL		-48			65
1	2.0			1	1.2	SCOTT IL			-42	08	13
3	1.9	9	4.9	7	3.9	SHELBY IL	161	-20	108	73	54
1	2.2	2	3.4	1	2.0	STARK IL	54	-40	-8	21	21
8	2.9	22*	7.9	13	4.3	STEPHENSON IL	172	-46	47	51	62
8	2.1	22	4.4	22	3.6	TAZEWELL IL	107	-20	66	60	47
4	3.5	4	3.4	6	4.3	UNION IL	-3	29	24	40	63
15	3.0	21	4.1	30	4.7	VERMILION IL	35	14	54	55	71
3	3.3			3	3.1	WABASH IL			-7	22	37
7	5.0	7	3.8	12*	7.1	WARREN IL	-24	86	42	49	93
1	.9	6	5.1	3	1.9	WASHINGTON IL	473	-63	112	73	19
1	1.0	5	3.8	2	1.2	WAYNE IL	292	-70	19	36	13
3	2.6	5	3.9	6	4.3	WHITE IL	51	11	67	61	63
8	2.9	11	3.6	16	4.4	WHITESIDE IL	22	23	50	53	65
25	3.4	47	5.1	55	4.7	WILL IL	50	-8	38	47	72
9	3.1	11	3.6	14	3.1	WILLIAMSON IL	18	-14	1	26	38
22	2.6	32	2.9	57	4.4	WINNEBAGO IL	15	48	70	62	65
3	2.6	3	2.1	11	5.9	WOODFORD IL	-19	180	127	76	86
574	2.7	876	3.6	1094	3.8	INDIANA IN	32	7	40		
1	.8	7	5.0	7	4.7	ADAMS IN	525	-7	484	97	72
32	3.1	44	3.6	61	4.2	ALLEN IN	15	17	35	45	60
7	3.5	15*	6.5	10	3.4	BARTHOLOMEW IN	87	-47	-1	25	44
2	3.2	2	2.8	2	2.2	BENTON IN	-12	-24	-33	11	23
4	4.9	4	5.7	5	4.5	BLACKFORD IN	18	-22	-8	21	68
4	2.7	4	2.3	6	3.2	BOONE IN	-14	40	20	37	39
		3	7.9	1	2.1	BROWN IN		-74			22
		7	5.7	6	5.4	CARROLL IN		-4			82
5	2.1	11	4.1	9	3.7	CASS IN	100	-10	80	66	50
5	2.7	10	3.4	14	3.4	CLARK IN	26	0	26	41	44
4	2.7	6	4.3	9	4.5	CLAY IN	60	6	69	62	68
4	2.1	3	1.5	9	3.8	CLINTON IN	-31	157	79	66	52
2	3.8	3	6.5	2	2.9	CRAWFORD IN	71	-55	-23	15	34
2	1.3	5	3.4	5	2.2	DAVIESS IN	153	-36	61	59	23
3	2.4	7	5.0	9	5.1	DEARBORN IN	113	1	115	74	78
4	3.4			4	3.0	DECATUR IN			-14	19	34
7	4.6	7	4.1	10	5.1	DE KALB IN	-12	25	10	31	78
19	4.0	23	4.2	23	3.6	DELAWARE IN	3	-14	-12	20	47
1	.8	6	4.1	9	5.1	DUBOIS IN	424	23	546	97	78
12	2.6	20	3.4	34	5.2	ELKHART IN	33	51	102	71	79
6	5.5	1	.7	7	4.3	FAYETTE IN	-87	481	-22	16	62
6	2.5	9	3.1	7	1.9	FLOYD IN	25	-39	-24	15	19
3	2.6	5	4.2	5	3.9	FOUNTAIN IN	61	-7	49	53	55
4	4.4	3	4.1	2	2.2	FRANKLIN IN	-7	-46	-50	06	23
2	2.0	6	5.6	10*	7.9	FULTON IN	176	41	289	91	94
4	2.2	5	3.0	6	2.3	GIBSON IN	37	-21	8	30	25

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WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
11	3.2	11	2.8	9	2.0	GRANT IN	-13	-26	-36	11	21
5	2.9	7	4.0	6	2.3	GREENE IN	39	-43	-21	17	24
6	3.2	4	1.8	7	1.9	HAMILTON IN	-44	6	-41	08	19
4	3.0	5	3.8	10	5.3	HANCOCK IN	24	39	73	63	80
1	1.1	1	1.0	6	4.7	HARRISON IN	-7	374	342	94	71
4	3.0	9	4.3	10	3.6	HENDRICKS IN	45	-17	21	37	48
6	2.7	10	3.8	15	4.8	HENRY IN	40	25	75	64	73
12	3.9	20*	5.9	13	3.0	HOWARD IN	52	-49	-22	16	36
8	4.0	13	5.4	4	1.6	HUNTINGTON IN	33	-71	-61	03	16
2	1.2	8	4.5	4	1.9	JACKSON IN	288	-59	58	57	19
2	2.3	5	5.4	6	4.6	JASPER IN	138	-15	103	72	70
5	4.3	6	4.1	9	6.4	JAY IN	-5	57	49	52	89
4	2.6	3	2.3	5	2.9	JEFFERSON IN	-12	30	14	33	34
		1	1.1	4	4.1	JENNINGS IN		261			59
8	3.8	5	1.5	11	3.2	JOHNSON IN	-60	115	-14	19	40
4	1.6	15	5.4	17	5.5	KNOX IN	237	2	245	90	83
5	2.4	10	4.3	13	4.0	KOSCIUSKO IN	81	-7	69	61	57
2	2.2	3	3.3	8	6.7	LAGRANGE IN	52	100	205	86	91
51	3.2	66	3.7	73	3.5	LAKE IN	16	-4	11	31	47
8	1.9	29*	5.9	18	3.0	LA PORTE IN	221	-49	62	59	35
3	1.6	7	3.4	12	4.8	LAWRENCE IN	107	42	195	86	74
10	1.9	18	2.7	25	3.4	MADISON IN	44	26	81	66	44
81	2.9	102	3.0	155	4.2	MARION IN	6	39	46	51	60
3	1.9	10	5.0	15	6.0	MARSHALL IN	165	20	218	88	87
				2	3.3	MARTIN IN					41
7	4.1	6	3.3	6	2.7	MIAMI IN	-19	-19	-34	11	29
6	2.7	10	3.8	10	2.6	MONROE IN	41	-32	-4	23	28
2	1.2	5	2.2	6	2.5	MONTGOMERY IN	83	12	106	72	28
1	.7	7	4.2	10	4.3	MORGAN IN	506	2	520	97	63
1	1.6	1	1.0	2	2.4	NEWTON IN	-36	135	50	53	25
5	3.5	8	5.1	3	1.4	NOBLE IN	44	-72	-60	03	15
		1	4.7			OHIO IN					
1	1.1	6	6.2	3	2.8	ORANGE IN	452	-54	153	81	32
1	1.4	4	4.9	4	5.0	OWEN IN	259	2	265	90	77
3	2.8	6	6.5	6	4.5	PARKE IN	131	-32	58	57	67
4	4.2	5	5.4	5	4.0	PERRY IN	28	-25	-4	23	56
2	2.5	4	5.2	2	2.6	PIKE IN	113	-50	5	29	28
6	3.0	10	3.6	18	4.4	PORTER IN	18	22	44	50	65
		3	2.4	9	6.5	POSEY IN		166			90
4	6.3	5	6.1			PULASKI IN	-3				
1	.7	2	1.6	5	3.4	PUTNAM IN	116	111	355	94	43
3	2.0	4	2.2	5	2.7	RANDOLPH IN	13	23	38	47	30
3	2.7	1	.8	2	1.3	RIPLEY IN	-71	70	-50	06	14
4	4.1	4	3.1	3	2.8	RUSH IN	-24	-11	-32	12	31
29	3.1	38	3.2	71	5.1	ST JOSEPH IN	3	61	65	60	78
1	2.0	3	3.8			SCOTT IN	88				
5	2.8	7	3.4	8	4.0	SHELBY IN	20	19	43	49	57
3	3.4	2	2.5	5	5.4	SPENCER IN	-25	115	61	58	82
3	3.2	5	4.1	7	5.2	STARKE IN	28	27	62	59	80
6*	7.0	5	4.5	6	4.4	STEUBEN IN	-36	-3	-37	10	65
4	2.7	4	2.5	4	2.2	SULLIVAN IN	-8	-10	-17	18	23
2	5.3	3	7.4			SWITZERLAND IN	40				
7	1.9	16	3.8	22	4.5	TIPPECANOE IN	99	18	134	78	68
1	1.1	3	3.1	3	2.9	TIPTON IN	192	-4	180	84	34
		2	5.0			UNION IN					
19	2.2	31	3.2	34	2.9	VANDERBURGH IN	47	-10	32	44	33
4	3.1	2	1.4	7	5.2	VERMILLION IN	-54	273	70	62	79
12	2.0	32	5.0	35	4.8	VIGO IN	152	-5	139	79	73
6	3.5	11	5.7	12	5.3	WABASH IN	63	-8	50	53	80
		4	7.6	2	4.1	WARREN IN		-47			58
3	2.6	4	2.7	10	5.5	WARRICK IN	3	104	109	73	83
1	1.1	2	1.7	2	1.6	WASHINGTON IN	54	-7	44	50	17
15	4.0	15	3.6	22	4.5	WAYNE IN	-10	25	12	32	67
4	3.2	4	2.9	4	2.4	WELLS IN	-10	-16	-24	15	26
2	2.0	4	3.2	5	3.1	WHITE IN	59	-3	54	55	38
5	4.7	3	2.2	7	4.8	WHITLEY IN	-54	121	2	27	73
480*	3.2	723*	4.3	908*	4.8	IOWA IA	34	11	48		
1	1.2	1	1.1	4	4.7	ADAIR IA	-7	321	290	91	72
2	4.7			4	5.6	ADAMS IA			21	37	84
1	1.1	5	4.7	4	3.9	ALLAMAKEE IA	331	-18	255	90	54
3	1.9	2	1.7	7	4.9	APPANOOSE IA	-11	187	154	81	75
5*	8.4	2	3.0	4	5.5	AUDUBON IA	-65	84	-35	11	83
6	4.7	5	3.5	11	6.6	BENTON IA	-26	88	40	48	90
11	2.2	30	4.9	33	4.6	BLACK HAWK IA	123	-6	109	73	69
5	3.0	3	1.5	11	6.4	BOONE IA	-51	332	110	73	89
4	4.2	9*	6.4	5	3.7	BREMER IA	54	-42	-10	21	51
3	2.6	3	2.3	6	4.9	BUCHANAN IA	-12	115	88	68	75
4	3.0	2	1.3	6	3.4	BUENA VISTA IA	-58	170	15	34	44
3	3.1	3	2.5	5	4.3	BUTLER IA	-21	72	36	46	62
4	3.9	6	6.3	8	5.2	CALHOUN IA	61	-17	34	45	80
2	1.5	5	3.5	7	4.3	CARROLL IA	131	23	184	85	62
4	3.3	8	4.8	13*	10.0	CASS IA	45	106	198	86	97
7*	7.0	7	5.5	4	3.5	CEDAR IA	-22	-36	-50	06	45
10	3.5	15	4.6	19	5.7	CERRO GORDO IA	30	23	60	58	84
5	3.9	7	5.6	4	4.2	CHEROKEE IA	42	-24	8	30	61
1	1.8	1	.9	6	5.7	CHICKASAW IA	-50	542	218	86	84
1	1.3	3	5.3	8*	11.1	CLARKE IA	324	106	784	99	98
2	2.2	4	3.9	4	3.3	CLAY IA	81	-15	54	55	42
8*	5.9	7	5.2	11	6.9	CLAYTON IA	-13	33	16	35	92
8	2.8	14	4.8	11	2.9	CLINTON IA	71	-39	4	28	34
4	3.7	3	3.8	2	1.8	CRAWFORD IA	2	-53	-51	05	18
6	4.0	5	2.9	8	3.9	DALLAS IA	-27	35	-2	25	55
2	3.4			2	3.3	DAVIS IA			-2	24	42
3	3.8	7*	9.6	4	3.6	DECATUR IA	155	-62	-3	24	49
3	3.3	6	6.1	11*	9.2	DELAWARE IA	85	51	178	84	97
13*	5.1	14	5.0	12	3.5	DES MOINES IA	-3	-31	-32	12	45
2	2.5	7*	8.2	3	2.4	DICKINSON IA	232	-71	-4	23	25
11	2.7	15	3.2	27	4.9	DUBUQUE IA	19	53	83	67	75

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
		5	5.6	6	6.7	EMMET IA		21			91
3	1.9	4	2.3	7	3.1	FAYETTE IA	24	31	63	60	37
2	1.6	7	5.4	8	4.5	FLOYD IA	236	-18	175	84	67
3	3.6	2	2.6	6	5.0	FRANKLIN IA	-29	95	39	47	77
		1	.9	5	6.5	FREMONT IA		617			90
4	4.0	1	.8	6	5.0	GREENE IA	-81	559	25	40	76
3	3.6	4	4.3	5	3.4	GRUNDY IA	20	-21	-5	23	43
5	4.7	4	3.5	6	5.6	GUTHRIE IA	-25	59	19	36	84
2	1.8	8	6.4	6	3.3	HAMILTON IA	266	-49	87	67	41
3	3.6	6	7.3	4	3.8	HANCOCK IA	100	-48	5	28	51
2	1.2	8	4.5	9	5.3	HARDIN IA	280	19	351	94	81
1	1.2	6	5.1	2	1.2	HARRISON IA	326	-77	-2	25	13
3	2.6	3	2.1	8	6.7	HENRY IA	-20	221	155	82	91
2	2.9	3	3.9	4	3.1	HOWARD IA	34	-18	9	31	38
3	4.4	2	3.2	5	5.6	HUMBOLDT IA	-27	72	26	41	83
2	2.9	1	1.0	2	3.1	IDA IA	-66	215	7	30	38
4	4.4	1	.9	1	.8	IOWA IA	-79	-14	-82	00	11
3	2.7	4	3.3	6	5.1	JACKSON IA	25	53	90	69	78
5	2.7	7	3.4	15	6.2	JASPER IA	25	84	129	77	88
5	6.6	3	3.6	1	1.0	JEFFERSON IA	-46	-71	-84	00	12
6	2.6	10	3.9	15	5.0	JOHNSON IA	51	29	96	70	77
4	3.8	2	1.6	9	7.0	JONES IA	-59	349	84	67	92
6	5.0	2	2.1	5	5.1	KEOKUK IA	-59	148	3	27	79
3	2.3	6	4.3	7	4.5	KOSSUTH IA	86	4	94	70	68
7	2.9	9	3.5	8	2.7	LEE IA	21	-21	-5	23	31
39*	6.0	35	4.4	55*	6.2	LINN IA	-26	42	4	28	88
1	1.3	3	4.8			LOUISA IA	269				
4	5.0	2	2.2	8*	6.7	LUCAS IA	-56	204	34	45	91
		2	2.5	3	3.1	LYON IA		23			38
1	1.8	2	2.2	7	6.6	MADISON IA	20	204	264	90	91
3	1.8	6	4.3	13*	8.1	MAHASKA IA	140	88	352	94	95
2	1.4	4	2.7	11	5.2	MARION IA	91	94	270	91	79
11*	4.9	16*	6.7	10	4.0	MARSHALL IA	37	-40	-18	18	56
5*	6.3	2	2.5	1	1.2	MILLS IA	-60	-52	-81	00	13
3	3.5	4	3.2	9*	9.2	MITCHELL IA	-10	190	162	82	97
1	1.1	3	4.4	4	4.8	MONONA IA	303	10	345	94	74
2	2.6	7*	11.6	6	5.6	MONROE IA	353	-52	119	75	84
6	5.6	8*	6.5	10*	8.1	MONTGOMERY IA	16	23	43	50	95
4	1.8	12	5.4	8	3.6	MUSCATINE IA	195	-34	93	70	47
6	5.6	11*	9.1	7	4.9	O'BRIEN IA	61	-46	-13	20	75
2	4.1	3	5.0	3	6.4	OSCEOLA IA	24	28	59	57	89
4	2.3	11*	6.8	7	4.1	PAGE IA	190	-40	74	64	58
3	5.7	4	5.0	7	7.2	PALO ALTO IA	-11	43	27	42	93
5	4.3	7	4.2	16*	10.7	PLYMOUTH IA	-2	156	152	81	98
2	2.5	7*	7.6	5	5.8	POCAHONTAS IA	201	-23	132	77	86
36	2.8	81*	5.5	91*	5.4	POLK IA	94	-1	92	69	82
17	4.2	14	3.2	16	3.2	POTTAWATTAMIE IA	-25	2	-24	15	40
4	3.9	2	1.6	7	4.0	POWESHIEK IA	-59	151	3	27	57
2	4.0	2	3.2	4	5.4	RINGGOLD IA	-20	70	36	46	82
3	3.1	8	7.2	8	7.7	SAC IA	132	6	147	80	94
16	2.8	31	4.6	21	2.7	SCOTT IA	66	-41	-2	24	30
		2	2.2	7	6.4	SHELBY IA		183			89
3	2.1	6	4.2	15*	8.5	SIOUX IA	102	104	312	93	96
8	3.7	9	3.4	12	3.4	STORY IA	-6	-2	-8	21	42
2	1.5	9	6.4	5	2.3	TAMA IA	333	-63	59	58	25
2	3.0	2	3.4	3	3.6	TAYLOR IA	12	4	17	35	47
4	3.4	4	3.4	7	5.3	UNION IA	0	56	56	56	81
		4	8.5	2	1.7	VAN BUREN IA		-80			17
13*	5.0	20*	6.9	19	5.9	WAPELLO IA	37	-14	18	36	86
2	1.8	3	3.2	5	3.3	WARREN IA	79	6	90	68	42
1	.8	9	7.0	1	.6	WASHINGTON IA	836	-92	-23	16	10
		4	4.4	12*	15.7	WAYNE IA		256			99
3	1.3	14	4.6	13	3.9	WEBSTER IA	260	-14	208	87	55
		4	5.1	2	1.8	WINNEBAGO IA		-64			19
10*	8.6	3	2.3	6	4.4	WINNESHIEK IA	-73	89	-49	06	66
19	3.3	29	4.6	34	5.1	WOODBURY IA	41	9	53	55	78
3	5.1	3	5.7	3	4.3	WORTH IA	13	-25	-15	19	63
3	2.6	3	2.4	5	2.9	WRIGHT IA	-7	20	11	32	34
289	2.7	478	3.8	600	4.1	KANSAS KS	41	7	51		
3	2.0	12*	9.9	5	3.5	ALLEN KS	390	-65	73	63	46
1	1.4	3	4.5	5	7.6	ANDERSON KS	228	69	453	96	94
3	2.8	3	3.1	2	2.0	ATCHISON KS	12	-36	-29	13	20
1	2.1	4	6.6			BARBER KS	209				
1	.9	7	4.9	9	4.7	BARTON KS	430	-4	409	96	71
1	.7	6	4.2	8	5.6	BOURBON KS	480	33	673	98	84
3	2.9	6	6.3	3	1.7	BROWN KS	118	-72	-40	09	18
5	2.7	8	3.7	10	3.6	BUTLER KS	38	-2	36	46	49
3*	12.6			3	8.1	CHASE KS			-36	10	95
1	2.3	3	5.9	3	6.1	CHAUTAUQUA KS	158	3	166	83	87
5	3.5	4	2.3	8	4.0	CHEROKEE KS	-34	74	14	33	55
1	4.6					CHEYENNE KS					
1	4.0	4*	15.9	2	4.9	CLARK KS	298	-69	24	39	76
6*	6.6	4	4.4	6	4.9	CLAY KS	-33	10	-26	14	74
4	3.6	3	2.2	3	1.4	CLOUD KS	-40	-38	-63	03	14
2	2.5	4	5.3	5	10.0	COFFEY KS	108	90	295	92	97
2*	10.4					COMANCHE KS					
13*	5.0	10	3.3	8	2.2	COWLEY KS	-34	-33	-55	04	24
8	3.0	9	2.9	8	2.0	CRAWFORD KS	-4	-33	-35	11	20
		1	1.6	1	2.2	DECATUR KS		39			23
5	3.9	5	2.8	8	3.1	DICKINSON KS	-29	13	-20	17	39
2	3.6	3	5.6	2	3.9	DONIPHAN KS	49	-32	2	26	53
13*	7.1	9	3.9	14	4.9	DOUGLAS KS	-46	26	-32	12	75
1	4.1	2	7.3	2	4.7	EDWARDS KS	80	-36	15	34	71
3	9.3			4	7.3	ELK KS			-22	16	93
3	3.9	2	2.2	7	5.7	ELLIS KS	-44	163	48	52	65
1	1.5	3	5.4	5	7.5	ELLSWORTH KS	254	38	390	95	94
2	2.8	5	6.4	4	4.3	FINNEY KS	129	-32	55	56	64
2	1.8	1	.7	6	3.4	FORD KS	-63	416	89	68	44

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	1.3	2	1.2	6	2.9	FRANKLIN KS	-11	140	115	74	33
2	3.0	5	5.8	3	2.8	GEARY KS	93	-52	-7	22	31
		2	9.5	1	3.6	GOVE KS		-62			48
1	2.7	1	3.3			GRAHAM KS	23				
		2	9.1	1	3.7	GRANT KS		-59			51
		2	7.8			GRAY KS					
2	2.3	4	4.2	4	3.3	GREENWOOD KS	78	-20	43	49	42
				1	6.0	HAMILTON KS					87
1	1.6	1	1.1	2	2.6	HARPER KS	-31	133	60	58	28
8*	5.7	4	2.2	10	4.7	HARVEY KS	-62	117	-18	18	71
				1	3.2	HODGEMAN KS					40
2	2.4	4	5.6	6	6.8	JACKSON KS	131	21	179	84	91
2	2.7	5	6.6	3	3.4	JEFFERSON KS	143	-48	25	41	43
1	2.3	1	1.1	2	3.1	JEWELL KS	-50	169	33	45	36
17	4.3	31	4.2	30	2.6	JOHNSON KS	-3	-39	-40	09	28
		2*	12.8	1	6.9	KEARNY KS		-46			92
3	5.1			3	4.0	KINGMAN KS			-21	16	56
1	4.1			3	6.3	KIOWA KS			56	56	89
7	3.8	6	2.6	13	6.1	LABETTE KS	-30	134	63	59	88
1	5.8					LANE KS					
1	.5	5	2.5	9	3.9	LEAVENWORTH KS	427	59	736	99	55
		3	7.9	1	4.8	LINCOLN KS		-39			74
2	3.9	1	1.0	1	1.6	LINN KS	-76	68	-59	03	17
		1	5.4	1	2.5	LOGAN KS		-53			27
2	1.4	6	3.1	3	1.8	LYON KS	122	-41	31	44	19
3	2.2	6	3.1	10	5.3	MC PHERSON KS	44	72	147	80	81
5	4.3	5	5.9	5	4.3	MARION KS	39	-28	1	26	63
1	.7	6	4.6	5	3.0	MARSHALL KS	563	-34	337	93	35
1	3.0			2	6.5	MEADE KS			113	74	90
3	2.3	6	4.2	3	2.3	MIAMI KS	82	-44	1	26	24
2	3.0	4	5.1	5	7.9	MITCHELL KS	69	56	162	82	95
10	3.5	6	2.4	16	4.2	MONTGOMERY KS	-31	75	21	38	61
		5*	10.1	6*	11.8	MORRIS KS		16			98
1	9.3					MORTON KS					
1	1.5	3	4.8	6	5.7	NEMAHA KS	228	19	290	92	84
3	1.9	4	2.9	6	3.6	NEOSHO KS	57	23	94	70	48
1	2.6	2	3.9	1	2.0	NESS KS	53	-48	-21	16	21
		3	8.8	2	2.6	NORTON KS		-70			29
1	1.4	4	4.2	6	4.8	OSAGE KS	206	15	253	90	74
		3	4.3	5	9.0	OSBORNE KS		110			96
3	6.9					OTTAWA KS					
1	1.2	1	1.1	4	5.9	PAWNEE KS	-7	419	381	95	86
1	1.7			5	9.0	PHILLIPS KS			437	96	96
3	4.2	1	.8	4	3.8	POTTAWATOMIE KS	-81	379	-7	22	53
2	3.1	2	2.8	3	3.1	PRATT KS	-9	11	1	26	37
		2	8.6	1	5.2	RAWLINS KS		-59			79
2	.7	14	3.9	22	4.8	RENO KS	471	25	614	98	74
3	4.7	2	1.8	7	7.6	REPUBLIC KS	-62	323	62	59	94
1	1.1	2	1.7	7	7.9	RICE KS	55	354	603	98	95
4	3.1	9	6.3	4	2.2	RILEY KS	105	-66	-30	13	22
2	3.9	2	3.5	1	1.2	ROOKS KS	-10	-64	-68	02	13
1	2.8	1	2.2	1	2.4	RUSH KS	-19	9	-12	20	26
1	2.3	6*	9.6	3	3.5	RUSSELL KS	315	-64	51	54	45
6	2.9	15*	6.1	14	4.7	SALINE KS	109	-23	62	59	72
1	5.4	1	4.8			SCOTT KS	-10				
35	2.8	57	3.8	80	4.3	SEDGWICK KS	35	14	54	55	63
		4	6.0	2	2.4	SEWARD KS		-60			26
7	1.1	40	5.2	46	5.4	SHAWNEE KS	376	3	392	95	81
		3*	15.2	2	9.0	SHERIDAN KS		-40			96
				1	1.7	SHERMAN KS					18
4	8.8	4	7.5	2	1.5	SMITH KS	-15	-80	-83	00	16
				5	10.3	STAFFORD KS					98
3	2.0	5	3.0	13	6.3	SUMNER KS	51	110	217	87	89
		3	7.7	3	6.5	THOMAS KS		-15			90
1	4.1	1	3.4			TREGO KS	-16				
		1	1.9	2	2.4	WABAUNSEE KS		26			26
1	10.9					WALLACE KS					
2	2.3	1	.9	4	4.7	WASHINGTON KS	-59	392	100	71	71
1	6.1					WICHITA KS					
3	2.6	4	3.8	5	6.1	WILSON KS	45	59	131	77	88
1	2.8	1	1.7			WOODSON KS	-38				
17	2.4	30	3.7	35	4.1	WYANDOTTE KS	58	9	72	63	58
267	2.0	473	3.1	618	3.3	KENTUCKY KY	51	7	61		
1	1.3	3	4.0			ADAIR KY	208				
1	1.5	5	5.9	1	1.0	ALLEN KY	301	-83	-33	11	12
3	6.2	3	6.5	3	4.1	ANDERSON KY	6	-37	-33	11	59
2	4.5	1	1.3	1	1.7	BALLARD KY	-71	27	-63	02	17
4	3.1	5	3.5	3	1.5	BARREN KY	12	-57	-51	05	15
		3	5.3	3	6.0	BATH KY		14			87
1	.6	6	3.6	9	4.8	BELL KY	488	34	689	99	73
2	2.5	5	4.5	6	4.1	BOONE KY	81	-10	63	59	58
1	1.3	4	4.4	5	4.8	BOURBON KY	236	8	263	90	73
4	1.7	2	.8	10	3.0	BOYD KY	-54	287	77	65	35
3	3.2	3	2.7	7	4.8	BOYLE KY	-16	77	49	53	73
		2	4.1			BRACKEN KY					
		2	2.9			BREATHITT KY					
2	2.4	4	4.5			BRECKINRIDGE KY	92				
		3	4.0	3	2.9	BULLITT KY		-28			33
1	2.1					BUTLER KY					
3	4.7	1	.9	1	1.2	CALDWELL KY	-81	37	-74	01	13
1	1.0	4	2.6	4	2.2	CALLOWAY KY	169	-18	120	75	23
8	1.8	18	3.5	19	3.5	CAMPBELL KY	93	-1	91	69	45
				3	7.9	CARLISLE KY					95
				1	2.2	CARROLL KY					22
1	.8	1	.8	6	5.0	CARTER KY	-1	510	504	97	76
		2	2.5	1	1.0	CASEY KY		-58			12
4	2.2	7	3.7	12	5.1	CHRISTIAN KY	70	40	137	78	79
1	1.1	1	.9	4	2.8	CLARK KY	-16	205	156	82	32

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
3	3.1			6	6.3	CLAY KY			102	71	89
		2	5.1	2	3.2	CLINTON KY		-37			40
		2	2.9	1	1.3	CRITTENDEN KY		-56			14
		2	5.4	2	4.8	CUMBERLAND KY		-12			73
5	1.7	12	3.5	15	3.4	DAVIESS KY	103	-2	98	71	43
1	2.2					EDMONSON KY					
2	2.3	3	3.6	1	.9	ESTILL KY	53	-75	-62	03	11
17	3.7	24	3.8	35	4.4	FAYETTE KY	4	14	19	36	65
		1	1.3	2	2.0	FLEMING KY		56			21
2	1.5	4	2.5	8	3.5	FLOYD KY	67	44	140	79	46
4	3.0	4	2.7	3	1.3	FRANKLIN KY	-8	-51	-55	04	14
		2	3.0			FULTON KY					
				2	7.7	GALLATIN KY					94
		1	2.0	2	3.4	GARRARD KY		70			44
		1	1.2	3	4.2	GRANT KY		265			61
3	1.7	4	1.8	12	4.4	GRAVES KY	3	152	160	82	67
1	1.1	4	4.3	5	4.5	GRAYSON KY	285	4	300	92	67
1	1.9			1	1.2	GREEN KY			-37	10	13
1	.8	4	3.1	2	1.2	GREENUP KY	274	-62	41	48	13
2	5.6					HANCOCK KY					
4	2.3	6	3.2	10	4.0	HARDIN KY	41	24	75	64	57
4	2.4	4	2.0	7	2.9	HARLAN KY	-18	43	18	36	33
3	3.4	1	1.4	1	1.4	HARRISON KY	-59	-2	-60	03	15
		3	4.1	3	3.1	HART KY		-25			37
1	.8	7	4.0	12	5.3	HENDERSON KY	426	32	592	98	81
2	2.7	4	6.5	4	5.9	HENRY KY	137	-10	113	74	86
1	1.9			2	4.7	HICKMAN KY			148	80	72
6	3.6	9	3.6	10	3.8	HOPKINS KY	-2	5	3	27	51
		1	1.5	2	3.0	JACKSON KY		100			36
70	3.0	133*	4.5	138	3.9	JEFFERSON KY	52	-13	32	44	54
1	2.1	3	4.6	3	3.1	JESSAMINE KY	121	-31	52	54	38
1	1.0	2	2.0	2	1.6	JOHNSON KY	97	-23	52	54	16
8	1.4	23	3.3	19	2.3	KENTON KY	138	-30	65	60	25
		1	1.1	2	2.6	KNOTT KY		134			28
1	.9	2	1.7	1	.5	KNOX KY	76	-68	-43	08	10
		4	7.3	2	2.8	LARUE KY		-62			31
1	1.1	2	1.3	8	4.6	LAUREL KY	22	247	323	93	70
1	1.2	1	1.1	4	5.6	LAWRENCE KY	-6	399	370	94	84
1	3.2	1	2.8			LEE KY	-12				
3	2.3	2	1.5	3	2.1	LETCHER KY	-34	41	-7	22	22
1	1.6					LEWIS KY					
1	1.5	1	1.1	5	5.1	LINCOLN KY	-28	374	244	89	78
		2	5.4	2	3.3	LIVINGSTON KY		-39			41
2	1.7	3	2.5	3	2.6	LOGAN KY	51	3	55	56	29
		1	3.1	3	6.5	LYON KY		107			90
6	2.4	11	3.3	16	3.8	MC CRACKEN KY	39	16	61	58	52
		3	5.7	3	4.1	MC CREARY KY		-28			58
		2	4.3	3	5.4	MC LEAN KY		24			82
5	3.8	3	1.7	10	4.6	MADISON KY	-57	175	20	37	70
				1	2.4	MAGOFFIN KY					26
3	4.7	1	1.0	4	3.5	MARION KY	-78	244	-26	14	46
3	3.8	3	2.9	7	4.9	MARSHALL KY	-24	70	29	43	76
1	2.8			1	2.3	MARTIN KY			-15	19	25
2	2.0	1	1.0	2	1.6	MASON KY	-52	68	-19	17	17
				1	1.8	MEADE KY					18
				1	5.3	MENIFEE KY					81
3	4.1	2	2.1	7	6.4	MERCER KY	-48	198	55	56	89
1	2.3	2	4.4	1	1.9	METCALFE KY	89	-57	-19	17	19
1	1.8	1	1.9	1	1.5	MONROE KY	1	-20	-19	17	15
3	5.7	3	4.3	3	3.4	MONTGOMERY KY	-24	-21	-40	09	43
		2	3.1	2	3.2	MORGAN KY		5			40
3	2.1	3	1.9	8	4.0	MUHLENBERG KY	-10	111	90	69	56
2	2.5	4	3.3			NELSON KY	32				
2	3.8	2	5.7	1	1.7	NICHOLAS KY	49	-70	-55	05	17
		3	2.5	2	1.1	OHIO KY		-55			13
2	3.4	1	1.7	2	2.7	OLDHAM KY	-50	64	-19	18	31
1	1.9	1	3.9	2	2.9	OWEN KY	100	-27	46	51	33
1	2.1			4*	9.6	OWSLEY KY			369	94	97
1	1.5					PENDLETON KY					
1	1.3	1	.8			PERRY KY	-34				
1	.1	8	2.9	10	3.0	PIKE KY	2000	5	2099	99	36
				3	5.2	POWELL KY					79
2	1.3	4	2.1	11	4.1	PULASKI KY	56	93	201	86	58
				1	4.6	ROBERTSON KY					70
3	4.7	3	4.7			ROCKCASTLE KY	1				
4*	8.4	2	2.7	2	2.7	ROWAN KY	-68	0	-68	02	30
1	1.9	2	3.4	5	6.0	RUSSELL KY	78	78	216	87	87
1	1.5	2	2.5	2	2.6	SCOTT KY	65	1	67	61	28
1	1.2	1	.9	2	1.3	SHELBY KY	-22	47	15	34	14
2	3.1	2	2.8	3	3.7	SIMPSON KY	-11	35	20	37	50
				1	3.1	SPENCER KY					38
1	1.5			7	6.2	TAYLOR KY			302	92	88
				3	4.3	TODD KY					63
				2	3.9	TRIGG KY					54
1	2.8	1	2.9			TRIMBLE KY	4				
		1	1.1	4	4.4	UNION KY		284			64
6	3.2	8	3.4	10	3.1	WARREN KY	7	-10	-3	24	37
1	2.1	3	5.3	3	5.4	WASHINGTON KY	148	2	153	81	82
		2	2.7	5	4.5	WAYNE KY		69			67
2	2.2	7	7.1	3	2.5	WEBSTER KY	221	-65	13	33	27
2	1.7	6	4.2	4	1.8	WHITLEY KY	147	-56	8	30	19
		1	2.9	3	6.4	WOLFE KY		121			90
1	2.0			2	2.6	WOODFORD KY			33	45	29
208	2.4	364	3.2	604	4.1	LOUISIANA LA	33	29	72		
3	1.9	6	3.2	13	5.3	ACADIA LA	73	65	186	85	81
		2	2.5	6	5.8	ALLEN LA		135			86
1	1.4	4	4.6	5	3.8	ASCENSION LA	236	-17	180	84	51
3	6.0	1	1.9	4	6.4	ASSUMPTION LA	-69	244	6	29	89

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
3	2.4	5	3.1	2	1.2	AVOYELLES	LA	30	-62	-51	05	13
				7	6.4	BEAUREGARD	LA					89
1	1.5	3	4.3			BIENVILLE	LA	188				
1	1.0	10*	6.5	9	5.0	BOSSIER	LA	549	-23	400	95	77
14	2.1	30	3.8	44	4.3	CADDO	LA	77	13	99	71	62
13	4.3	11	2.3	25	4.3	CALCASIEU	LA	-47	90	1	26	64
		1	2.5	1	1.7	CALDWELL	LA		-33			17
1	5.6			2	4.7	CAMERON	LA			-16	19	71
		1	2.1	2	4.4	CATAHOULA	LA		112			66
2	4.1	1	3.0	1	1.1	CLAIBORNE	LA	-27	-65	-74	01	12
		4*	7.7	2	3.3	CONCORDIA	LA		-57			41
2	3.2			5	5.0	DE SOTO	LA			57	57	77
12	2.6	32	4.6	40	4.3	EAST BATON ROUGE	LA	79	-5	69	62	64
				2	7.1	EAST CARROLL	LA					93
2	4.5	2	2.4	3	5.3	EAST FELICIANA	LA	-48	124	17	35	80
2	2.4	8	6.5	5	3.4	EVANGELINE	LA	169	-48	40	48	44
2	2.4	3	3.4	8	8.0	FRANKLIN	LA	40	133	227	88	95
1	1.7			1	1.9	GRANT	LA			13	33	20
1	.7	3	1.4	14	6.7	IBERIA	LA	112	371	898	99	91
		4	5.3	3	3.1	IBERVILLE	LA		-41			38
		2	2.7	1	1.1	JACKSON	LA		-61			12
15	3.7	24	2.7	59	4.2	JEFFERSON	LA	-25	55	15	34	61
3	4.0	3	2.5	9	6.6	JEFFERSON DAVIS	LA	-37	166	67	61	91
5	2.5	10	3.2	23	5.5	LAFAYETTE	LA	29	71	121	76	83
3	2.1	5	2.5	10	3.3	LAFOURCHE	LA	19	30	55	56	40
		3	4.4	3	3.0	LA SALLE	LA		-30			36
		3	2.4	6	4.3	LINCOLN	LA		82			63
		3	2.6	4	2.5	LIVINGSTON	LA		-4			26
		1	3.2	1	2.4	MADISON	LA		-26			25
		2	2.2	3	2.4	MOREHOUSE	LA		11			26
2	2.2	6	5.3	5	3.7	NATCHITOCHES	LA	136	-30	66	60	50
70	3.2	82	3.4	107	4.5	ORLEANS	LA	7	33	42	49	68
8	2.8	11	3.0	21	4.3	OUACHITA	LA	7	42	52	54	64
				3	3.4	PLAQUEMINES	LA					44
				4	5.9	POINTE COUPEE	LA					86
4	1.4	7	1.7	17	3.2	RAPIDES	LA	21	86	124	76	40
2	6.3			1	1.7	RED RIVER	LA			-73	01	17
1	1.5	3	4.1	3	3.4	RICHLAND	LA	169	-16	125	76	43
1	1.1	2	2.3	2	1.2	SABINE	LA	110	-48	9	31	13
2	2.5	3	1.5	17*	7.2	ST BERNARD	LA	-38	370	190	85	93
		1	1.4	1	1.1	ST CHARLES	LA		-23			12
				1	4.4	ST HELENA	LA					64
1	2.6			2	3.3	ST JAMES	LA			28	42	41
1	3.9	1	2.2	2	3.4	ST JOHN THE BAPT	LA	-43	53	-13	20	42
3	1.5	9	4.1	9	3.3	ST LANDRY	LA	167	-21	110	73	40
2	2.6	2	2.2	3	2.3	ST MARTIN	LA	-15	8	-9	21	25
2	1.7	3	2.2	9	5.3	ST MARY	LA	35	138	220	88	81
2	2.1	6	3.0	9	2.8	ST TAMMANY	LA	39	-5	32	44	32
1	.6	7	3.6	9	3.0	TANGIPAHOA	LA	491	-16	398	95	35
		1	4.3	1	4.1	TENSAS	LA		-4			58
3	3.1	7	3.4	9	3.5	TERREBONNE	LA	9	5	15	34	47
1	1.2	1	1.1	6	5.2	UNION	LA	-8	383	342	93	80
3	2.3	5	2.7	9	3.9	VERMILION	LA	19	45	72	63	54
2	2.9	2	1.8	2	1.3	VERNON	LA	-36	-30	-56	04	14
3	2.1	1	.6	8	4.3	WASHINGTON	LA	-69	561	104	72	62
1	.8	6	3.7	8	4.0	WEBSTER	LA	364	10	411	96	57
1	4.7			6*	13.6	WEST BATON ROUGE	LA			190	85	99
1	2.0	3	4.9	4	5.4	WEST CARROLL	LA	142	9	163	82	82
1	1.6	8*	10.7	3	3.4	WINN	LA	564	-68	113	74	44
125	2.4	200	3.5	290	4.3	MAINE	ME	45	21	76		
6	1.3	13	2.4	39*	6.3	ANDROSCOGGIN	ME	86	166	394	95	89
7	2.1	13	2.9	18	3.9	AROOSTOOK	ME	39	33	86	67	54
34	3.1	39	3.5	65	4.7	CUMBERLAND	ME	10	36	50	53	72
5	4.4	1	.8	9	5.9	FRANKLIN	ME	-82	663	36	46	86
1	.6			10	3.0	HANCOCK	ME			406	96	35
10	2.2	27	5.0	27	4.1	KENNEBEC	ME	123	-17	85	67	60
4	1.9	7	3.1	6	2.9	KNOX	ME	63	-7	53	54	33
2	1.4	5	3.8	4	2.5	LINCOLN	ME	174	-34	80	66	27
8	3.4	12	5.1	19	6.1	OXFORD	ME	49	19	78	65	87
15	2.5	21	3.3	20	2.7	PENOBSCOT	ME	30	-18	7	29	29
2	2.1	4	3.5	5	4.0	PISCATAQUIS	ME	72	14	96	70	57
4	3.2	7	5.1	5	3.7	SAGADAHOC	ME	58	-29	13	32	49
9	4.2	12	5.3	9	3.3	SOMERSET	ME	26	-38	-22	16	41
3	2.1	5	3.3	7	4.1	WALDO	ME	57	27	98	71	59
5	2.8	5	2.5	7	3.7	WASHINGTON	ME	-8	48	36	46	51
10	1.9	29	4.4	40	4.7	YORK	ME	131	8	150	81	72
331	3.0	512	3.6	688	3.8	MARYLAND	MD	20	5	26		
10	2.2	14	2.7	26	4.1	ALLEGANY	MD	23	53	88	68	59
12	2.4	26	3.4	51	4.2	ANNE ARUNDEL	MD	43	24	77	65	60
36	2.5	86	3.7	118	3.5	BALTIMORE	MD	47	-5	39	47	45
		3	4.9	6	5.3	CALVERT	MD		7			80
4	4.6	7	6.4	6	4.9	CAROLINE	MD	39	-23	7	30	75
9	3.3	6	1.7	18	4.2	CARROLL	MD	-50	148	25	40	60
4	2.6	6	3.1	9	3.6	CECIL	MD	21	18	42	49	49
2	1.8			9	4.6	CHARLES	MD			153	81	70
3	2.6	7	4.4	4	2.7	DORCHESTER	MD	70	-38	6	29	30
7	2.3	13	3.4	13	2.8	FREDERICK	MD	51	-18	23	39	31
1	1.1	3	2.6	6	4.2	GARRETT	MD	149	59	295	92	60
3	1.4	7	2.3	16	3.3	HARFORD	MD	61	42	129	77	40
5	4.2	8	5.0	9	2.8	HOWARD	MD	20	-43	-32	12	32
1	1.5	2	2.6	1	1.0	KENT	MD	77	-62	-34	11	12
44*	4.7	71	4.2	116	4.4	MONTGOMERY	MD	-12	5	-8	21	64
36*	3.7	54	3.6	73	3.7	PRINCE GEORGE'S	MD	-3	3	0	26	50
		4	4.6	4	3.9	QUEEN ANNE'S	MD		-16			53
1	1.7	2	1.4	5	3.7	ST MARY'S	MD	-15	161	122	76	50
6*	7.7	1	1.1	1	.8	SOMERSET	MD	-86	-30	-90	00	11

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WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
2	2.1	4	2.9	7	3.7	TALBOT MD	37	29	77	65	51
18	4.1	20	3.8	28	4.3	WASHINGTON MD	-6	11	5	28	62
4	1.9	5	2.0	19	6.0	WICOMICO MD	5	200	215	87	87
4	3.7	2	1.5	6	3.5	WORCESTER MD	-59	138	-4	23	46
119	3.0	161	4.2	137	3.8	BALTIMORE CITY MD	40	-10	26	41	52
859	3.0	1185	3.6	1573	4.2	MASSACHUSETTS MA	21	15	40		
8	2.3	26	4.4	38	3.4	BARNSTABLE MA	92	-23	47	52	42
25	3.1	27	2.8	48	4.5	BERKSHIRE MA	-10	59	44	50	68
66	2.8	88	3.3	122	4.0	BRISTOL MA	16	20	39	47	55
2	3.7	1	2.7	2	2.6	DUKES MA	-28	-4	-31	13	28
103	3.0	110	2.8	177	3.9	ESSEX MA	-6	41	32	44	54
10	2.9	10	2.7	13	3.2	FRANKLIN MA	-7	19	10	31	39
53	2.4	109	4.2	122	4.0	HAMPDEN MA	76	-5	67	61	57
12	2.3	19	3.2	32	4.5	HAMPSHIRE MA	38	39	91	69	67
220*	3.4	290	3.9	356	4.1	MIDDLESEX MA	16	6	23	39	59
				2	8.4	NANTUCKET MA					95
88	3.4	136	4.1	187	4.6	NORFOLK MA	20	12	35	45	69
37	2.9	56	3.4	94	4.6	PLYMOUTH MA	17	36	59	58	70
148	3.2	195	4.2	206	4.7	SUFFOLK MA	31	12	47	51	71
87	2.6	118	3.2	174	4.1	WORCESTER MA	22	29	58	57	59
992*	3.3	1475*	4.1	1940*	4.5	MICHIGAN MI	24	12	38		
		2	4.2	2	5.0	ALCONA MI		18			76
3	6.5	1	2.2	5*	10.9	ALGER MI	-66	397	69	62	98
7	2.9	7	2.3	20	5.5	ALLEGAN MI	-21	141	90	68	82
4	3.4	2	1.7	9	5.0	ALPENA MI	-50	193	45	51	76
		4	5.4	3	2.4	ANTRIM MI		-55			26
1	2.1	3	5.1	3	4.5	APENAC MI	149	-12	121	75	69
				4	8.2	BARAGA MI					95
6	3.9	8	4.5	16*	7.2	BARRY MI	16	59	85	67	93
10	2.2	26	4.7	27	4.2	BAY MI	116	-11	92	69	61
1	2.1	4	7.3	4	6.1	BENZIE MI	246	-16	190	85	88
23	3.9	43*	5.7	44	5.2	BERRIEN MI	49	-9	36	46	79
7	4.3	6	3.2	14	6.1	BRANCH MI	-27	92	41	48	87
14	2.2	17	2.5	31	4.0	CALHOUN MI	13	58	78	65	55
6	3.6	11	5.9	12	5.4	CASS MI	66	-8	53	55	82
2	3.0	3	3.8	5	3.7	CHARLEVOIX MI	26	-1	24	40	50
2	2.9	4	4.7	4	3.3	CHEBOYGAN MI	63	-29	16	35	42
4	2.4	5	3.7	5	3.5	CHIPPEWA MI	51	-5	44	50	45
1	1.4			4	2.9	CLARE MI			114	74	33
4	2.7	8	4.2	8	3.7	CLINTON MI	53	-12	35	45	50
1	4.9	1	3.5	4	7.7	CRAWFORD MI	-28	119	57	57	94
4	2.3	9	4.6	13	5.5	DELTA MI	102	18	139	79	83
5	3.6	6	3.8	11	6.1	DICKINSON MI	4	61	67	61	87
5	2.4	9	3.3	22*	6.5	EATON MI	39	95	171	84	90
2	2.3	4	3.9	8	5.5	EMMET MI	70	39	136	78	83
53*	4.0	67	4.4	99*	5.5	GENESEE MI	9	26	37	46	83
		1	1.4	7	7.1	GLADWIN MI		394			93
3	2.0	2	1.2	6	3.4	GOGEBIC MI	-41	186	69	62	42
2	1.0	8	4.0	7	2.4	GRAND TRAVERSE MI	305	-39	147	80	26
8	4.3	6	3.1	10	4.7	GRATIOT MI	-28	51	9	31	71
4	2.4	11	5.7	10	4.2	HILLSDALE MI	131	-26	72	63	61
2	.9	7	2.6	13	6.2	HOUGHTON MI	179	135	556	98	88
6	3.4	10	5.0	11	4.4	HURON MI	44	-10	29	43	66
23	2.9	37	3.8	48	4.4	INGHAM MI	32	15	53	55	66
6	3.1	6	2.8	10	3.7	IONIA MI	-10	31	18	36	50
2	3.8	8*	8.9	7	4.6	IOSCO MI	137	-49	22	38	69
2	2.3	5	4.7	9	10.8	IRON MI	107	130	377	94	98
3	2.4	6	3.8	13	7.3	ISABELLA MI	59	95	209	87	93
18	3.2	23	3.5	38	5.2	JACKSON MI	11	46	62	59	79
19	2.6	33	3.9	42	4.3	KALAMAZOO MI	53	9	67	61	63
1	4.0			3	5.5	KALKASKA MI			38	47	83
69*	4.3	78	4.0	115	4.9	KENT MI	-6	21	15	34	75
		2*	18.1			KEWEENAW MI					
1	4.2					LAKE MI					
7	4.1	4	2.0	19*	7.2	LAPEER MI	-51	256	75	64	93
		1	2.1	4	5.2	LEELANAU MI		149			80
8	2.6	13	3.3	19	4.2	LENAWEE MI	27	30	66	60	61
6	3.8	9	4.3	14	4 5	LIVINGSTON MI	13	6	19	37	69
2	4.7	1	2.0			LUCE MI	-57				
		1	1.7	4	7.2	MACKINAC MI		316			93
28	3.4	69	3.7	107	3.9	MACOMB MI	8	4	13	33	53
3	2.7	7	6.5	8	5.5	MANISTEE MI	142	-15	104	72	83
3	1.2	9	3.2	15	4.8	MARQUETTE MI	168	50	304	92	74
4	3.4	8	5.5	6	3.5	MASON MI	64	-37	4	28	46
1	.9	6	5.2	3	2.2	MECOSTA MI	448	-59	127	76	22
8*	6.4	6	4.3	6	3.4	MENOMINEE MI	-33	-20	-47	07	43
6	4.8	8	4.5	14	4.9	MIDLAND MI	-6	9	3	27	75
1	3.1	1	2.2	1	1.6	MISSAUKEE MI	-27	-26	-46	07	17
8	2.2	16	3.6	28	4.7	MONROE MI	59	32	110	73	72
9	5.0	9	4.2	8	3.2	MONTCALM MI	-16	-23	-36	10	40
1	3.8			2	4.5	MONTMORENCY MI			17	35	68
14	2.3	24	3.6	32	3.9	MUSKEGON MI	52	8	64	60	53
5	4.2	8	5.5	8	4.6	NEWAYGO MI	30	-17	8	30	69
75	3.5	133	4.3	228*	5.0	OAKLAND MI	24	16	43	49	77
2	2.5	3	3.1	7	6.5	OCEANA MI	23	107	154	81	90
2	3.8	2	2.6	1	1.0	OGEMAW MI	-31	-63	-75	01	12
3	4.5	3	3.6	7	7.4	OSCEOLA MI	-19	105	66	60	93
		2	6.1	3	6.1	OSCODA MI		-1			87
		1	2.0	3	5.3	OTSEGO MI		167			81
18*	4.3	14	3.0	33	5.0	OTTAWA MI	-31	67	15	34	76
		2	2.7	4	4.2	PRESQUE ISLE MI		56			61
2	10.0	3	5.2	2	2.3	ROSCOMMON MI	-48	-55	-76	00	25
27	3.6	33	3.8	40	3.9	SAGINAW MI	5	4	9	31	54
17	3.6	17	2.9	31	4.5	ST CLAIR MI	-20	55	24	40	68
10	4.6	14	5.4	13	4.6	ST JOSEPH MI	17	-15	0	25	71
4	2.1	6	3.0	8	3.6	SANILAC MI	40	21	70	62	48

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
3	7.6			5	8.6	SCHOOLCRAFT	MI			14	34	96
14*	5.7	12	4.4	17	5.2	SHIAWASSEE	MI	-23	21	-7	22	80
6	3.1	6	2.5	7	2.7	TUSCOLA	MI	-18	6	-13	20	30
6	2.5	11	4.3	9	3.1	VAN BUREN	MI	68	-28	20	37	37
23	3.7	34	4.7	42	4.7	WASHTENAW	MI	26	0	27	41	71
326*	3.3	479*	4.3	448	4.2	WAYNE	MI	31	-3	27	41	60
6*	5.9	7	6.2	8	5.8	WEXFORD	MI	4	-6	-3	24	85
491	3.0	897*	4.6	1139*	4.8	MINNESOTA	MN	51	5	58		
3	3.8	3	3.0	7	7.7	AITKIN	MN	-21	157	102	71	94
3	1.6	19*	5.9	19	3.7	ANOKA	MN	259	-37	127	76	51
2	1.9	7	5.6	5	3.0	BECKER	MN	195	-47	57	57	36
4	3.9	6	5.5	7	4.8	BELTRAMI	MN	40	-12	23	38	73
1	1.3	4	4.6	4	3.9	BENTON	MN	254	-15	200	86	54
1	2.3	3	4.9	6*	9.1	BIG STONE	MN	114	86	298	92	96
11	4.8	16*	6.1	11	4.4	BLUE EARTH	MN	28	-28	-8	21	65
2	1.5	9	5.5	8	3.9	BROWN	MN	269	-29	164	83	54
1	1.1	6	4.1	8	4.7	CARLTON	MN	265	16	321	93	73
		6	4.7	5	3.5	CARVER	MN		-25			47
		2	2.1	4	2.3	CASS	MN		11			25
1	1.3	5	2.8	6	4.4	CHIPPEWA	MN	115	57	238	89	65
3	4.1	5	4.9	8	6.2	CHISAGO	MN	21	26	52	54	88
9*	5.7	6	3.5	8	3.5	CLAY	MN	-39	0	-39	09	45
				2	3.2	CLEARWATER	MN					39
1	10.7					COOK	MN					
2	2.2	4	3.7	1	1.4	COTTONWOOD	MN	65	-62	-38	09	15
3	1.7	11	5.4	10	3.8	CROW WING	MN	220	-30	125	76	51
9	3.5	20	5.1	26	4.1	DAKOTA	MN	46	-18	19	36	59
6*	8.8	3	3.3	6	7.6	DODGE	MN	-63	131	-14	19	94
1	.7	5	3.7	12	6.4	DOUGLAS	MN	435	73	827	99	89
2	1.5	3	2.1	17*	10.4	FARIBAULT	MN	36	405	587	98	98
2	1.6	10	6.3	7	3.8	FILLMORE	MN	283	-39	134	78	52
6	3.3	11	4.8	13	4.6	FREEBORN	MN	45	-4	40	48	70
2	1.1	7	3.2	17	6.5	GOODHUE	MN	196	105	507	97	90
2	4.1	5*	7.6	6*	10.3	GRANT	MN	88	34	152	81	97
121	3.1	211*	4.3	279*	4.8	HENNEPIN	MN	39	11	55	56	73
3	3.5	5	5.7	7	5.2	HOUSTON	MN	62	-8	48	52	79
1	1.6	4	6.8	7	8.2	HUBBARD	MN	328	19	410	96	95
1	1.4	5	5.9	3	2.9	ISANTI	MN	327	-51	110	73	34
2	1.0	11	6.0	9	4.1	ITASCA	MN	501	-32	309	93	58
2	2.7	6	6.5	4	3.7	JACKSON	MN	143	-43	37	47	49
		5*	8.5	3	4.1	KANABEC	MN		-51			59
5	3.1	12*	6.0	11	4.6	KANDIYOHI	MN	96	-23	50	53	70
		5*	13.0	4	7.3	KITTSON	MN		-44			93
		1	1.3	2	2.1	KOOCHICHING	MN		66			22
1	1.3	5	5.5	7	6.5	LAC QUI PARLE	MN	312	18	387	95	90
2	3.6	4	7.1	2	3.2	LAKE	MN	98	-55	-11	20	39
4	4.5	8	6.3	5	2.9	LE SUEUR	MN	40	-54	-35	11	34
		4	7.7	4	4.8	LINCOLN	MN		-37			74
5	4.5	5	3.6	6	4.4	LYON	MN	-19	22	-2	24	65
2	1.6	6	3.6	13	7.0	MC LEOD	MN	131	93	346	94	92
1	3.8	2	8.0			MAHNOMEN	MN	109				
1	1.4	1	1.2	4	3.9	MARSHALL	MN	-16	218	167	83	53
6	4.5	13*	7.5	12	5.1	MARTIN	MN	66	-32	13	33	78
4	4.0	8	6.8	3	2.4	MEEKER	MN	72	-64	-39	09	26
3	4.3	5	5.8	5	3.8	MILLE LACS	MN	34	-34	-12	20	52
3	2.3	7	5.0	8	4.2	MORRISON	MN	120	-16	85	67	60
7	3.3	10	3.9	13	5.0	MOWER	MN	20	27	52	54	76
2	3.6	4	5.9	4	4.5	MURRAY	MN	64	-24	25	40	67
4	3.2	2	1.5	8	6.0	NICOLLET	MN	-51	287	68	68	87
2	2.0	4	2.7	5	2.6	NOBLES	MN	37	6	44	50	32
		5	6.7	8*	10.8	NORMAN	MN		60			98
15*	5.0	24*	6.1	32*	6.3	OLMSTED	MN	20	3	24	40	69
5	1.6	10	3.1	18	5.0	OTTER TAIL	MN	93	59	208	87	77
1	1.7	1	1.4	6	7.9	PENNINGTON	MN	-13	451	380	95	95
4	4.3	1	1.3	5	4.3	PINE	MN	-71	239	-1	25	63
1	1.5	3	4.1	4	3.3	PIPESTONE	MN	176	-20	122	76	41
5	2.7	6	2.9	11	4.9	POLK	MN	6	71	81	66	76
		4	4.0	3	3.8	POPE	MN		-6			51
79*	3.9	115*	4.6	171*	5.8	RAMSEY	MN	20	26	51	54	86
1	4.0	2	8.1	3	7.7	RED LAKE	MN	105	-6	94	70	94
5	4.7	10*	7.9	8	4.9	REDWOOD	MN	69	-37	5	29	75
4	3.1	3	2.3	12*	8.8	RENVILLE	MN	-27	281	180	84	96
9	4.5	11	5.5	12	4.3	RICE	MN	22	-21	-4	23	64
1	1.9			2	2.2	ROCK	MN			12	32	23
1	1.8	2	4.2	1	.9	ROSEAU	MN	130	-79	-52	05	11
33	2.9	69*	5.3	66	4.6	ST LOUIS	MN	82	-15	55	56	69
2	2.3	6	5.3	5	2.6	SCOTT	MN	134	-52	12	32	28
3	5.3	3	4.2	3	2.4	SHERBURNE	MN	-21	-41	-54	05	26
1	1.1	4	4.7	7	5.4	SIBLEY	MN	317	15	379	95	81
9	2.4	17	4.4	17	3.6	STEARNS	MN	87	-19	52	54	48
9*	7.8	5	3.2	9	5.4	STEELE	MN	-59	69	-31	12	81
		5	6.8	8*	10.2	STEVENS	MN		50			97
3	5.1	2	2.0	5	4.2	SWIFT	MN	-60	106	-18	18	60
2	1.4	1	.7	3	1.4	TODD	MN	-51	104	1	26	15
2	5.1	2	4.9	2	4.0	TRAVERSE	MN	-4	-19	-22	16	56
2	2.2	4	3.2	5	3.8	WABASHA	MN	48	17	73	63	51
1	1.4	3	3.9	5	5.4	WADENA	MN	182	39	291	92	82
5	5.6	4	3.9	4	4.1	WASECA	MN	-29	6	-26	14	59
5	2.9	13	5.4	17	4.8	WASHINGTON	MN	89	-12	67	61	73
2	2.6	2	2.2	2	1.7	WATONWAN	MN	-17	-21	-34	11	18
2	4.3	5*	8.2	2	3.0	WILKIN	MN	90	-63	-30	13	35
9	3.9	15	5.9	19	4.7	WINONA	MN	51	-21	20	37	71
6	4.0	9	4.9	7	2.7	WRIGHT	MN	23	-45	-32	12	31
5	5.9	4	4.4	6	4.2	YELLOW MEDICINE	MN	-24	-4	-28	14	61
137	2.4	239	3.3	355	3.9	MISSISSIPPI	MS	41	15	63		
3	3.4	1	1.1	3	2.7	ADAMS	MS	-68	148	-20	17	30

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA — ICD 159.1.200, 202.0,.1,.8,.9

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
3	2.5	5	3.6	7	4.1	ALCORN MS	45	12	62	59	57
		2	4.3	2	3.1	AMITE MS		-28			37
		3	3.9	4	4.3	ATTALA MS		11			63
2	2.3	5	5.6	2	2.0	BOLIVAR MS	146	-65	-13	20	20
				5	4.5	CALHOUN MS					68
2	6.4			4*	10.3	CARROLL MS			62	59	98
1	1.7	3	4.2	4	4.3	CHICKASAW MS	143	4	153	81	64
		1	2.4	1	2.3	CHOCTAW MS		-3			24
				2	8.9	CLAIBORNE MS					96
1	1.9			2	3.4	CLARKE MS			77	65	43
		3	4.6	3	2.9	CLAY MS		-36			34
4	6.0	4	4.7	2	2.1	COAHOMA MS	-23	-55	-65	02	22
4	6.2	2	2.0	4	3.6	COPIAH MS	-68	80	-43	08	47
2	3.8	1	1.8	4	4.9	COVINGTON MS	-54	176	27	42	75
		4	6.5	7	5.7	DE SOTO MS		-11			85
4	2.2	8	3.8	9	3.3	FORREST MS	67	-12	48	52	42
		3	8.0	1	1.7	FRANKLIN MS		-79			17
1	2.0	3	6.7	2	3.2	GEORGE MS	232	-52	60	58	40
		2	7.1	2	4.3	GREENE MS		-39			62
		1	1.7	1	1.4	GRENADA MS		-17			15
1	2.3	2	2.8	2	1.9	HANCOCK MS	22	-30	-15	19	20
12	4.1	25*	6.4	30	5.7	HARRISON MS	55	-12	37	46	84
15	3.3	23	4.0	39	4.9	HINDS MS	20	24	49	52	76
		4	5.7	1	1.5	HOLMES MS		-74			15
1	4.0	2	6.8			HUMPHREYS MS	73				
1*	24.4					ISSAQUENA MS					
		2	2.7	8	6.9	ITAWAMBA MS		150			92
8*	5.8	3	1.7	15	4.6	JACKSON MS	-71	177	-20	17	70
1	2.5	2	4.6	1	2.1	JASPER MS	88	-55	-16	18	21
		2	10.7			JEFFERSON MS					
				1	1.7	JEFFERSON DAVIS MS					18
5	2.7	5	2.1	14	4.8	JONES MS	-23	132	78	65	74
3*	12.8	2	4.6			KEMPER MS	-64				
1	1.3	2	2.5	3	3.0	LAFAYETTE MS	87	18	120	75	35
1	1.9	1	1.7	3	3.6	LAMAR MS	-9	111	93	69	48
4	1.9	10	3.3	10	2.9	LAUDERDALE MS	76	-13	54	55	33
				5*	10.9	LAWRENCE MS					98
				1	1.7	LEAKE MS					17
5	3.4	9	5.3	7	2.7	LEE MS	53	-48	-21	17	30
4	4.4	6	5.5	6	4.7	LEFLORE MS	25	-14	7	30	72
1	.9	3	2.7	6	4.3	LINCOLN MS	217	58	402	95	62
3	2.4	4	3.1	7	3.9	LOWNDES MS	26	29	62	59	55
1	2.1	1	1.5	1	1.1	MADISON MS	-28	-29	-48	06	12
		3	3.4	4	3.3	MARION MS		-1			42
		1	1.5	4	6.3	MARSHALL MS		317			69
5	5.2	2	1.6	3	2.3	MONROE MS	-69	41	-56	04	24
		1	3.1			MONTGOMERY MS					
		3	2.8	6	5.5	NESHOBA MS		94			83
1	1.4	2	2.6	2	1.5	NEWTON MS	88	-41	12	32	16
				1	2.4	NOXUBEE MS					26
		3	4.2	3	3.4	OKTIBBEHA MS		-20			43
1	1.7	7*	8.7	3	3.9	PANOLA MS	415	-55	133	78	54
2	2.6	3	2.8	5	3.6	PEARL RIVER MS	10	26	39	47	47
		2	6.1	1	2.2	PERRY MS		-63			23
6	5.8	7	5.7	6	3.2	PIKE MS	-2	-43	-44	07	40
3	4.8	5	5.0	3	2.4	PONTOTOC MS	4	-52	-51	06	25
1	1.8	4	3.9	4	2.9	PRENTISS MS	117	-27	59	57	33
1	2.5	1	2.5	4	10.3	QUITMAN MS	-1	306	303	92	97
2	2.4	3	2.8	2	1.1	RANKIN MS	14	-62	-56	04	12
2	3.5	4	5.2	2	2.1	SCOTT MS	50	-60	-39	09	22
		1	5.5			SHARKEY MS					
		2	2.6	5	6.2	SIMPSON MS		141			88
1	1.8	3	4.5	1	1.6	SMITH MS	156	-65	-10	21	16
1	4.0			1	2.7	STONE MS			-32	12	30
1	1.2	2	2.5	4	3.9	SUNFLOWER MS	107	58	227	88	53
1	2.3			2	3.5	TALLAHATCHIE MS			53	55	46
1	2.7	1	1.9	3	4.5	TATE MS	-30	139	68	61	67
1	1.5	2	2.7	3	3.1	TIPPAH MS	85	16	114	74	38
1	1.4	4	5.2	6	5.8	TISHOMINGO MS	269	12	315	93	86
		2	10.9			TUNICA MS					
				5	3.6	UNION MS					49
1	2.5	1	2.5	3	3.8	WALTHALL MS	-1	55	54	55	52
4	4.2	4	2.9	10	5.9	WARREN MS	-29	101	42	49	86
		1	.6	9	5.5	WASHINGTON MS		780			83
1	3.0	3	5.3	3	4.2	WAYNE MS	75	-20	40	48	61
2	3.7			3	4.0	WEBSTER MS			8	30	57
				4*	13.1	WILKINSON MS					98
1	1.3	1	1.5	2	1.9	WINSTON MS	16	26	47	51	20
		1	1.8	2	1.9	YALOBUSHA MS		7			20
3	4.3	1	1.4	5	5.3	YAZOO MS	-69	292	23	39	61
581	2.6	893	3.5	1218	4.1	MISSOURI MO	34	15	54		
4	3.1	8	6.8	6	4.9	ADAIR MO	120	-27	60	58	76
		4	5.5	2	1.9	ANDREW MO		-66			19
2	3.0	3	3.9	8*	9.9	ATCHISON MO	29	150	223	88	97
2	1.5	6	4.1	9	5.5	AUDRAIN MO	177	34	271	91	83
4	3.3	7	5.7	11	5.8	BARRY MO	71	2	74	64	85
1	2.3			5	4.3	BARTON MO			90	68	63
1	.7	5	4.8	5	3.3	BATES MO	561	-33	346	94	40
		2	2.0	3	2.7	BENTON MO		32			29
		2	3.8	5	6.7	BOLLINGER MO		75			91
6	2.5	19*	7.1	22	5.7	BOONE MO	183	-19	129	77	85
13	2.2	24	4.2	29	4.4	BUCHANAN MO	95	4	102	71	64
3	2.0	4	1.9	8	3.0	BUTLER MO	-6	60	50	53	35
3	5.7	3	3.0	4	4.3	CALDWELL MO	-48	46	-24	15	64
2	1.4	10*	6.7	10	5.2	CALLAWAY MO	379	-22	273	91	79
2	3.6	2	2.3	3	2.7	CAMDEN MO	-35	16	-24	15	30
2	.9	12	4.8	16	4.8	CAPE GIRARDEAU MO	421	0	422	96	73
5	4.7	2	1.9	4	3.9	CARROLL MO	-60	107	-17	18	53

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				1	2.7	CARTER MO					30
		6	3.8	8	3.0	CASS MO		-21			35
3	4.7	3	3.6	2	1.5	CEDAR MO	-24	-57	-67	02	16
5	4.8	4	4.0	5	6.1	CHARITON MO	-16	51	28	42	88
2	2.8	7*	8.0	4	3.0	CHRISTIAN MO	190	-62	9	31	36
2	3.0	3	4.3			CLARK MO	43				
8	2.7	14	3.3	24	4.0	CLAY MO	20	22	47	51	56
2	2.5	3	3.4	2	1.7	CLINTON MO	37	-51	-33	12	17
4	2.3	10	4.3	9	3.3	COLE MO	86	-25	40	48	41
3	2.7	1	.8	4	3.3	COOPER MO	-69	292	22	38	42
2	2.8	3	3.5	4	2.7	CRAWFORD MO	28	-22	-1	25	30
		2	3.3	2	3.9	DADE MO		16			53
2	3.3	2	2.4	5	4.4	DALLAS MO	-28	87	35	45	65
2	3.1	2	3.0	4	4.2	DAVIESS MO	-2	39	37	46	60
1	2.8			6	11.3	DE KALB MO			296	92	98
1	1.5	3	3.0	7	6.1	DENT MO	95	104	297	92	88
		2	4.0			DOUGLAS MO					
7	3.7	3	1.3	5	2.2	DUNKLIN MO	-64	68	-40	09	24
6	2.7	3	1.0	14	4.0	FRANKLIN MO	-61	289	50	53	57
2	2.5	2	2.1	4	3.1	GASCONADE MO	-17	50	24	39	37
		6	11.3	2	1.8	GENTRY MO		-84			19
18	2.7	26	3.1	50	4.8	GREENE MO	12	56	74	64	73
6*	6.5	1	.6	7	6.5	GRUNDY MO	-91	1038	-1	25	90
1	1.0	3	2.9	5	3.8	HARRISON MO	197	33	295	92	52
3	2.5	8	4.1	8	4.3	HENRY MO	66	4	73	63	62
		3	6.8	2	4.1	HICKORY MO		-39			59
1	1.2	4	10.4	2	2.8	HOLT MO	766	-73	135	78	32
		1	1.1	4	6.5	HOWARD MO		487			90
1	.8	6	4.6	5	2.6	HOWELL MO	470	-44	221	88	28
		2	3.7	2	2.8	IRON MO		-23			31
108*	3.6	134	3.9	163	4.4	JACKSON MO	9	12	22	38	65
9	1.8	20	3.7	20	3.1	JASPER MO	108	-15	78	65	38
4	2.0	13	3.8	16	3.2	JEFFERSON MO	93	-16	63	60	39
3	2.1	4	2.6	5	3.0	JOHNSON MO	24	13	40	48	35
1	2.2	2	4.0	4	10.5	KNOX MO	83	162	380	95	98
1	.9	1	.8	6	3.3	LACLEDE MO	-18	336	259	90	41
3	2.8	5	3.1	7	3.9	LAFAYETTE MO	11	25	39	47	54
4	2.4	8	4.6	6	2.8	LAWRENCE MO	91	-39	16	34	31
3	4.7	5	8.6	4	5.3	LEWIS MO	81	-39	11	32	80
3	2.7	6	6.3	8	5.1	LINCOLN MO	134	-19	90	68	79
2	1.5	5	3.0	7	4.6	LINN MO	101	52	206	86	70
4	3.6	2	1.2	6	3.4	LIVINGSTON MO	-65	174	-5	23	43
2	2.5			5	4.5	MC DONALD MO			81	66	68
3	2.3	4	2.8	3	1.5	MACON MO	22	-47	-36	10	15
2	3.6	5	7.9	3	3.7	MADISON MO	120	-53	3	27	50
		1	2.4			MARIES MO					
7	4.1	5	2.5	10	4.5	MARION MO	-39	80	10	31	67
		1	4.6	1	2.0	MERCER MO		-57			20
2	2.6	1	.9	7	7.0	MILLER MO	-66	703	173	84	92
2	2.6	1	1.6	1	1.0	MISSISSIPPI MO	-38	-38	-62	03	12
1	.8	4	6.1	5	4.3	MONITEAU MO	629	-30	412	96	63
		4	5.3	3	3.1	MONROE MO		-41			38
3	3.9	6	6.4	2	1.6	MONTGOMERY MO	67	-75	-59	03	16
1	2.2			4	3.6	MORGAN MO			60	58	47
				3	2.5	NEW MADRID MO					27
		4	2.0	6	2.2	NEWTON MO		10			23
3	1.7	2	1.0	5	3.1	NODAWAY MO	-38	205	90	68	38
		1	1.2	4	4.6	OREGON MO		279			69
		1	1.3	4	6.1	OSAGE MO		358			88
				5	8.6	OZARK MO					96
1	.7	3	2.2	4	2.5	PEMISCOT MO	195	16	242	89	28
1	1.4	3	3.2	3	1.9	PERRY MO	136	-40	43	49	20
5	2.3	4	1.5	6	2.8	PETTIS MO	-34	91	26	41	32
		6	4.5	9	4.6	PHELPS MO		3			70
3	2.6	6	4.3	6	4.6	PIKE MO	62	7	73	63	69
1	1.2	6	5.3	4	2.6	PLATTE MO	347	-52	115	74	28
3	2.5	3	3.2	7	4.9	POLK MO	25	54	93	69	75
2	2.3	5	5.6	5	4.7	PULASKI MO	140	-16	103	72	72
6*	10.8	4	9.0	4	6.0	PUTNAM MO	-16	-34	-44	07	87
		3	6.4	1	1.4	RALLS MO		-78			15
6	3.8	5	3.1	8	3.3	RANDOLPH MO	-19	7	-14	19	40
2	1.5	1	.9	4	2.5	RAY MO	-44	187	61	58	27
		1	2.9	2	3.6	REYNOLDS MO		26			49
3	5.5			1	1.0	RIPLEY MO			-82	00	12
4	2.2	7	2.4	16	3.8	ST CHARLES MO	10	58	73	63	52
		1	.9	3	3.9	ST CLAIR MO		318			54
2	3.5	4	6.4	2	1.6	STE GENEVIEVE MO	84	-75	-55	05	16
5	2.3	4	1.9	16	5.5	ST FRANCOIS MO	-17	189	139	79	83
85	3.7	150	4.0	225	4.4	ST LOUIS COUNTY MO	8	12	21	38	67
6	3.5	4	2.5	10	6.2	SALINE MO	-26	143	79	66	88
		2	4.2	5*	9.0	SCHUYLER MO		112			96
				1	1.2	SCOTLAND MO					13
4	2.9	10	5.9	6	3.0	SCOTT MO	105	-49	5	28	36
		3	7.6			SHANNON MO					
3	4.6	7*	9.0			SHELBY MO	96				
5	3.3	1	.7	8	3.6	STODDARD MO	-79	421	11	31	48
1	2.1	2	3.5	3	2.1	STONE MO	67	-38	3	27	22
1	1.1	3	3.8	4	7.1	SULLIVAN MO	231	88	521	97	92
		1	1.0	4	3.0	TANEY MO		199			35
1	1.0	2	1.7	7	4.5	TEXAS MO	69	168	353	94	67
		5	3.4	8	4.4	VERNON MO		32			67
1	1.5	4	6.3	2	2.3	WARREN MO	321	-64	53	55	24
1	1.4	2	2.3	2	2.0	WASHINGTON MO	64	-14	41	48	21
				2	3.8	WAYNE MO					52
3	3.2	4	4.6	3	2.2	WEBSTER MO	43	-53	-32	12	23
1	2.7	1	5.0	2	5.3	WORTH MO	87	6	99	71	80
1	1.0	1	1.0	3	2.7	WRIGHT MO	-8	181	159	82	30
121	3.0	134	3.5	152	4.6	ST LOUIS CITY MO	16	33	54	56	70

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA — ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
79	2.8	112	3.4	138	3.4	MONTANA MT	20	2	22		
		1	2.8	1	1.7	BEAVERHEAD MT		-40			17
		2	8.0	1	3.2	BIG HORN MT		-60			40
1	3.3			2	6.0	BLAINE MT			81	66	87
1	1.7	1	1.5	2	3.4	CARBON MT	-10	122	101	71	44
				1	6.2	CARTER MT					88
10	3.8	10	3.0	13	3.3	CASCADE MT	-22	11	-14	19	41
				2	6.4	CHOUTEAU MT					89
1	1.8	4	5.7	4	5.4	CUSTER MT	222	-5	206	87	82
		1	5.0			DANIELS MT					
1	2.0	1	1.6	3	5.9	DAWSON MT	-21	266	190	85	86
2	2.2					DEER LODGE MT					
1	5.6	1	5.6			FALLON MT	1				
5*	6.7	2	2.6	5	3.8	FERGUS MT	-61	43	-44	07	51
2	1.2	4	2.2	8	3.0	FLATHEAD MT	74	39	143	79	36
4	3.8	6	4.6	8	5.0	GALLATIN MT	21	8	30	43	77
				1	14.1	GOLDEN VALLEY MT					99
		1	6.9			GRANITE MT					
		4	4.4	4	4.5	HILL MT		2			68
				1	4.5	JEFFERSON MT					67
		2*	13.4	1	5.3	JUDITH BASIN MT		-60			81
2	3.2	3	3.8	2	1.8	LAKE MT	19	-53	-45	07	18
1	.9	4	2.3	11	4.8	LEWIS AND CLARK MT	167	108	457	96	74
		1	10.6			LIBERTY MT					
1	4.0	1	1.2	4	5.9	LINCOLN MT	-69	376	47	51	86
1	6.5					MC CONE MT					
2	7.5	3	12.5	2	5.2	MADISON MT	66	-58	-31	13	79
		2*	20.3			MEAGHER MT					
6	3.3	11	4.7	12	4.4	MISSOULA MT	43	-6	34	45	66
3*	11.0	1	3.0	3	8.0	MUSSELSHELL MT	-72	163	-27	14	95
3	5.1	4	5.7	1	1.4	PARK#MT	11	-75	-72	01	15
1	4.2			1	1.4	PHILLIPS MT			-68	02	14
1	2.7	1	3.0	2	5.2	PONDERA MT	10	76	93	70	79
1	2.7			3	7.0	POWELL MT			161	82	92
3	4.5	4	6.0	7	5.8	RAVALLI MT	35	-3	31	44	86
1	2.2	5*	9.2	4	7.3	RICHLAND MT	312	-22	223	88	93
1	2.2	2	5.4	2	4.5	ROOSEVELT MT	147	-17	106	72	69
				1	3.8	ROSEBUD MT					53
1	2.5			1	2.7	SHERIDAN MT			8	30	30
8	3.1	6	2.3	6	2.0	SILVER BOW MT	-26	-14	-36	10	21
		1	2.9			STILLWATER MT					
		2	10.0			SWEET GRASS MT					
1	5.4	1	2.7			TETON MT	-50				
1	1.7	1	2.5	1	3.2	TOOLE MT	45	27	84	67	39
1	2.3	1	2.5	2	3.5	VALLEY MT	11	37	52	54	45
		1	10.5			WIBAUX MT					
12	4.6	17	4.5	16	3.3	YELLOWSTONE MT	-2	-26	-27	14	41
222	3.0	361*	4.2	460*	4.6	NEBRASKA NB	37	10	50		
6	3.1	7	3.7	10	4.1	ADAMS NB	17	12	31	44	59
1	2.7	2	2.5	2	2.8	ANTELOPE NB	-6	12	6	29	32
2	3.8	3	4.4	3	4.3	BOONE NB	14	-1	13	33	64
3	5.6	10*	14.3	5	5.7	BOX BUTTE NB	154	-60	2	26	85
3*	11.8	3*	10.0	3	7.0	BOYD NB	-15	-30	-40	09	92
1	3.0	1	4.4	2	6.5	BROWN NB	46	46	114	74	90
5	3.5	12*	6.7	8	4.3	BUFFALO NB	93	-36	22	38	62
1	1.7	8*	10.6	4	3.2	BURT NB	525	-69	91	69	40
		2	2.7	6	8.7	BUTLER NB		220			96
3	2.5	1	.8	10*	7.5	CASS NB	-70	903	205	86	94
3	4.6	1	1.3	5	5.3	CEDAR NB	-72	316	16	35	81
1	3.4	1	5.3			CHASE NB	56				
2	5.5	2	5.0	4	6.8	CHERRY NB	-9	37	25	40	91
2	3.8	1	1.4	2	3.1	CHEYENNE NB	-63	119	-20	17	37
1	1.3	4	5.0	1	1.5	CLAY NB	288	-70	17	35	15
1	1.2	3	3.2	6	7.6	COLFAX NB	165	138	529	97	94
		2	2.7	6	5.1	CUMING NB		90			78
1	.9	6	5.7	9	6.3	CUSTER NB	526	11	594	98	89
2	4.2	1	1.5	3	3.9	DAKOTA NB	-64	157	-7	22	54
2	4.8	4	7.3	3	5.0	DAWES NB	51	-32	3	27	76
1	.9	7	5.0	2	1.1	DAWSON NB	434	-77	21	38	13
1	5.5					DEUEL NB					
1	2.2	1	1.5	2	2.8	DIXON NB	-29	81	28	42	31
2	1.2	6	2.9	12	4.7	DODGE NB	142	64	297	92	72
53	3.5	67	3.6	114*	5.3	DOUGLAS NB	4	46	52	54	81
		1	3.5	2	9.3	DUNDY NB		167			97
4	6.6	2	2.1	2	5.7	FILLMORE NB	-68	167	-14	19	85
1	2.2	6*	14.5	2	4.0	FRANKLIN NB	554	-72	81	66	57
				2	4.4	FRONTIER NB					65
1	1.9	2	3.4	4	5.0	FURNAS NB	74	48	157	82	77
2	1.2	10	5.3	14	5.9	GAGE NB	360	11	411	96	86
		1	4.1			GARDEN NB					
2*	11.2	1	3.9			GARFIELD NB	-65				
		1	7.5	1	5.4	GOSPER NB		-29			81
7	3.5	14	5.8	14	4.6	HALL NB	66	-21	32	44	70
1	1.7	3	4.1	2	2.9	HAMILTON NB	147	-29	74	64	34
1	4.2	1	3.8	3	6.6	HARLAN NB	-8	72	57	57	90
				1*	38.3	HAYES NB					99
2	2.8	10*	13.3	4	4.1	HOLT NB	367	-69	45	50	59
1	4.6	7*	14.8	3	4.9	HOWARD NB	225	-67	7	30	75
1	1.0	3	3.8	6	6.5	JEFFERSON NB	267	69	520	97	90
3	7.8	1	3.6	3	4.7	JOHNSON NB	-54	32	-39	09	73
		4	7.3	3	6.4	KEARNEY NB		-12			89
2	5.3	5*	10.9	1	1.7	KEITH NB	104	-84	-68	02	17
6*	7.9	1	1.0	3	2.1	KNOX NB	-87	108	-73	01	22
33*	4.4	40	4.5	42	4.0	LANCASTER NB	1	-10	-8	21	57
1	.8	3	1.8	7	4.0	LINCOLN NB	107	127	370	94	56
4	2.6	7	4.2	6	3.3	MADISON NB	63	-22	27	42	41

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1.200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1	2.3	3	7.6	1	1.5	MERRICK	NB	233	-81	-36	10	15
1	3.0	1	2.4	4	7.3	MORRILL	NB	-20	201	140	79	93
2	5.0	2	6.4	3	8.8	NANCE	NB	28	36	74	64	96
1	1.2	3	4.4	6	8.1	NEMAHA	NB	280	84	599	98	95
2	3.5			1	.8	NUCKOLLS	NB			-76	01	11
3	2.7	7	5.2	7	5.7	OTOE	NB	90	11	110	73	85
		2	3.9	3	7.3	PAWNEE	NB		85			93
		3	3.8	3	4.9	PHELPS	NB		29			75
1	2.1	2	6.2	1	1.4	PIERCE	NB	189	-78	-37	10	14
4	3.8	8	5.8	7	4.4	PLATTE	NB	51	-24	15	34	66
2	5.4	2	1.9	4	9.2	POLK	NB	-65	383	69	62	97
2	2.5	3	3.4	3	2.6	RED WILLOW	NB	36	-25	2	26	28
		4	2.9	6	4.0	RICHARDSON	NB		39			57
1	6.7	1	8.3	2	14.8	ROCK	NB	23	79	120	75	99
6*	6.3	5	5.1	1	1.4	SALINE	NB	-19	-73	-78	00	14
1	1.4	1	1.1	7	3.4	SARPY	NB	-18	203	148	81	44
2	2.0	7	7.6	7	5.5	SAUNDERS	NB	275	-28	171	84	83
4	3.1	10	5.2	11	5.0	SCOTTS BLUFF	NB	68	-3	63	59	76
2	2.5	1	1.3	4	3.0	SEWARD	NB	-50	139	18	36	35
1	1.7	3	5.9	2	2.5	SHERIDAN	NB	253	-58	49	52	27
3*	9.9	1	2.5	5*	11.6	SHERMAN	NB	-75	360	17	35	98
1	11.2	1	8.8			SIOUX	NB	-21				
		1	5.3	2	5.2	STANTON	NB		-1			80
1	1.3	1	1.1	3	3.4	THAYER	NB	-19	224	163	83	44
1	4.6	2	5.4	4*	13.5	THURSTON	NB	18	149	193	85	99
		1	2.0	3	5.3	VALLEY	NB		163			80
5*	7.5	1	1.4	3	3.0	WASHINGTON	NB	-82	123	-59	03	36
3	6.0	3	4.9	3	4.6	WAYNE	NB	-19	-6	-24	15	70
1	1.7	2	2.6	3	5.9	WEBSTER	NB	56	121	245	90	86
1	.9	2	1.9	4	3.5	YORK	NB	105	69	288	91	46
19	2.4	40	2.9	89	3.4	NEVADA	NV	20	17	41		
				4	6.0	CHURCHILL	NV					87
2	.7	18	2.9	47	3.5	CLARK	NV	323	18	400	95	45
		1	4.6	4	10.8	DOUGLAS	NV		134			98
2	4.2	1	2.0	3	4.9	ELKO	NV	-53	151	18	36	75
				1*	28.3	EUREKA	NV					99
		1	4.1	1	3.9	HUMBOLDT	NV		-6			53
		1	8.6			LINCOLN	NV					
				1	1.8	LYON	NV					18
				2	6.6	NYE	NV					90
		1	7.0			PERSHING	NV					
13	4.4	12	2.7	22	3.0	WASHOE	NV	-38	11	-31	12	36
1	2.1	1	2.2	2	4.6	WHITE PINE	NV	8	105	121	75	69
1	5.7	4	10.4	2	1.5	ORMSBY-CARSON CITY	NV	82	-86	-74	01	16
96	2.9	130	3.4	160	3.2	NEW HAMPSHIRE	NH	18	-6	12		
4	2.4	4	2.0	13	5.4	BELKNAP	NH	-19	174	123	76	81
1	1.0	4	3.4	7	3.4	CARROLL	NH	233	-1	229	89	42
9	3.9	5	2.0	10	3.0	CHESHIRE	NH	-48	50	-23	16	35
5	2.5	3	1.4	11	4.8	COOS	NH	-43	235	91	69	73
5	1.8	8	2.6	16	4.3	GRAFTON	NH	44	64	137	78	62
35	3.5	47	4.1	37	2.5	HILLSBOROUGH	NH	20	-40	-28	14	27
14	3.2	19	3.9	21	3.3	MERRIMACK	NH	21	-15	3	27	41
11	2.3	17	3.0	28	3.1	ROCKINGHAM	NH	33	4	38	47	38
6	2.0	17	5.0	13	3.1	STRAFFORD	NH	147	-39	50	53	37
6	3.8	6	3.2	4	2.0	SULLIVAN	NH	-17	-36	-46	07	21
744	2.7	1243	3.7	1616	3.9	NEW JERSEY	NJ	34	7	44		
18	2.0	40	4.0	69	5.4	ATLANTIC	NJ	94	36	165	83	82
112	3.4	202*	4.5	247	4.5	BERGEN	NJ	32	0	32	44	68
17	2.4	29	2.8	39	2.7	BURLINGTON	NJ	16	-3	12	32	30
39	2.4	59	2.9	94	3.9	CAMDEN	NJ	20	34	61	59	53
6	2.3	10	2.7	18	3.0	CAPE MAY	NJ	16	14	32	44	36
17	3.5	20	3.4	20	2.8	CUMBERLAND	NJ	-2	-17	-19	17	32
133	2.8	193	4.1	198	4.5	ESSEX	NJ	45	9	58	57	67
8	1.5	24	3.7	32	3.7	GLOUCESTER	NJ	138	1	140	79	50
81	2.4	110	3.0	105	2.9	HUDSON	NJ	25	-6	17	35	33
8	2.8	10	2.9	19	4.5	HUNTERDON	NJ	3	54	58	57	68
34	2.8	54	3.9	65	3.9	MERCER	NJ	36	-1	35	46	53
48	3.2	77	3.7	117	4.1	MIDDLESEX	NJ	16	12	29	43	59
34	2.3	78	3.9	96	3.6	MONMOUTH	NJ	69	-10	53	55	48
31	2.9	57	3.7	68	3.6	MORRIS	NJ	28	-3	24	40	48
5	1.4	40	4.3	62	3.3	OCEAN	NJ	213	-22	144	80	42
57	2.9	74	3.2	95	3.5	PASSAIC	NJ	11	10	22	38	45
3	1.3	11	4.1	10	3.2	SALEM	NJ	219	-23	144	80	39
13	2.5	19	2.5	40	4.2	SOMERSET	NJ	0	65	65	60	60
6	2.6	5	1.6	20	4.0	SUSSEX	NJ	-41	158	53	55	56
62	2.7	113	4.1	160*	5.0	UNION	NJ	49	21	80	66	76
12	3.6	18	4.4	22	4.4	WARREN	NJ	23	1	24	39	66
62	2.6	103	3.0	147	3.2	NEW MEXICO	NM	14	7	22		
14	2.0	35	3.4	49	3.4	BERNALILLO	NM	68	0	68	61	43
5	4.0	4	2.0	6	2.5	CHAVES	NM	-49	22	-38	10	27
2	3.1	2	2.9	3	4.0	COLFAX	NM	-6	39	30	43	55
7*	6.8	4	2.7	9	4.8	CURRY	NM	-60	77	-29	13	74
2*	12.9	1	6.9			DE BACA	NM	-46				
6	4.6	8	4.0	11	3.8	DONA ANA	NM	-13	-5	-17	18	52
5	4.1	7	3.5	12	4.9	EDDY	NM	-15	40	19	36	75
1	1.3	3	3.8	3	2.8	GRANT	NM	203	-26	124	76	32
2*	11.3	1	3.8			GUADALUPE	NM	-67				
1	2.5	9	5.3	7	3.4	LEA	NM	110	-35	36	46	43
		1	2.5	2	4.0	LINCOLN	NM		62			56
		1	1.2	2	5.7	LOS ALAMOS	NM		389			85
1	2.7	1	1.3	3	3.2	LUNA	NM	-51	146	20	37	40
		2	2.7	3	5.0	MC KINLEY	NM		82			76

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
				1	5.4	MORA	NM					82
2	3.5	3	4.3	7	5.3	OTERO	NM	25	22	52	54	80
		2	3.2	2	2.6	QUAY	NM		-20			28
		4	5.3	3	5.1	RIO ARRIBA	NM		-4			77
3	5.2	1	1.2			ROOSEVELT	NM	-76				
				1	2.0	SANDOVAL	NM					21
2	4.4	4	4.6	3	1.8	SAN JUAN	NM	6	-60	-58	04	19
4	4.1	2	1.9	4	4.0	SAN MIGUEL	NM	-55	114	-4	23	55
2	1.3	5	2.4	4	1.3	SANTA FE	NM	89	-45	3	27	14
1	1.4			3	5.6	SIERRA	NM			296	92	84
1	2.1			2	5.4	SOCORRO	NM			153	81	82
		1	1.7			TAOS	NM					
		1	4.0			TORRANCE	NM					
		1	2.9			UNION	NM					
1	1.1			7	4.7	VALENCIA	NM			347	94	72
2779*	3.4	3862*	4.1	4654*	4.5	NEW YORK	NY	21	10	34		
41	2.9	65	3.8	74	3.8	ALBANY	NY	34	-2	31	44	51
9	4.1	11	4.4	7	2.2	ALLEGANY	NY	9	-51	-47	06	23
287*	3.7	294	3.7	340*	4.8	BRONX	NY	1	29	30	43	74
49*	4.6	48	3.8	75	5.4	BROOME	NY	-18	42	16	35	82
17	4.0	25	5.6	17	3.5	CATTARAUGUS	NY	37	-38	-14	19	45
14	3.4	17	3.9	19	3.6	CAYUGA	NY	16	-7	7	30	49
25	3.0	34	3.7	46	4.7	CHAUTAUQUA	NY	22	29	57	57	72
21	4.1	23	4.2	34	5.3	CHEMUNG	NY	2	26	29	43	80
7	2.9	5	1.8	12	3.7	CHENANGO	NY	-39	109	28	42	49
9	3.2	12	4.0	20	5.6	CLINTON	NY	23	42	75	64	84
12	4.0	10	2.8	11	2.4	COLUMBIA	NY	-30	-17	-42	08	25
4	1.9	6	2.9	11	4.4	CORTLAND	NY	53	50	130	77	64
6	2.6	11	4.2	12	3.6	DELAWARE	NY	59	-13	39	47	48
17	1.8	25	2.3	37	2.9	DUTCHESS	NY	26	27	60	58	33
120	2.4	199	3.5	267	4.2	ERIE	NY	42	22	73	63	61
10	5.4	6	2.8	11	4.1	ESSEX	NY	-47	46	-23	15	59
4	1.7	6	2.3	15	5.6	FRANKLIN	NY	38	139	228	89	84
15	4.3	11	2.9	11	2.9	FULTON	NY	-32	-1	-32	12	34
4	1.6	15	5.0	23*	6.4	GENESEE	NY	206	29	296	92	89
7	3.6	6	2.7	14	4.6	GREENE	NY	-23	67	28	42	69
1	4.0	2	7.1	2	5.1	HAMILTON	NY	80	-28	29	43	78
7	2.0	23	5.6	19	4.0	HERKIMER	NY	186	-29	102	71	55
20	3.8	17	3.0	22	3.4	JEFFERSON	NY	-20	13	-10	21	44
461*	3.4	464	3.4	574	4.6	KINGS(BROOKLYN)	NY	0	36	35	46	70
7*	5.7	4	3.3	6	4.4	LEWIS	NY	-42	32	-23	15	65
6	2.5	10	3.7	11	3.6	LIVINGSTON	NY	47	-3	43	49	49
13*	4.8	15	5.1	22*	6.5	MADISON	NY	7	27	36	46	90
114*	3.7	147	4.1	199*	4.9	MONROE	NY	10	20	31	44	74
12	3.9	15	4.4	15	3.4	MONTGOMERY	NY	12	-23	-14	20	43
132	3.0	261	4.1	380*	4.9	NASSAU	NY	34	20	61	58	75
425*	4.7	710*	7.8	439*	5.1	NEW YORK(MANHATTAN)	NY	67	-35	9	31	78
38	3.7	55	4.6	65	4.7	NIAGARA	NY	24	1	25	40	71
37	2.7	56	3.7	69	3.9	ONEIDA	NY	35	5	41	48	53
78*	4.1	79	3.5	123	4.6	ONONDAGA	NY	-15	33	13	33	70
13	3.5	15	3.6	32*	6.1	ONTARIO	NY	2	69	73	63	88
24	2.5	30	2.7	69	5.3	ORANGE	NY	9	96	113	74	80
6	3.5	7	3.2	6	2.3	ORLEANS	NY	-9	-29	-36	10	24
14	3.1	17	3.3	21	3.5	OSWEGO	NY	6	4	11	31	46
12	3.5	20*	5.5	10	2.4	OTSEGO	NY	56	-57	-32	12	25
8*	5.4	6	2.6	15	4.6	PUTNAM	NY	-52	76	-15	19	69
269	2.9	394	3.4	570	4.5	QUEENS	NY	15	34	55	56	69
20	2.5	29	3.2	27	3.0	RENSSELAER	NY	31	-7	21	38	35
32	3.1	49	3.7	55	3.3	RICHMOND	NY	20	-11	7	29	41
14	2.4	40	4.9	42	3.6	ROCKLAND	NY	110	-28	51	54	47
19	3.6	15	2.6	23	3.9	ST LAWRENCE	NY	-28	52	9	31	54
15	3.4	13	2.4	23	3.4	SARATOGA	NY	-31	45	1	26	44
23	2.6	38	3.9	49	4.4	SCHENECTADY	NY	53	12	72	63	66
2	1.4	3	1.7	12	6.9	SCHOHARIE	NY	21	305	390	95	92
2	2.5	2	1.9	3	3.1	SCHUYLER	NY	-21	61	27	41	38
6	3.5	8	4.1	9	4.0	SENECA	NY	15	-1	14	33	57
16	3.1	28	4.9	26	4.0	STEUBEN	NY	58	-17	31	43	56
49	2.1	134	3.4	259	4.6	SUFFOLK	NY	62	36	120	75	70
9	3.7	13	4.3	8	2.1	SULLIVAN	NY	17	-51	-42	08	22
5	3.0	7	3.6	9	3.8	TIOGA	NY	22	5	28	43	52
10	3.6	21*	6.8	10	2.7	TOMPKINS	NY	90	-60	-24	15	30
18	2.9	33	4.3	46	5.0	ULSTER	NY	49	17	74	64	76
5	2.1	10	3.8	14	3.7	WARREN	NY	85	-2	80	66	51
9	3.3	10	3.6	14	4.1	WASHINGTON	NY	8	13	23	38	58
9	2.6	15	3.9	22	4.6	WAYNE	NY	47	20	77	65	70
132*	3.5	205*	4.3	270*	4.9	WESTCHESTER	NY	25	14	42	49	76
3	1.8	10	5.2	4	1.5	WYOMING	NY	196	-72	-17	18	15
6	5.2	3	2.3	4	2.2	YATES	NY	-56	-3	-58	04	23
265	2.0	517	3.0	835	3.5	NORTH CAROLINA	NC	49	19	77		
7	2.6	15	4.2	25	5.2	ALAMANCE	NC	63	24	103	71	80
1	1.8	2	2.8	2	2.0	ALEXANDER	NC	58	-28	14	34	21
1	2.7	1	1.6			ALLEGHANY	NC	-39				
1	1.4	3	3.5	1	.5	ANSON	NC	152	-85	-62	03	10
2	2.0	2	1.6	2	1.5	ASHE	NC	-21	-7	-26	14	15
		1	1.7	1	1.1	AVERY	NC		-34			12
4	3.8	4	2.8	3	2.0	BEAUFORT	NC	-26	-27	-46	07	21
		1	1.7	1	1.5	BERTIE	NC		-13			16
		2	2.3	1	1.0	BLADEN	NC		-54			12
1	2.2			3	2.6	BRUNSWICK	NC			21	38	29
11	1.9	17	2.3	40	4.1	BUNCOMBE	NC	20	77	114	74	57
5	2.4	3	1.1	12	3.7	BURKE	NC	-52	224	56	57	50
4	1.6	13	4.4	10	2.3	CABARRUS	NC	167	-47	41	48	24
1	.6	6	2.4	6	2.1	CALDWELL	NC	270	-10	233	89	22
		1	3.8	1	6.5	CAMDEN	NC		74			90
4	4.3	1	.8	7	4.0	CARTERET	NC	-82	404	-8	21	56
		1	1.8	4	5.6	CASWELL	NC		205			84

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
5	2.0	11	3.5	18	3.9	CATAWBA	NC	77	11	95	70	53
3	3.7	4	3.5	7	4.7	CHATHAM	NC	-5	33	26	41	71
2	2.3	1	1.2			CHEROKEE	NC	-45				
		1	2.8	2	3.3	CHOWAN	NC		19			41
		2	5.8			CLAY	NC					
1	.4	15	5.5	13	3.8	CLEVELAND	NC	1141	-32	749	99	51
3	2.8	4	2.5	8	4.2	COLUMBUS	NC	-10	65	49	52	60
3	2.6	7	4.5	6	3.0	CRAVEN	NC	71	-34	14	33	35
5	2.3	5	1.4	18	3.9	CUMBERLAND	NC	-38	172	68	61	53
				1	2.1	CURRITUCK	NC					22
		3	6.9	2	3.8	DARE	NC		-45			52
5	2.0	7	2.0	14	2.9	DAVIDSON	NC	-1	43	42	49	33
4	6.0	1	1.4	8	6.9	DAVIE	NC	-77	396	14	33	92
				8	5.0	DUPLIN	NC					76
7	2.4	14	3.3	15	2.7	DURHAM	NC	38	-18	13	33	30
2	1.8	9	6.5	9	5.5	EDGECOMBE	NC	261	-16	204	86	63
8	1.7	21	3.0	38	3.9	FORSYTH	NC	74	28	123	76	53
3	4.4	4	4.3	7	6.4	FRANKLIN	NC	-3	49	45	50	69
6	1.6	23	4.3	29	3.7	GASTON	NC	172	-14	135	78	51
1	4.1	1	2.9	1	4.4	GATES	NC	-28	51	9	31	67
				2	5.7	GRAHAM	NC					84
		4	4.1	3	2.3	GRANVILLE	NC		-45			24
		1	2.6			GREENE	NC					
15	2.3	33	3.2	50	3.6	GUILFORD	NC	42	13	61	59	49
2	1.7	5	3.3	7	3.2	HALIFAX	NC	89	-3	83	67	40
2	2.6	8	4.8	5	2.3	HARNETT	NC	84	-53	-13	20	24
4	2.6	5	2.5	5	1.7	HAYWOOD	NC	-4	-31	-34	11	17
6	3.0	10	4.4	11	2.8	HENDERSON	NC	48	-37	-7	22	31
1	2.1	2	3.1	4	5.0	HERTFORD	NC	49	61	139	79	77
		4*	12.3	2	4.7	HOKE	NC		-62			71
		1	4.0			HYDE	NC					
3	1.3	5	1.8	19	5.0	IREDELL	NC	39	182	292	92	77
1	1.4	1	1.1	2	2.0	JACKSON	NC	-20	76	40	48	21
2	1.0	8	3.2	13	4.4	JOHNSTON	NC	207	39	328	93	66
2	2.4	3	2.9	4	2.8	LEE	NC	22	-4	16	35	31
1	1.1	3	2.1	3	1.4	LENOIR	NC	90	-34	26	41	14
3	3.1	4	3.0	11	6.0	LINCOLN	NC	-1	98	96	70	87
		6	4.4	4	2.3	MC DOWELL	NC		-48			24
2	2.6	5	5.3	6	4.2	MACON	NC	102	-22	59	58	60
		3	3.5	1	.8	MADISON	NC		-77			11
2	4.7	2	2.6	5	5.5	MARTIN	NC	-45	114	17	35	83
22	2.9	36	3.4	57	3.8	MECKLENBURG	NC	17	14	34	45	52
		2	2.5	6	5.7	MITCHELL	NC		126			85
		2	2.4	3	3.1	MONTGOMERY	NC		29			37
3	2.2	3	1.8	9	4.2	MOORE	NC	-18	136	95	70	60
2	1.4	10	5.6	10	3.4	NASH	NC	286	-38	138	79	44
4	1.9	8	2.7	9	2.2	NEW HANOVER	NC	44	-19	17	35	24
		5	7.2	5	5.7	NORTHAMPTON	NC		-20			85
		1	1.0	6	3.0	ONSLOW	NC		210			36
2	1.6	3	1.9	7	2.5	ORANGE	NC	17	33	56	56	27
				1	2.4	PAMLICO	NC					26
1	1.3	5	5.3	2	1.6	PASQUOTANK	NC	314	-71	21	37	16
2	4.3	1	1.8	4	5.2	PENDER	NC	-59	198	23	39	80
		2	5.0	1	1.6	PERQUIMANS	NC		-68			17
1	1.3			5	4.0	PERSON	NC			213	87	55
6	4.2	8	4.2	7	2.9	PITT	NC	1	-32	-31	12	33
		4	4.3	6	5.1	POLK	NC		19			78
6	2.9	4	1.5	18	4.2	RANDOLPH	NC	-48	180	44	50	61
2	1.8	7	4.6	3	1.7	RICHMOND	NC	156	-62	-3	24	18
4	2.0	5	2.9	7	3.0	ROBESON	NC	41	4	47	51	35
4	2.0	4	1.4	19	4.8	ROCKINGHAM	NC	-29	237	139	79	74
8	2.8	12	3.0	18	3.4	ROWAN	NC	9	14	24	40	44
3	1.7	3	1.4	11	3.4	RUTHERFORD	NC	-16	138	100	71	43
3	1.8	4	2.5	8	4.1	SAMPSON	NC	41	66	133	78	59
1	2.3	2	2.6	3	3.5	SCOTLAND	NC	13	34	52	54	45
5	3.2	6	3.2	16	6.2	STANLY	NC	0	92	93	69	88
2	2.9	1	1.0	2	1.4	STOKES	NC	-66	39	-53	05	15
2	1.1	7	3.1	10	2.9	SURRY	NC	190	-7	171	84	34
		1	2.1	5*	8.2	SWAIN	NC		289			95
1	1.7	1	1.3	10*	8.5	TRANSYLVANIA	NC	-24	542	391	95	96
6	3.7	4	2.2	8	2.9	UNION	NC	-41	34	-21	17	34
2	2.3	1	.9	4	3.1	VANCE	NC	-59	234	37	47	38
17	3.5	19	3.0	31	3.3	WAKE	NC	-16	12	-7	22	41
1	3.3	1	1.7	3	4.9	WARREN	NC	-47	182	49	53	75
		1	2.9	1	1.7	WASHINGTON	NC		-41			18
1	1.9	3	3.2	2	1.3	WATAUGA	NC	73	-60	-31	13	14
2	1.1	5	2.3	11	3.5	WAYNE	NC	108	50	212	87	45
1	.4	4	2.1	8	2.9	WILKES	NC	375	35	540	97	33
4	2.3	7	3.6	12	5.3	WILSON	NC	58	47	132	77	61
1	1.0	5	4.3	6	3.9	YADKIN	NC	312	-8	281	91	55
		1	1.4	1	1.1	YANCEY	NC		-25			12
82	3.1	119	3.9	163	4.4	NORTH DAKOTA	ND	26	13	42		
		1	4.8	1	3.5	ADAMS	ND		-27			46
1	1.2	3	2.9	8	6.7	BARNES	ND	153	128	477	97	91
1	2.0	2	5.1	3	6.6	BENSON	ND	161	30	239	89	91
				1*	273.2	BILLINGS	ND					99
				5	8.8	BOTTINEAU	ND					96
		1	4.5	1	2.6	BOWMAN	ND		-41			29
1	3.1	1	2.9			BURKE	ND	-5				
2	1.8	8	4.7	12	5.7	BURLEIGH	ND	168	20	222	88	85
13	4.7	12	3.4	28*	6.6	CASS	ND	-28	93	40	47	90
4*	8.8	1	2.6	3	5.0	CAVALIER	ND	-71	95	-43	08	76
3	7.2	4	9.4	3	6.1	DICKEY	ND	30	-35	-15	19	88
1	4.6			2	7.7	DIVIDE	ND			68	61	94
		2	9.8			DUNN	ND					
1	4.3					EDDY	ND					
1	9.3	3	8.5			EMMONS	ND	-8				
1	6.3			2	6.2	FOSTER	ND			-1	25	88

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				1	4.7	GOLDEN VALLEY ND					72
6	3.1	10	4.2	6	2.2	GRAND FORKS ND	34	-47	-29	13	23
		1	4.4			GRANT ND					
1	3.9	1	3.6			GRIGGS ND	-9				
		1	3.7			HETTINGER ND					
1	10.6	1	5.1	3*	11.7	KIDDER ND	-52	130	10	31	98
		1	2.4	1	1.5	LA MOURE ND		-36			16
		1	3.8			LOGAN ND					
1	1.6	1	1.8	2	3.4	MC HENRY ND	15	86	114	74	44
		1	2.9	1	2.1	MC INTOSH ND		-28			22
				2	6.8	MC KENZIE ND					91
1	1.1	3	4.9	2	2.4	MC LEAN ND	341	-51	117	75	26
2	15.0			1	3.4	MERCER ND			-77	00	43
1	1.1	1	1.1	3	2.2	MORTON ND	-4	113	105	72	24
2	3.9	5*	11.2	1	3.2	MOUNTPAIL ND	190	-71	-16	18	40
1	2.0	4	8.2	1	1.2	NELSON ND	309	-85	-40	09	13
				1	11.1	OLIVER ND					98
1	1.7	2	3.0	1	1.2	PEMBINA ND	73	-59	-30	13	13
				2	5.6	PIERCE ND					83
4	6.2	3	4.3	10*	9.5	RAMSEY ND	-31	121	52	54	97
1	1.8	4	8.4	3	6.2	RANSOM ND	358	-26	238	89	88
				2	8.0	RENVILLE ND					95
3	3.4	2	2.3	4	2.5	RICHLAND ND	-33	9	-27	14	26
				1	3.0	ROLETTE ND					36
1	3.2	3	8.6	3	8.0	SARGENT ND	172	-6	155	82	95
1	7.3					SHERIDAN ND					
1*	12.7					SLOPE ND					
4	6.5	3	3.6	6	5.4	STARK ND	-45	51	-18	18	81
1	4.6					STEELE ND					
2	1.8	8	6.3	7	4.0	STUTSMAN ND	259	-36	129	77	57
2	7.9	2	7.2	3	9.7	TOWNER ND	-9	34	23	38	97
		3	4.4	4	4.0	TRAILL ND		-10			56
2	2.1	2	1.9	5	3.7	WALSH ND	-10	94	75	64	50
7	3.8	11	5.4	12	4.7	WARD ND	42	-13	24	39	72
		2	4.4	1	1.6	WELLS ND		-64			17
7*	8.7	5	5.1	5	4.3	WILLIAMS ND	-41	-15	-50	06	63
1242	2.9	1948*	3.9	2399	4.2	OHIO OH	33	7	42		
1	1.0	1	.7	5	3.7	ADAMS OH	-33	449	267	90	50
20	4.4	25	4.7	23	3.7	ALLEN OH	7	-20	-15	19	51
3	1.6	6	2.5	12	4.4	ASHLAND OH	54	73	166	83	65
10	2.2	15	2.9	22	3.6	ASHTABULA OH	31	24	63	59	49
6	2.7	7	2.6	7	2.6	ATHENS OH	-1	-2	-4	23	28
4	2.4	9	4.4	13	5.2	AUGLAIZE OH	81	19	115	74	79
11	2.2	25	4.8	25	4.3	BELMONT OH	114	-10	93	70	63
		8	5.6	9	5.9	BROWN OH		5			86
23	3.2	33	3.6	45	3.8	BUTLER OH	11	7	19	36	52
1	1.0	2	2.0	3	2.1	CARROLL OH	93	8	109	73	22
2	1.5	7	4.3	8	3.9	CHAMPAIGN OH	191	-9	166	83	54
16	2.7	19	2.7	22	2.6	CLARK OH	0	-6	-6	22	28
9	3.7	15	4.4	16	3.7	CLEPMONT OH	20	-17	0	25	50
4	2.9	4	2.4	8	4.5	CLINTON OH	-16	84	56	56	67
11	2.0	20	3.3	31	4.7	COLUMBIANA OH	60	45	132	77	72
7	4.2	5	2.3	16*	6.9	COSHOCTON OH	-46	205	64	60	92
7	2.8	8	3.0	15	4.4	CRAWFORD OH	9	43	56	56	64
226	3.2	338	4.1	366	4.0	CUYAHOGA OH	30	-2	28	42	57
7	2.6	10	3.6	15	4.7	DARKE OH	36	32	80	66	72
3	1.9	9	5.1	10	4.6	DEFIANCE OH	162	-10	137	78	69
3	1.8	13*	6.7	14	6.0	DELAWARE OH	265	-10	228	88	87
12	4.2	17	4.8	19	4.5	ERIE OH	15	-6	8	30	68
2	.7	10	2.7	19	3.8	FAIRFIELD OH	316	39	479	97	52
3	2.5	4	3.1	5	3.4	FAYETTE OH	23	9	34	45	42
85	3.2	128	4.0	167	4.5	FRANKLIN OH	27	10	40	48	67
2	1.2	2	1.0	10	5.3	FULTON OH	-22	459	334	93	81
5	4.1	1	.6	5	3.2	GALLIA OH	-85	406	-22	16	39
8	5.1	11	5.1	9	3.0	GEAUGA OH	1	-41	-40	09	36
12	4.4	13	3.6	22	4.7	GREENE OH	-19	30	6	29	72
4	1.6	5	1.9	7	2.7	GUERNSEY OH	21	43	73	63	30
123	3.1	165	3.7	223	4.5	HAMILTON OH	17	22	43	49	68
4	1.4	15	4.4	15	4.5	HANCOCK OH	208	2	213	87	67
4	2.5	6	3.2	12	6.0	HARDIN OH	27	85	135	78	87
4	3.9	3	2.8	2	1.5	HARRISON OH	-28	-48	-63	03	15
1	.8	8	5.2	9	4.4	HENRY OH	561	-15	461	96	66
6	3.6	6	3.4	4	2.3	HIGHLAND OH	-7	-32	-37	10	24
1	.8	4	3.5	9	7.0	HOCKING OH	319	101	740	99	92
1	.9	4	3.0	4	3.2	HOLMES OH	240	9	271	91	40
2	.8	9	3.6	6	2.1	HURON OH	366	-42	170	83	22
2	1.3	4	2.9	7	4.0	JACKSON OH	133	36	218	88	56
13	3.1	18	3.6	20	3.7	JEFFERSON OH	18	2	21	37	51
5	2.6	7	2.7	7	2.6	KNOX OH	1	-4	-3	24	28
15	3.6	23	3.5	30	3.5	LAKE OH	-3	-2	-5	23	44
7	3.0	8	2.9	13	3.8	LAWRENCE OH	-2	30	27	42	52
13	2.9	26	5.2	25	4.1	LICKING OH	82	-21	43	50	58
2	1.1	7	3.0	13	4.8	LOGAN OH	173	57	329	93	73
16	2.1	40	4.0	47	3.9	LORAIN OH	93	-1	91	69	54
63	3.0	90	3.6	142*	5.3	LUCAS OH	19	49	78	65	81
4	3.5	5	4.4	10	6.3	MADISON OH	26	43	81	66	89
35	2.9	53	3.6	53	3.1	MAHONING OH	26	-16	6	29	37
8	3.1	9	2.8	18	5.2	MARION OH	-8	86	71	62	80
10	4.2	16	4.9	19	4.3	MEDINA OH	16	-12	2	26	62
2	1.5	5	3.3	4	2.4	MEIGS OH	117	-30	53	55	25
4	3.0	2	1.1	4	1.6	MERCER OH	-64	52	-46	07	17
12	3.4	20	4.9	20	4.1	MIAMI OH	43	-16	20	37	58
1	.9	2	2.1	7	6.5	MONROE OH	135	206	620	98	90
65	3.4	114*	4.8	112	4.1	MONTGOMERY OH	41	-16	18	36	58
		3	3.1	3	3.5	MORGAN OH		11			45
2	2.1	5	5.0	6	4.7	MORROW OH	137	-7	121	75	71
10	2.4	11	2.5	16	3.5	MUSKINGUM OH	6	41	49	52	46
1	1.5	3	3.7	5	5.8	NOBLE OH	141	58	281	91	86

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WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
5	2.9	5	2.7	12	5.5	OTTAWA OH	-6	105	93	69	83
2	2.3	4	4.4	2	1.8	PAULDING OH	96	-58	-19	18	19
1	.5	9	5.8	3	1.6	PERRY OH	966	-72	200	86	17
4	2.9	9	5.0	10	5.0	PICKAWAY OH	70	-1	69	62	76
1	1.1			5	4.7	PIKE OH			316	93	71
8	2.2	13	3.2	28	5.4	PORTAGE OH	45	71	148	80	82
6	3.8	5	2.8	10	4.9	PREBLE OH	-25	71	28	42	74
4	2.8	6	4.5	8	4.9	PUTNAM OH	58	9	72	63	74
4	1.0	18	3.2	20	3.1	RICHLAND OH	238	-5	222	88	37
3	1.1	11	3.7	12	3.5	ROSS OH	232	-3	221	88	47
3	1.2	13	3.8	17	5.0	SANDUSKY OH	209	29	300	92	76
15	3.6	23	5.0	29	5.8	SCIOTO OH	40	16	61	59	85
8	2.6	7	2.3	20	5.2	SENECA OH	-9	124	103	72	80
7	4.7	9	4.8	7	3.2	SHELBY OH	2	-33	-32	12	39
56	3.7	71	3.9	88	4.1	STARK OH	7	5	13	32	59
78*	3.6	130*	5.2	142	4.8	SUMMIT OH	42	-7	31	44	73
18	2.1	41	4.2	54	4.4	TRUMBULL OH	96	5	106	72	65
19*	4.9	19	3.9	15	2.7	TUSCARAWAS OH	-21	-30	-44	07	31
3	2.2	15*	11.4	10	6.7	UNION OH	422	-41	206	87	91
10*	6.1	14*	8.3	10	4.4	VAN WERT OH	35	-47	-29	13	65
2	4.3	2	3.5	2	2.9	VINTON OH	-17	-17	-32	12	33
6	2.8	11	4.1	14	3.5	WARREN OH	49	-14	28	42	47
4	1.5	9	2.9	18	5.0	WASHINGTON OH	93	74	236	89	77
14	4.2	20	4.9	22	4.7	WAYNE OH	15	-4	11	32	71
9*	5.8	3	1.8	8	3.6	WILLIAMS OH	-68	97	-38	10	48
6	1.7	16	4.4	15	3.2	WOOD OH	155	-27	87	67	39
3	2.3	4	2.7	5	3.1	WYANDOT OH	20	15	38	47	38
260	2.4	437	3.4	644	4.0	OKLAHOMA OK	39	18	64		
1	1.6	1	1.1			ADAIR OK	-31				
1	1.3	1	1.7			ALFALFA OK	27				
1	1.9					ATOKA OK					
				1	2.8	BEAVER OK					32
1	1.0	5	4.4	6	3.0	BECKHAM OK	335	-33	193	85	34
1	1.6	5	6.4	5	5.0	BLAINE OK	299	-22	213	87	77
2	1.2	2	.9	5	2.1	BRYAN OK	-20	129	83	66	22
4	2.8	4	2.3	5	1.7	CADDO OK	-18	-25	-38	09	17
7	5.6	6	3.9	7	3.5	CANADIAN OK	-31	-10	-37	10	47
6	3.3	4	1.9	12	4.3	CARTER OK	-43	128	30	43	61
2	2.8	3	3.6	4	2.7	CHEROKEE OK	28	-24	-3	24	30
		4	5.4	2	1.9	CHOCTAW OK		-66			19
2*	11.1	1	4.8	4*	16.7	CIMARRON OK	-56	244	51	54	99
5	2.3	6	2.3	13	4.0	CLEVELAND OK	-2	77	72	63	56
		2	4.4			COAL OK					
5	2.8	7	2.7	11	3.2	COMANCHE OK	-3	20	16	34	40
4*	7.8	2	3.0	3	7.8	COTTON OK	-62	160	0	25	94
1	1.4			3	3.7	CRAIG OK			159	82	50
2	.8	8	3.0	15	4.9	CREEK OK	256	62	475	97	74
1	1.0	3	2.6	2	1.6	CUSTER OK	162	-38	62	59	16
2	2.9	2	2.0	5	3.7	DELAWARE OK	-30	79	26	41	49
				4	7.8	DEWEY OK					94
1	2.5	1	1.9	2	3.7	ELLIS OK	-26	96	46	51	50
9	3.5	12	3.7	23	6.3	GARFIELD OK	7	68	80	66	89
3	2.1	9	5.7	6	3.3	GARVIN OK	174	-42	59	58	41
5	2.8	8	4.1	10	4.0	GRADY OK	48	-2	44	50	57
		2	2.2	4	5.6	GRANT OK		155			84
		5	8.6	5	5.2	GREER OK		-40			79
				1	2.6	HARMON OK					28
				2	4.2	HARPER OK					60
				4	4.9	HASKELL OK					75
1	1.2	7	6.5	7	5.4	HUGHES OK	435	-17	342	93	82
2	1.6	4	3.0	5	3.0	JACKSON OK	89	-2	85	67	35
1	1.5	1	1.2			JEFFERSON OK	-18				
1	2.3	2	3.1	2	2.4	JOHNSTON OK	36	-21	8	30	26
9	3.4	14	4.4	12	3.5	KAY OK	27	-20	1	26	45
1	1.4	1	1.1	1	1.0	KINGFISHER OK	-16	-13	-27	14	12
3	3.0	5	4.1	2	1.5	KIOWA OK	38	-65	-51	05	15
				4	6.3	LATIMER OK					89
4	2.2	5	2.5	14	6.0	LE FLORE OK	13	141	171	84	87
1	.8	1	.8	1	.7	LINCOLN OK	7	-12	-6	22	11
1	.7	5	4.6	6	3.3	LOGAN OK	600	-28	405	96	41
1	2.9	1	2.5	2	6.6	LOVE OK	-13	161	127	76	90
1	1.3	5	6.7	1	1.1	MC CLAIN OK	421	-83	-12	20	13
4	3.4	3	2.4	7	4.4	MC CURTAIN OK	-30	86	29	43	66
1	3.9					MC INTOSH OK					
3	6.8	3	5.3			MAJOR OK	-21				
		1	2.6	1	.9	MARSHALL OK		-63			11
1	.9	5	4.1	7	4.4	MAYES OK	328	9	365	94	66
		5	6.8			MURRAY OK					
10	4.0	9	2.6	17	4.9	MUSKOGEE OK	-36	93	24	40	76
2	3.2	2	3.2	4	6.0	NOBLE OK	1	86	88	68	87
1	1.7	1	1.7	5	7.6	NOWATA OK	-2	351	344	94	94
1	1.4	3	5.7	4	5.5	OKFUSKEE OK	320	-4	305	92	83
43	2.8	102*	4.7	129	4.7	OKLAHOMA OK	69	-1	68	61	71
8	4.4	4	1.6	9	4.2	OKMULGEE OK	-63	159	-5	23	61
3	1.8	4	2.5	8	4.4	OSAGE OK	39	77	145	80	66
8	5.6	4	2.2	6	2.8	OTTAWA OK	-60	27	-49	06	32
		6	7.5	4	5.0	PAWNEE OK		-33			77
8	3.9	9	4.1	12	3.5	PAYNE OK	6	-14	-9	21	46
6	2.9	8	3.8	7	2.0	PITTSBURG OK	30	-48	-33	12	20
3	2.0	6	2.9	17*	6.6	PONTOTOC OK	45	126	228	89	91
2	1.0	12	3.9	9	2.5	POTTAWATOMIE OK	305	-35	161	82	27
3	5.1	1	1.4	2	2.1	PUSHMATAHA OK	-73	50	-59	03	21
		2	6.1	2	5.4	ROGER MILLS OK		-11			82
1	1.0	4	3.6	15*	8.2	ROGERS OK	253	126	698	99	95
5	4.0	7	5.0	3	1.7	SEMINOLE OK	24	-66	-58	04	17
3	3.7	4	3.8	4	2.8	SEQUOYAH OK	2	-26	-24	15	31
3	1.8	5	2.5	15	5.0	STEPHENS OK	39	102	180	85	77
3	4.8	1	1.4	5	5.6	TEXAS OK	-70	287	15	34	84

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1	1.1	3	2.8	4	3.6	TILLMAN OK	149	27	217	88	48
32	2.5	52	3.1	91	4.1	TULSA OK	26	32	67	61	58
1	1.4	3	3.4	4	3.0	WAGONER OK	138	-12	110	73	35
6	3.5	8	3.9	18*	6.3	WASHINGTON OK	10	63	80	66	89
2	2.1	2	2.3	3	4.0	WASHITA OK	7	77	90	68	57
2	2.3	2	2.3	2	1.6	WOODS OK	-2	-29	-31	13	16
2	2.2	2	1.8	7	5.9	WOODWARD OK	-18	225	166	83	86
219	2.7	384	3.7	583	4.1	OREGON OR	38	12	55		
		3	3.5	3	1.8	BAKER OR		-47			19
3	2.1	7	4.0	15	5.9	BENTON OR	85	50	177	84	66
9	1.9	25	3.6	42	4.0	CLACKAMAS OR	90	13	113	74	57
10*	6.7	9	5.0	5	2.0	CLATSOP OR	-26	-59	-70	01	21
3	3.1	6	4.4	7	4.0	COLUMBIA OR	42	-9	29	43	56
3	1.6	9	3.5	19	5.4	COOS OR	119	55	239	89	82
		1	3.4	1	1.9	CROOK OR		-44			20
		4	5.8	1	.8	CURRY OR		-87			11
2	2.1	2	1.6	10	4.3	DESCHUTES OR	-26	176	105	72	63
3	1.2	10	3.2	15	3.4	DOUGLAS OR	180	4	192	85	42
1	9.6					GILLIAM OR					
				2	5.3	GRANT OR					80
3*	14.3			1	2.8	HARNEY OR			-81	00	31
		1	1.3	3	3.4	HOOD RIVER OR		171			44
6	1.8	10	2.2	23	3.3	JACKSON OR	27	48	88	68	41
		1	2.5	2	4.6	JEFFERSON OR		82			70
3	2.1	6	3.1	8	2.5	JOSEPHINE OR	50	-20	20	37	27
6	3.5	5	2.8	8	2.7	KLAMATH OR	-21	-3	-23	15	30
				1	2.5	LAKE OR					27
17	2.6	26	3.0	57	4.7	LANE OR	14	56	78	65	71
3	2.5	5	2.9	5	3.0	LINCOLN OR	16	2	19	36	35
3	1.1	12	5.6	25	5.5	LINN OR	222	51	386	95	83
5	6.1	4	3.8	4	2.8	MALHEUR OR	-38	-25	-53	05	32
15	2.5	26	3.1	47	4.3	MARION OR	25	40	75	64	64
1	3.2	1	3.6	2	5.6	MORROW OR	11	56	73	63	84
83	2.9	147	4.3	178	4.4	MULTNOMAH OR	47	2	50	53	65
3	2.2	5	2.9	18*	7.0	POLK OR	29	142	213	87	92
		2*	18.2			SHERMAN OR					
		2	2.0	9	5.9	TILLAMOOK OR		190			86
8	4.0	13	5.4	9	3.1	UMATILLA OR	36	-44	-23	15	36
7*	7.7	4	3.1	4	3.1	UNION OR	-59	-1	-59	03	38
1	2.8					WALLOWA OR					
3	3.4	5	4.3	5	4.2	WASCO OR	25	-2	23	38	60
9	2.4	26	4.9	40	4.0	WASHINGTON OR	108	-18	71	62	56
		1	14.9			WHEELER OR					
9	4.7	6	2.7	14	4.3	YAMHILL OR	-42	56	-10	21	62
1491	2.8	2265	3.6	2836	3.9	PENNSYLVANIA PA	32	8	42		
6	2.6	11	4.0	10	2.7	ADAMS PA	55	-33	5	28	30
211	2.8	301	3.4	412	4.2	ALLEGHENY PA	21	23	50	53	61
15	4.0	14	3.2	28	5.4	ARMSTRONG PA	-21	71	35	45	82
20	2.7	35	3.6	42	3.6	BEAVER PA	33	2	36	46	49
6	3.2	5	2.1	13	4.7	BEDFORD PA	-34	118	45	51	71
39	2.5	60	3.3	84	3.9	BERKS PA	33	17	55	56	53
24	3.0	25	3.0	36	3.7	BLAIR PA	1	23	25	40	50
13	4.5	9	2.9	19	5.4	BRADFORD PA	-35	83	20	37	82
29	3.2	43	2.8	75	3.8	BUCKS PA	-12	34	18	36	51
10	1.9	26	4.2	24	3.0	BUTLER PA	120	-28	58	57	36
22	2.3	35	3.3	51	4.2	CAMBRIA PA	46	27	85	67	60
		3	7.4			CAMERON PA					
7	2.2	5	1.4	19	5.1	CARBON PA	-39	270	127	76	77
11	4.1	10	2.9	19	4.2	CENTRE PA	-30	46	2	27	60
20	2.5	40	3.6	50	3.7	CHESTER PA	47	1	48	52	49
2	1.0	5	2.4	14	6.1	CLARION PA	144	157	527	97	88
3	.7	12	2.6	23	4.7	CLEARFIELD PA	295	78	604	98	71
2	1.1	8	4.2	16*	7.1	CLINTON PA	281	70	546	98	92
9	3.1	10	3.1	17	4.3	COLUMBIA PA	2	39	41	48	64
5	1.2	7	1.7	16	3.1	CRAWFORD PA	43	86	166	83	37
23*	4.3	41*	5.6	39	4.1	CUMBERLAND PA	30	-27	-4	23	59
25	2.3	61	4.7	72	5.1	DAUPHIN PA	103	8	120	75	78
67	2.9	105	3.5	101	2.8	DELAWARE PA	23	-21	-4	24	31
4	2.3	6	3.2	12	5.2	ELK PA	38	65	128	76	79
37	3.3	54	4.0	65	4.2	ERIE PA	24	4	29	43	61
20	2.4	35	3.9	31	2.9	FAYETTE PA	62	-24	24	39	34
		4*	14.6	2	7.0	FOREST PA		-52			92
18	4.3	7	1.5	25	3.9	FRANKLIN PA	-65	166	-8	22	55
3	6.2	2	3.7	6*	9.2	FULTON PA	-40	147	47	51	97
6	2.9	10	4.3	14	5.5	GREENE PA	50	29	94	70	83
4	1.9	8	3.9	13	5.7	HUNTINGDON PA	98	49	194	85	85
5	1.4	10	2.3	19	3.9	INDIANA PA	71	66	183	85	53
5	1.9	5	1.9	14	4.3	JEFFERSON PA	3	124	132	77	63
1	1.5	2	1.9	6	4.9	JUNIATA PA	23	160	220	88	76
18	1.2	53	3.3	64	3.5	LACKAWANNA PA	190	3	200	86	45
34	2.5	74	4.5	90	4.4	LANCASTER PA	80	-2	76	64	65
13	2.6	24	4.0	31	4.4	LAWRENCE PA	52	8	65	60	64
20*	4.8	29*	5.5	36	5.6	LEBANON PA	16	2	18	35	84
39	3.3	47	3.3	46	2.6	LEHIGH PA	-1	-21	-22	16	28
41	1.9	72	3.0	92	3.3	LUZERNE PA	57	10	73	63	41
9	1.5	36	5.4	32	4.4	LYCOMING PA	265	-18	198	86	65
7	2.4	11	3.4	15	3.7	MC KEAN PA	40	10	54	55	51
14	2.3	20	3.0	43	5.5	MERCER PA	27	86	136	78	83
2	.8	7	2.9	13	4.7	MIFFLIN PA	261	66	499	97	73
4	1.8	11	4.3	12	3.2	MONROE PA	147	-26	83	67	40
58	2.6	114	3.6	166	4.1	MONTGOMERY PA	41	13	59	58	58
2	2.4	2	1.7	4	3.2	MONTOUR PA	-28	86	33	45	39
26	2.7	44	3.8	51	3.6	NORTHAMPTON PA	40	-4	34	45	48
16	2.5	17	2.4	36	4.9	NORTHUMBERLAND PA	-5	101	91	69	74
10*	8.6	8	5.3	6	3.7	PERRY PA	-39	-30	-57	04	50
307	3.2	400	4.2	371	3.9	PHILADELPHIA PA	30	-8	20	37	54

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LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
3	5.1	1	1.1	3	2.7	PIKE	PA	-78	144	-46	07	31
4	3.9	6	5.9	5	4.1	POTTER	PA	52	-30	6	29	58
19	1.8	41	3.7	43	3.4	SCHUYLKILL	PA	100	-8	84	67	42
5	4.0	5	3.7	1	.7	SNYDER	PA	-8	-80	-82	00	11
13	3.2	10	2.2	21	4.1	SOMERSET	PA	-31	87	28	43	58
1	3.0	1	2.3			SULLIVAN	PA	-23				
8	4.6	4	2.7	11	4.8	SUSQUEHANNA	PA	-40	76	5	28	74
10*	4.8	9	4.7	7	2.7	TIOGA	PA	-2	-43	-44	08	30
4	3.4	4	3.3	12	6.9	UNION	PA	-4	109	101	71	92
3	.9	14	3.8	14	3.4	VENANGO	PA	323	-10	280	91	43
7	2.5	13	4.7	12	3.7	WARREN	PA	91	-22	48	52	50
28	2.8	40	3.5	38	2.9	WASHINGTON	PA	23	-16	3	27	33
		8	3.6	8	3.0	WAYNE	PA		-17			36
55	3.5	72	3.9	106	4.4	WESTMORELAND	PA	9	15	25	40	66
3	2.8			5	3.4	WYOMING	PA			22	38	44
36	3.1	54	3.8	55	3.0	YORK	PA	24	-21	-3	24	35
142	3.1	182	3.4	258	4.1	RHODE ISLAND	RI	8	21	30		
6	3.5	9	4.3	10	3.6	BRISTOL	RI	23	-17	2	26	48
11	2.3	19	3.0	22	2.7	KENT	RI	30	-12	14	34	29
10	3.3	7	1.9	16	3.6	NEWPORT	RI	-41	89	11	31	48
110	3.3	134	3.5	187	4.4	PROVIDENCE	RI	6	25	32	44	65
5	2.0	13	4.2	23	5.1	WASHINGTON	RI	104	22	150	81	78
140	2.3	263	3.4	398	3.8	SOUTH CAROLINA	SC	44	14	64		
2	3.0	2	2.2	3	3.0	ABBEVILLE	SC	-26	37	1	26	35
3	1.7	2	.8	12	3.4	AIKEN	SC	-53	327	101	71	43
4*	18.2			1	2.8	ALLENDALE	SC			-84	00	32
6	1.9	12	2.7	24	4.1	ANDERSON	SC	43	49	113	74	58
1	3.6	1	2.7	1	1.9	BAMBERG	SC	-27	-27	-47	07	20
2	5.1	2	3.8	4	6.5	BARNWELL	SC	-25	73	29	43	90
		2	2.0	6	4.4	BEAUFORT	SC		116			64
1	1.5			6	3.3	BERKELEY	SC			112	73	40
		1	3.7	1	5.4	CALHOUN	SC		47			82
8	2.0	24	4.0	38	5.1	CHARLESTON	SC	100	26	151	81	77
1	.9	5	3.4	9	4.8	CHEROKEE	SC	262	44	419	96	74
2	2.2	3	3.3	6	4.7	CHESTER	SC	50	41	111	73	72
4	4.9	7	6.2	6	4.3	CHESTERFIELD	SC	28	-31	-11	20	63
1	2.3	1	1.7	3	4.4	CLARENDON	SC	-27	164	94	70	65
		1	1.2	5	5.0	COLLETON	SC		299			77
1	.7	6	4.1	5	2.3	DARLINGTON	SC	456	-44	210	87	24
2	3.3	1	1.3	4	3.9	DILLON	SC	-62	211	18	36	54
		1	1.5	6	4.6	DORCHESTER	SC		210			70
		1	2.1	1	1.9	EDGEFIELD	SC		-9			20
1	2.4	4	8.0	1	2.4	FAIRFIELD	SC	230	-70	-1	25	25
4	2.5	4	1.5	13	4.1	FLORENCE	SC	-41	181	65	60	59
		3	4.3	4	3.7	GEORGETOWN	SC		-12			51
21	3.0	37	4.2	45	3.8	GREENVILLE	SC	39	-12	23	39	51
2	1.2	7	3.8	17*	7.0	GREENWOOD	SC	221	84	490	97	92
1	2.8	2	4.8	3	5.3	HAMPTON	SC	68	11	87	67	81
2	1.5	9	4.2	13	3.9	HORRY	SC	193	-8	168	83	54
		2	7.6	1	2.7	JASPER	SC		-65			29
4	4.6	5	4.3	7	5.7	KERSHAW	SC	-5	32	26	41	85
5	3.9	4	3.0	8	4.2	LANCASTER	SC	-23	37	6	29	60
5	3.3	1	.5	5	2.0	LAURENS	SC	-86	322	-40	09	21
		1	2.3	2	4.0	LEE	SC		72			55
2	1.3	14	5.2	14	3.5	LEXINGTON	SC	295	-32	170	83	47
1	1.1	3	3.7	3	3.0	MARION	SC	241	-19	178	84	35
2	2.4	3	3.6	1	.9	MARLBORO	SC	49	-76	-64	02	11
1	1.0	4	3.2	2	1.3	NEWBERRY	SC	212	-60	25	40	14
4	2.5	7	4.0	7	3.2	OCONEE	SC	58	-20	27	42	39
3	2.4	5	2.9	7	3.1	ORANGEBURG	SC	21	6	28	42	38
1	.5	7	3.2	16	5.3	PICKENS	SC	502	64	886	99	80
13	2.8	21	3.2	19	2.4	RICHLAND	SC	14	-25	-15	19	25
1	2.4	3	5.7	3	3.5	SALUDA	SC	135	-39	44	50	45
10	1.7	19	2.8	39	4.3	SPARTANBURG	SC	62	54	150	81	64
3	2.6	8	5.5	5	2.7	SUMTER	SC	113	-51	5	28	30
2	2.1	5	4.5	5	3.2	UNION	SC	112	-29	51	53	39
5*	8.5	2	2.8	2	2.8	WILLIAMSBURG	SC	-67	-1	-67	02	31
9	4.1	11	3.9	15	4.0	YORK	SC	-6	4	-2	24	57
91	2.9	153	4.2	193	4.6	SOUTH DAKOTA	SD	42	10	57		
1	4.0	3*	10.4			AURORA	SD	158				
2	2.0	6	5.0	4	2.3	BEADLE	SD	144	-53	15	34	25
				1	14.9	BENNETT	SD					99
2	4.1	4	7.3	2	3.8	BON HOMME	SD	79	-48	-6	22	52
6*	6.9	3	2.6	4	4.2	BROOKINGS	SD	-62	59	-39	09	60
7	4.2	12	6.3	15	6.2	BROWN	SD	51	-3	47	51	88
				5*	14.0	BRULE	SD					99
1	1.8	2	4.1	3	5.2	BUTTE	SD	130	27	191	85	79
				1	8.0	CAMPBELL	SD					95
2	3.5	2	3.7	2	1.7	CHARLES MIX	SD	5	-53	-50	06	18
1	3.5	3	6.8	1	2.1	CLARK	SD	94	-68	-39	09	22
2	3.3	2	3.6	7*	13.1	CLAY	SD	10	263	299	92	99
3	2.9	7	6.4	6	4.4	CODINGTON	SD	124	-32	53	55	65
				1	7.0	CORSON	SD					92
		2	7.4			CUSTER	SD					
6*	6.5	6	5.6	10	7.2	DAVISON	SD	-14	29	11	32	93
1	1.5	3	3.9	4	6.9	DAY	SD	154	76	347	94	92
2	5.9	1	2.4	3	6.4	DEUEL	SD	-60	169	9	31	90
1	10.2			1	9.8	DEWEY	SD			-4	23	97
2	6.2	1	3.6			DOUGLAS	SD	-42				
		2	6.7	2	5.3	EDMUNDS	SD		-21			81
1	1.8	2	3.8	2	2.5	FALL RIVER	SD	113	-36	38	47	27
1	4.4			1	5.3	FAULK	SD			20	37	80
1	2.0	3	4.9	2	4.0	GRANT	SD	150	-19	103	71	56
		1	1.8	1	1.7	GREGORY	SD		-6			17

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				2	14.1	HAAKON	SD					99
3*	6.9	1	1.9			HAMLIN	SD	-73				
1	3.5	2	4.3	3	8.4	HAND	SD	24	96	144	80	95
		2	9.2	2	5.9	HANSON	SD		-36			86
				1	9.9	HARDING	SD					97
3	7.2	2	3.4	2	2.2	HUGHES	SD	-52	-35	-69	01	24
1	1.5	5	7.3	4	3.8	HUTCHINSON	SD	364	-47	154	81	52
		1	6.6	1	4.4	HYDE	SD		-34			65
		1	8.8			JACKSON	SD					
				1	2.9	JERAULD	SD					34
1	10.1			1	13.4	JONES	SD			32	44	99
4*	8.0	3	5.4	1	2.6	KINGSBURY	SD	-33	-52	-68	01	28
		4	5.6			LAKE	SD					
		2	2.1	4	3.0	LAWRENCE	SD		42			36
3	4.3	2	2.4	4	4.5	LINCOLN	SD	-44	68	5	28	68
		1	5.2	1	4.5	LYMAN	SD		-13			69
		2	5.0			MC COOK	SD					
				1	2.3	MC PHERSON	SD					24
1	2.6	1	2.5	2	4.9	MARSHALL	SD	-5	94	84	67	75
2	4.3	1	1.9	4	5.1	MEADE	SD	-57	173	17	35	78
				1	14.8	MELLETTE	SD					99
2	8.9	2	5.0	2	15.1	MINER	SD	-44	205	71	62	99
14	3.7	21	4.3	27	4.3	MINNEHAHA	SD	17	1	17	35	63
		3	6.4	4	7.9	MOODY	SD		25			95
3	2.1	9	3.8	13	4.4	PENNINGTON	SD	81	16	111	73	65
1	4.2			2	6.2	PERKINS	SD			49	53	88
		1	4.4	3	10.2	POTTER	SD		133			97
1	1.7	3	4.1			ROBERTS	SD	137				
				2	10.7	SANBORN	SD					98
		2*	64.2			SHANNON	SD					
3	4.9	3	4.0	8*	12.0	SPINK	SD	-19	201	144	79	98
		3*	44.0	1	10.5	STANLEY	SD		-76			98
1	9.7	1	10.2			SULLY	SD	5				
				1	13.5	TODD	SD					99
		1	2.0			TRIPP	SD					
1	1.4	2	4.9	6	5.9	TURNER	SD	263	20	335	93	86
		1	1.3	6	9.5	UNION	SD		627			97
1	2.5	1	2.1	1	1.3	WALWORTH	SD	-16	-39	-49	06	14
3	3.5	5	5.0	4	3.6	YANKTON	SD	42	-28	3	27	49
327	2.5	497	3.0	830	3.8	TENNESSEE	TN	21	28	55		
3	1.8	11	3.8	8	2.2	ANDERSON	TN	115	-41	26	41	23
3	2.7	3	2.6	11	7.3	BEDFORD	TN	-3	165	175	84	93
1	1.5			4	4.8	BENTON	TN			212	87	73
				2	4.0	BLEDSOE	TN					55
6	2.6	6	2.1	22	5.6	BLOUNT	TN	-18	168	120	75	84
3	1.8	11	6.1	7	2.3	BRADLEY	TN	242	-62	31	44	25
4	3.3	2	1.3	5	2.5	CAMPBELL	TN	-61	89	-26	14	27
3	7.1			5	6.9	CANNON	TN			-3	24	92
3	2.7	2	1.1	5	2.5	CARROLL	TN	-61	136	-7	22	27
6	4.0	4	1.8	5	1.8	CARTER	TN	-56	1	-56	04	18
2	5.5			4	5.6	CHEATHAM	TN			1	26	84
		2	4.7	6*	8.1	CHESTER	TN		73			95
2	2.3	6	5.9	2	1.7	CLAIBORNE	TN	156	-71	-25	15	18
				3	5.1	CLAY	TN					78
4	3.8	4	3.4	3	2.1	COCKE	TN	-10	-39	-46	07	22
2	1.9	8	5.8	6	2.9	COFFEE	TN	199	-51	47	51	33
1	1.2			3	4.3	CROCKETT	TN			257	90	63
1	1.1	1	.9	5	3.9	CUMBERLAND	TN	-12	318	267	91	53
44	3.1	64	3.6	118*	5.2	DAVIDSON	TN	14	44	65	60	79
				2	3.5	DECATUR	TN					45
1	1.5					DE KALB	TN					
4	5.0	4	3.5	6	3.5	DICKSON	TN	-31	0	-31	13	45
1	.8	6	3.4	5	2.8	DYER	TN	346	-17	270	91	31
				3	4.4	FAYETTE	TN					66
				1	1.0	FENTRESS	TN					12
9*	8.8	8	6.5	8	4.5	FRANKLIN	TN	-26	-31	-49	06	68
4	1.7	5	1.9	19	5.8	GIBSON	TN	16	199	247	90	85
2	1.9	1	1.0	3	1.8	GILES	TN	-47	77	-7	22	18
2	4.3	3	4.5	1	1.2	GRAINGER	TN	6	-73	-72	01	13
1	.6	4	2.0	13	4.2	GREENE	TN	227	116	608	98	61
		1	2.0	3	4.0	GRUNDY	TN		101			55
4	3.4	4	2.5	4	1.7	HAMBLEN	TN	-25	-31	-49	06	18
27	3.2	34	3.2	76*	5.5	HAMILTON	TN	0	71	71	62	83
1	3.4	1	2.8			HANCOCK	TN	-18				
		1	.9	2	1.5	HARDEMAN	TN		73			16
1	1.4	4	4.2	4	3.4	HARDIN	TN	205	-20	145	80	42
4	3.3	4	2.7	9	4.2	HAWKINS	TN	-18	54	27	42	60
3	5.9	1	1.8	4	5.5	HAYWOOD	TN	-70	211	-6	22	83
		1	1.1	4	4.0	HENDERSON	TN		254			57
4	3.3	1	.6	3	1.4	HENRY	TN	-82	134	-58	04	15
				1	1.1	HICKMAN	TN					13
		1	1.6	3	3.1	HUMPHREYS	TN		93			37
2	3.6	3	5.3	3	4.6	JACKSON	TN	46	-13	27	41	69
2	2.3	6	5.7	2	1.1	JEFFERSON	TN	148	-82	-55	05	12
2	3.3	2	3.2	1	1.2	JOHNSON	TN	-3	-62	-63	02	13
19	2.0	55	4.3	63	3.8	KNOX	TN	114	-11	90	68	51
1	2.8	1	2.6	1	2.5	LAKE	TN	-6	-6	-11	20	26
1	1.6			5	4.8	LAUDERDALE	TN			205	86	74
3	2.3	6	3.6	4	2.0	LAWRENCE	TN	59	-43	-10	21	21
		1	2.5			LEWIS	TN					
				2	1.2	LINCOLN	TN					13
		2	1.5	5	2.9	LOUDON	TN		95			34
3	2.1	3	1.6	9	4.4	MC MINN	TN	-25	177	107	72	66
1	1.2	3	3.4	1	1.0	MC NAIRY	TN	177	-71	-20	17	12
2	3.2	3	3.4	1	1.2	MACON	TN	7	-65	-62	03	13
2	1.1	9	3.0	16	4.2	MADISON	TN	168	43	284	91	61
		2	2.1	3	2.4	MARION	TN		16			26
1	1.0	3	2.9	8	5.1	MARSHALL	TN	182	73	389	95	78

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
6	3.7	3	1.7	13	4.9	MAURY	TN	-54	183	31	44	75
		1	4.5	3	9.6	MEIGS	TN		116			97
		4	3.5	5	3.5	MONROE	TN		0			46
5	3.2	6	3.3	9	3.3	MONTGOMERY	TN	6	0	6	29	42
		1	4.8	4*	18.6	MOORE	TN		284			99
1	1.4	1	1.4	1	1.0	MORGAN	TN	7	-32	-27	14	12
1	.7	5	2.7	11	5.1	OBION	TN	275	87	601	98	78
				1	.8	OVERTON	TN					11
		2	5.1	2	4.0	PERRY	TN		-22			56
		1	4.9	1	4.1	PICKETT	TN		-15			59
				1	1.4	POLK	TN					15
7	5.1	3	1.5	6	2.6	PUTNAM	TN	-70	71	-49	06	29
1	1.2	2	2.5	6	4.9	RHEA	TN	119	95	326	93	75
5	3.1	5	2.8	15	6.5	ROANE	TN	-11	132	106	72	90
1	.9	8	5.8	6	3.6	ROBERTSON	TN	550	-37	309	93	49
5	3.3	9	4.0	9	3.1	RUTHERFORD	TN	23	-24	-7	22	37
1	1.4	3	3.8	1	1.0	SCOTT	TN	180	-73	-25	15	12
				3	6.2	SEQUATCHIE	TN					88
2	1.6	3	2.2	5	2.7	SEVIER	TN	32	25	64	60	29
56	3.7	67	3.2	106	4.2	SHELBY	TN	-13	31	14	33	60
		3	3.9	5	5.3	SMITH	TN		36			80
				2	3.4	STEWART	TN					43
14	3.5	21	3.8	20	2.7	SULLIVAN	TN	7	-28	-23	15	30
4	2.7	9	4.3	13	4.1	SUMNER	TN	61	-5	53	55	59
1	1.1	4	4.1	6	4.7	TIPTON	TN	274	15	329	93	72
1	4.0			4*	11.3	TROUSDALE	TN			182	85	98
1	1.3	2	2.4	4	4.3	UNICOI	TN	83	75	220	88	62
1	2.6	4*	9.1	3	5.5	UNION	TN	257	-40	114	74	83
1	.8	4	3.0	10	5.6	WARREN	TN	293	91	651	98	84
5	2.0	5	1.4	12	2.4	WASHINGTON	TN	-29	74	24	39	26
				1	1.3	WAYNE	TN					14
3	2.0	3	1.5	4	2.0	WEAKLEY	TN	-22	32	2	27	21
5*	7.0	3	3.3	3	3.2	WHITE	TN	-53	-4	-55	05	39
		6	4.5	6	3.3	WILLIAMSON	TN		-27			41
5	4.3	2	1.2	7	3.0	WILSON	TN	-71	144	-29	13	36
860	2.5	1554	3.5	2347	4.1	TEXAS	TX	38	16	60		
2	1.4	11*	6.1	16*	9.1	ANDERSON	TX	334	48	542	97	96
		1	4.3	3	5.7	ANDREWS	TX		35			85
1	.5	4	2.2	11	4.3	ANGELINA	TX	292	101	688	99	63
		1	1.9	2	2.7	ARANSAS	TX		40			29
				2	4.0	ARCHER	TX					56
		1	5.5	1	6.6	ARMSTRONG	TX		19			91
1	1.6	2	2.0	5	3.8	ATASCOSA	TX	27	93	145	80	52
5*	8.3	4	5.2	4	4.4	AUSTIN	TX	-37	-15	-46	07	66
		1	2.2			BAILEY	TX					
1	3.5	1	2.1	2	4.3	BANDERA	TX	-38	100	23	39	62
2	2.2	4	3.8	5	4.8	BASTROP	TX	74	26	120	75	74
3*	8.2	1	2.6			BAYLOR	TX	-68				
2	1.8	1	1.3	1	.7	BEE	TX	-28	-48	-62	03	11
9	2.9	13	3.5	23	4.4	BELL	TX	17	28	50	53	66
60	2.6	140*	4.5	202*	5.0	BEXAR	TX	75	13	97	70	77
2	6.9			1	2.9	BLANCO	TX			-58	03	33
3	4.6	2	1.6	4	2.8	BOSQUE	TX	-64	74	-38	09	32
4	1.8	16	5.6	10	2.9	BOWIE	TX	214	-49	61	58	33
5	2.5	10	2.9	13	2.8	BRAZORIA	TX	16	-3	12	32	32
3	2.4	8	5.0	14	6.1	BRAZOS	TX	110	22	157	82	87
		1	6.1	1	9.2	BRISCOE	TX		51			96
		5*	16.9			BROOKS	TX					
7	3.5	7	3.4	12	4.4	BROWN	TX	-4	31	25	40	66
2	4.1	2	4.8	2	2.6	BURLESON	TX	15	-45	-37	10	29
2	3.6	2	2.1	6	6.2	BURNET	TX	-43	197	69	62	88
		3	3.3	2	1.9	CALDWELL	TX		-43			19
3*	6.8	2	5.1	3	4.4	CALHOUN	TX	-24	-15	-35	11	65
		2	2.5	6	8.7	CALLAHAN	TX		246			96
11	2.6	21	3.7	25	3.2	CAMERON	TX	44	-12	26	41	40
1	2.9	3	6.0	1	1.5	CAMP	TX	104	-74	-48	06	16
2	8.4			1	2.4	CARSON	TX			-72	01	25
1	1.2	2	1.8	4	2.3	CASS	TX	48	27	88	68	24
		2	5.4	1	2.8	CASTRO	TX		-49			31
1	2.1			4	7.3	CHAMBERS	TX			245	89	93
2	1.1	7	3.1	9	3.1	CHEROKEE	TX	170	1	172	84	37
3	5.9	3	5.9	3	3.3	CHILDRESS	TX	-1	-44	-44	07	42
2	3.4	4	7.2	1	1.7	CLAY	TX	109	-76	-49	06	18
				2	9.9	COCHRAN	TX					97
5	4.9	2	1.9	4	4.1	COLEMAN	TX	-62	120	-17	18	58
4	1.6	14	5.0	19	4.4	COLLIN	TX	211	-13	171	83	65
		1	4.7	1	1.9	COLLINGSWORTH	TX		-59			20
4	5.6	4	4.1	6	3.9	COLORADO	TX	-27	-3	-29	13	55
4	4.5	5	3.5	4	2.2	COMAL	TX	-23	-37	-52	05	23
2	1.6	4	3.4	4	2.9	COMANCHE	TX	109	-16	76	64	33
		1	6.8			CONCHO	TX					
1	.8	7	4.9	4	2.5	COOKE	TX	532	-48	225	88	28
1	1.1	5	4.1	8	5.6	CORYELL	TX	272	35	401	95	84
				1	3.4	COTTLE	TX					43
		1	5.3	1	4.3	CRANE	TX		-20			62
1	3.5			1	5.6	CROCKETT	TX			61	58	84
3	6.1	1	1.9	2	4.0	CROSBY	TX	-68	106	-35	11	56
				1	10.1	CULBERSON	TX					97
		1	2.8	1	2.8	DALLAM	TX		-3			31
68	2.9	151	3.5	253	4.5	DALLAS	TX	20	29	55	56	67
1	1.6	3	3.8	2	1.8	DAWSON	TX	140	-52	16	34	18
		2	3.2	5	6.7	DEAF SMITH	TX		109			91
2	3.9	3	5.0	1	1.3	DELTA	TX	29	-74	-67	02	14
2	1.0	7	2.4	15	3.5	DENTON	TX	135	47	247	90	45
1	.9	4	2.7	9	6.9	DE WITT	TX	199	150	649	98	92
		2	10.1	3	8.8	DICKENS	TX		-12			96
1	2.9					DIMMIT	TX					
1	3.6	2	5.7	2	3.6	DONLEY	TX	59	-38	-1	25	47

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0..1..8..9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
		2	3.5	2	2.6	DUVAL TX		-26			29
2	1.3	3	1.5	6	2.9	EASTLAND TX	20	91	129	77	33
1	.2	5	1.3	17	4.2	ECTOR TX	544	234	2049	99	61
				1	6.0	EDWARDS TX					87
6	2.8	8	2.8	13	4.1	ELLIS TX	2	46	49	53	59
18	2.1	36	3.1	61	4.7	EL PASO TX	45	50	118	75	71
2	1.6	4	2.4	9	3.8	ERATH TX	50	57	134	78	52
5	4.6	2	2.0	2	1.3	FALLS TX	-57	-35	-72	01	14
5	3.9	9	4.9	7	4.3	FANNIN TX	26	-12	10	31	62
5	3.4	4	2.4	9	5.0	FAYETTE TX	-28	107	49	53	77
				3	5.2	FISHER TX					79
1	1.9	3	4.8	2	3.5	FLOYD TX	157	-27	88	68	46
		1	6.9			FOARD TX					
3	2.3	4	2.7	13	5.1	FORT BEND TX	19	86	121	75	78
				4	6.3	FRANKLIN TX					89
1	1.6	3	3.6	1	.8	FREESTONE TX	122	-78	-51	06	11
		2	3.8	1	1.9	FRIO TX		-51			19
				3	6.7	GAINES TX					91
17	4.0	18	3.2	29	4.0	GALVESTON TX	-20	25	1	26	57
		2	7.3	1	3.2	GARZA TX		-56			39
2	3.1	2	2.8	5	4.9	GILLESPIE TX	-11	76	57	57	74
				1*	13.2	GLASSCOCK TX					99
		1	2.8	2	4.7	GOLIAD TX		66			71
3	3.1	2	2.3	6	5.4	GONZALES TX	-26	133	72	63	81
2	1.5	2	1.5	7	3.7	GRAY TX	-3	149	143	79	50
8	2.2	14	2.8	30	4.8	GRAYSON TX	30	72	123	76	74
2	.8	4	1.2	14	3.3	GREGG TX	53	175	321	93	42
		2	3.1			GRIMES TX					
2	2.0	1	.7	8	3.7	GUADALUPE TX	-65	445	90	68	50
4	3.1	9	5.5	8	4.4	HALE TX	81	-21	43	49	65
		2	4.2	3	8.6	HALL TX		103			96
3	3.9	2	2.3	2	1.4	HAMILTON TX	-41	-36	-63	03	15
				2	6.4	HANSFORD TX					69
2	3.7	3	4.3	6*	8.5	HARDEMAN TX	18	97	132	77	95
3	4.1	4	3.6	6	3.5	HARDIN TX	-12	-5	-16	19	45
98	3.1	196	4.1	270	4.1	HARRIS TX	33	0	33	45	59
		10	5.5	11	5.1	HARRISON TX		-8			78
				1	1.7	HARTLEY TX					18
1	1.6	3	3.9	3	3.3	HASKELL TX	143	-17	103	71	41
3	3.5	3	3.0	2	1.5	HAYS TX	-16	-50	-58	04	15
1	5.5			2	7.9	HEMPHILL TX			44	50	94
1	1.1	2	1.3	6	2.5	HENDERSON TX	25	90	138	79	27
9	1.3	20	2.9	28	3.0	HIDALGO TX	122	1	125	76	35
7	5.8	8	5.2	11	4.7	HILL TX	-9	-10	-18	18	72
		5	6.2	1	1.0	HOCKLEY TX		-83			12
		2	5.6			HOOD TX					
2	2.3	5	5.0	4	2.9	HOPKINS TX	113	-42	23	39	33
1	1.2	2	2.0	3	2.9	HOUSTON TX	69	44	144	79	33
1	.6	2	1.4	7	3.7	HOWARD TX	111	170	469	96	50
				1	11.6	HUDSPETH TX					98
2	.9	11	4.0	10	2.8	HUNT TX	330	-29	205	86	31
		6	5.6	6	4.5	HUTCHINSON TX		-20			68
				1	9.0	IRION TX					96
2	3.5			1	1.2	JACK TX			-66	02	13
		3	5.0	3	4.0	JACKSON TX		-20			57
		2	2.1	4	2.8	JASPER TX		35			31
1*	15.2					JEFF DAVIS TX					
17	2.2	41	4.7	52	4.7	JEFFERSON TX	109	1	111	73	72
		2	9.3			JIM HOGG TX					
		5	3.7	2	1.3	JIM WELLS TX		-66			13
5	2.5	8	3.0	25*	7.6	JOHNSON TX	22	152	207	87	94
1	1.0	4	3.6	8	5.5	JONES TX	262	51	446	96	83
				5	5.0	KARNES TX					77
7	4.5	9	5.7	7	3.1	KAUFMAN TX	26	-45	-31	12	37
				2	2.7	KENDALL TX					30
		1*	38.2			KENEDY TX					
		1	10.2	1	7.2	KENT TX		-29			93
3	3.1	7	4.8	5	1.7	KERR TX	54	-65	-46	07	17
1	3.3	1	3.5			KIMBLE TX	7				
				1	12.4	KINNEY TX					98
		1	.8	3	4.3	KLEBERG TX		417			62
1	2.5	1	1.5	2	1.9	KNOX TX	-41	30	-23	15	19
7	3.5	12	5.1	15	5.7	LAMAR TX	43	14	62	59	85
2	2.2	7	7.2	2	1.5	LAMB TX	228	-79	-31	13	16
1	2.0	5	9.6	5	6.1	LAMPASAS TX	390	-37	209	87	87
1	3.8	1	3.5	2	7.4	LA SALLE TX	-9	114	94	70	93
2	1.3	5	3.1	7	4.4	LAVACA TX	136	42	234	89	64
1	2.1	2	3.9			LEE TX	87				
		1	2.0	2	2.4	LEON TX		19			25
1	.7	2	1.4	5	2.5	LIBERTY TX	95	88	268	91	28
3	3.4	3	1.7	5	2.6	LIMESTONE TX	-49	50	-23	15	28
		1	4.0	1	6.2	LIPSCOMB TX		54			88
1	2.6			1	3.3	LIVE OAK TX			28	42	42
		2	4.3	7	8.1	LLANO TX		90			95
10	2.0	21	3.6	28	3.4	LUBBOCK TX	78	-5	68	61	44
		1	2.4			LYNN TX					
2	2.9			1	.8	MC CULLOCH TX			-73	01	11
12	2.0	21	2.8	29	3.1	MC LENNAN TX	40	10	54	55	37
1*	17.2					MC MULLEN TX					
				1	1.4	MADISON TX					14
		3	10.3	1	2.0	MARION TX		-81			21
		3*	12.4	4*	17.3	MARTIN TX		39			99
				1	4.6	MASON TX					70
3	4.3	5	4.5	5	3.4	MATAGORDA TX	5	-25	-21	17	43
		1	1.7	1	1.3	MAVERICK TX		-28			14
4	5.0	4	4.1	3	2.1	MEDINA TX	-19	-48	-58	04	22
		1	3.7			MENARD TX					
2	1.0	7	3.6	5	1.7	MIDLAND TX	263	-51	78	65	18
2	1.8	6	4.2	8	4.1	MILAM TX	136	-2	131	77	59
2	5.8	5*	13.0	3	5.4	MILLS TX	123	-59	-8	22	81

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
							60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE						
1	1.9	1	1.4	2	2.7	MITCHELL TX	-25	90	42	49	30
3	2.6	2	1.5	5	3.3	MONTAGUE TX	-42	123	28	42	41
		2	1.2	12	3.9	MONTGOMERY TX		226			55
1	2.8	1	2.8	1	1.9	MOORE TX	0	-32	-32	12	20
1	2.2	3	5.8	4	5.4	MORRIS TX	162	-6	147	80	82
1	9.0	1	4.1	1	3.8	MOTLEY TX	-54	-7	-57	04	52
3	2.3	3	1.9	11	5.0	NACOGDOCHES TX	-19	159	111	73	76
9	5.2	10	5.6	8	3.1	NAVARRO TX	7	-45	-41	08	37
		1	1.8	3	5.0	NEWTON TX		176			77
1	.9	5	4.9	6	4.6	NOLAN TX	444	-7	408	96	70
16	2.2	27	3.4	46	4.6	NUECES TX	56	36	112	73	70
2	7.1	7*	22.1	3	7.4	OCHILTREE TX	210	-66	4	28	94
		1	14.6	1	10.2	OLDHAM TX		-30			97
6	4.6	11	5.3	8	2.2	ORANGE TX	15	-58	-52	05	23
3	2.2	3	2.1	7	4.3	PALO PINTO TX	-5	101	91	69	62
2	2.8	4	4.6	2	1.5	PANOLA TX	65	-67	-46	07	16
3	2.6	7	4.2	9	3.5	PARKER TX	60	-17	33	45	46
1	5.2	1	2.0	4	8.5	PARMER TX	-62	332	65	60	96
		2	3.9	1	1.9	PECOS TX		-52			19
3	5.8	2	3.3	2	2.0	POLK TX	-43	-41	-66	02	20
11	2.9	24	5.3	12	2.3	POTTER TX	85	-56	-18	18	25
1	4.5			1	4.0	PRESIDIO TX			-13	20	55
				2	4.4	RAINS TX					67
		7	4.6	9	3.6	RANDALL TX		-22			49
7*	8.2	2	1.5	5	5.3	RED RIVER TX	-82	258	-36	10	80
1	3.1	1	2.2	2	3.6	REEVES TX	-29	66	17	35	49
1	2.6	3	8.1	1	1.9	REFUGIO TX	217	-76	-26	14	19
1*	17.7					ROBERTS TX					
		1	1.1	1	1.2	ROBERTSON TX		9			13
1	3.1			4	5.4	ROCKWALL TX			74	64	82
4	4.4	4	4.2	3	2.6	RUNNELS TX	-5	-37	-40	09	29
4	2.6	2	1.1	9	3.5	RUSK TX	-58	226	38	47	47
1	3.4			1	1.6	SABINE TX			-53	05	16
		3	8.3	2	6.4	SAN AUGUSTINE TX		-22			90
		1	2.9	1	2.2	SAN JACINTO TX		-24			23
7	4.4	7	3.9	18*	8.3	SAN PATRICIO TX	-11	114	90	68	95
		3	5.3	2	3.7	SAN SABA TX		-32			49
1	1.0	3	4.1	7	6.1	SCURRY TX	311	48	506	97	87
2	7.3	2	6.1	2	4.7	SHACKELFORD TX	-17	-22	-35	11	72
				9	7.9	SHELBY TX					94
		1	6.7	1	6.6	SHERMAN TX		-1			91
6	1.9	14	3.4	26	4.8	SMITH TX	78	41	151	81	73
1	3.0					SOMERVELL TX					
		1	1.3	2	2.3	STARR TX		75			24
1	2.0	3	5.9	3	4.9	STEPHENS TX	189	-16	143	79	76
		1*	17.1			STERLING TX					
2	5.8			1	1.3	SWISHER TX			-77	00	14
60	3.4	93	3.7	159	4.7	TARRANT TX	9	26	37	47	71
13	3.9	10	2.3	25	4.5	TAYLOR TX	-42	100	16	34	68
1	4.6			1	9.3	TERRELL TX			103	72	97
2	5.2			5	7.1	TERRY TX			37	46	93
2*	8.6	2	10.8	1	3.1	THROCKMORTON TX	25	-71	-64	02	37
		1	.9	4	3.7	TITUS TX		303			50
5	1.7	11	3.2	18	4.0	TOM GREEN TX	92	25	140	79	56
22	3.2	35	3.8	62	4.5	TRAVIS TX	17	18	38	47	67
4*	11.0			2	2.5	TRINITY TX			-77	00	27
1	2.2	1	1.1	3	2.8	TYLER TX	-53	166	26	41	32
		2	1.9	3	2.2	UPSHUR TX		17			23
		2	10.8	1	5.3	UPTON TX		-51			81
		1	1.0	7	6.9	UVALDE TX		593			92
3	4.4	2	2.4	3	2.5	VAL VERDE TX	-47	7	-43	08	28
3	2.5	4	2.9	8	4.2	VAN ZANDT TX	19	45	72	63	61
4	2.6	10	5.4	10	3.8	VICTORIA TX	106	-30	45	50	51
		1	1.5	1	1.0	WALKER TX		-36			12
1	2.7			2	3.7	WALLER TX			39	47	50
5*	13.1	1	2.6	4	7.1	WARD TX	-80	174	-46	07	93
3	3.1	2	1.5	5	2.5	WASHINGTON TX	-52	72	-18	18	27
4	1.7	10	3.5	13	3.3	WEBB TX	101	-5	91	69	41
5	4.5	2	1.4	7	3.6	WHARTON TX	-70	161	-21	17	47
1	2.0					WHEELER TX					
14	3.4	21	3.7	34	5.0	WICHITA TX	8	37	47	51	77
3	3.4	1	1.1			WILBARGER TX	-69				
1	2.8	5	7.4	2	2.9	WILLACY TX	169	-61	4	28	33
5	2.7	2	.9	16	4.8	WILLIAMSON TX	-68	441	75	64	73
2	2.6	3	3.7	7	7.0	WILSON TX	41	91	169	83	92
1	2.2	1	2.2	1	2.4	WINKLER TX	-3	9	6	29	25
2	1.7	2	1.6	5	3.4	WISE TX	-5	108	97	70	44
3	2.9	4	2.8	4	1.8	WOOD TX	-4	-36	-38	09	18
1	9.6	1	2.7	1	3.5	YOAKUM TX	-72	29	-64	02	45
1	1.1	6	5.3	6	3.8	YOUNG TX	403	-29	256	90	51
1	2.7			2	5.1	ZAVALA TX			91	69	79
65	2.2	134	3.4	176	3.3	UTAH UT	58	-3	53		
1	4.9					BEAVER UT					
4	5.5	5	4.9	6	4.1	BOX ELDER UT	-10	-17	-25	14	58
2	1.5	3	1.8	3	1.2	CACHE UT	16	-33	-23	16	13
2	2.5	1	.9	4	4.6	CARBON UT	-66	432	83	67	70
1*	188.7					DAGGETT UT					
2	1.3	10	5.6	14	4.5	DAVIS UT	338	-19	253	90	68
		1	4.1			EMERY UT					
1	3.1	1	2.0	3	4.3	IRON UT	-34	114	41	48	63
1	8.9					KANE UT					
2	5.7	1	2.6	1	3.2	MILLARD UT	-55	24	-44	07	39
		1	6.3			MORGAN UT					
				1	14.0	PIUTE UT					99
35	2.6	70	3.9	72	3.0	SALT LAKE UT	52	-22	18	36	36
				2	9.6	SAN JUAN UT					97
				2	2.0	SANPETE UT					20
1	2.0	1	1.7	6	7.5	SEVIER UT	-15	351	285	91	94

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
		2	7.3	1	3.0	SUMMIT UT		-58			36
2	3.0	5	7.9	3	3.5	TOOELE UT	167	-56	18	36	45
1	1.3					UINTAH UT					
3	.9	12	2.7	25	3.9	UTAH UT	192	44	321	93	54
1	4.4	3*	12.4	4*	13.1	WASATCH UT	180	6	197	86	98
				2	1.7	WASHINGTON UT					17
6	1.7	18	3.6	27	4.3	WEBER UT	106	19	145	80	62
74	3.5	91	3.9	109	3.8	VERMONT VT	10	-1	9		
6*	6.2	6	5.2	4	3.1	ADDISON VT	-16	-40	-50	06	38
10*	7.2	7	3.8	9	4.3	BENNINGTON VT	-47	13	-41	08	62
2	1.2	3	2.6	10	5.2	CALEDONIA VT	125	96	341	93	79
15	4.7	17	4.5	24	5.2	CHITTENDEN VT	-3	16	12	32	79
		4*	13.0	1	3.5	ESSEX VT		-73			46
5	3.4	6	3.7	5	2.6	FRANKLIN VT	9	-29	-22	16	29
2*	17.9	1	4.7	2	8.0	GRAND ISLE VT	-74	70	-55	04	95
1	2.1	1	1.8	2	2.2	LAMOILLE VT	-14	20	3	27	23
4	4.6	2	1.8	7	6.8	ORANGE VT	-62	285	48	52	91
2	1.8	4	3.7	5	2.8	ORLEANS VT	104	-26	51	54	31
10	3.6	19*	5.7	11	2.8	RUTLAND VT	58	-50	-21	16	32
3	1.1	5	1.7	10	3.6	WASHINGTON VT	54	109	223	88	49
6	3.7	7	3.6	10	4.2	WINDHAM VT	-2	15	13	32	60
8	3.5	9	4.2	9	2.9	WINDSOR VT	18	-32	-19	17	33
342	2.7	537	3.3	797	3.7	VIRGINIA VA	20	13	36		
2	1.4	7	4.3	15*	7.8	ACCOMACK VA	205	83	459	96	94
7	3.3	13	4.5	14	3.5	ALBEMARLE#VA	38	-22	7	30	45
		4	2.6	8	4.2	ALLEGHANY#VA		64			60
1	5.7	2	9.1			AMELIA VA	59				
1	1.5	1	.9	4	3.4	AMHERST VA	-38	273	133	78	43
1	2.5	2	4.1			APPOMATTOX VA	63				
25	4.4	33	4.0	41	4.0	ARLINGTON#VA	-8	0	-8	22	57
8	2.4	15	3.7	16	3.0	AUGUSTA#VA	54	-17	28	42	36
		2	7.7			BATH VA					
13	2.7	21	3.8	26	3.4	BEDFORD#VA	40	-10	25	40	43
		1	3.5	1	3.6	BLAND VA		2			48
		1	1.1	3	5.0	BOTETOURT VA		163			35
1	2.5			2	3.8	BRUNSWICK VA			55	56	52
2	1.3	2	1.4	3	2.3	BUCHANAN VA	8	66	79	66	25
2	6.7	1	3.5			BUCKINGHAM VA	-48				
1	2.9	1	3.1			CAROLINE VA	10				
4	1.9	6	2.4	11	3.3	CARROLL#VA	31	36	77	65	41
1	2.6			1	2.2	CHARLOTTE VA			-15	19	23
52*	4.3	46	3.3	74	4.6	CHESTERFIELD#VA	-25	41	6	29	70
1	3.7	1	2.8	1	1.6	CLARKE VA	-24	-43	-57	04	16
1	5.7	1	3.5			CRAIG VA	-39				
2	2.5	4	5.2	2	1.4	CULPEPER VA	105	-74	-46	07	14
		1	5.4			CUMBERLAND VA					
3	3.7	1	1.3	3	3.4	DICKENSON VA	-66	169	-9	21	43
5	2.4	7	2.4	9	2.4	DINWIDDIE#VA	1	1	2	27	26
		1	3.5	3	7.3	ESSEX VA		108			93
26	3.1	51	3.4	100	4.5	FAIRFAX#VA	12	32	48	52	69
5	6.1	3	2.7	6	4.5	FAUQUIER VA	-56	68	-25	14	69
2	3.7	3	4.1			FLOYD VA	10				
				3	9.2	FLUVANNA VA					96
1	1.1	4	3.4	2	1.2	FRANKLIN VA	215	-66	7	29	13
3	1.9	6	3.1	12	4.2	FREDERICK#VA	64	39	127	76	61
		5	5.9	3	3.7	GILES VA		-37			51
1	3.0	2	3.6	3	3.1	GLOUCESTER VA	19	-13	4	28	38
		1	3.9	2	4.5	GOOCHLAND VA		17			69
1	2.9	1	2.3	1	1.8	GREENSVILLE#VA	-20	-21	-37	10	19
3	3.0	3	2.3	6	3.6	HALIFAX#VA	-22	55	21	38	48
		4	3.3	7	3.9	HANOVER VA		18			54
11	3.9	15	2.9	29	3.5	HENRICO VA	-25	21	-10	21	45
4	3.3	10	5.1	9	3.1	HENRY#VA	55	-39	-6	23	37
3	7.2	3	5.9	3	4.3	ISLE OF WIGHT VA	-17	-28	-40	08	62
		4	2.1	15	6.0	JAMES CITY#VA		182			87
1	6.1			1	3.7	KING AND QUEEN VA			-39	09	51
1	5.9	2	7.9	2	5.7	KING GEORGE VA	34	-28	-4	23	84
1	4.8			3	10.2	KING WILLIAM VA			112	73	97
		1	2.2	2	3.3	LANCASTER VA		51			40
3	2.2	2	1.4	6	5.2	LEE VA	-38	134	45	50	39
2	2.1	8	6.7	5	2.9	LOUDOUN VA	227	-57	41	48	33
		2	2.9	2	2.4	LOUISA VA		-16			26
		1	1.9	2	2.5	LUNENBURG VA		30			27
1	3.0			2	3.9	MADISON VA			33	44	54
				5	7.9	MATHEWS VA					94
2	3.1			4	3.0	MECKLENBURG VA			-2	24	36
		2	4.8			MIDDLESEX VA					
2	1.6	5	2.4	9	3.6	MONTGOMERY#VA	51	50	126	76	48
1	2.1	2	3.9			NELSON VA	90				
1	1.6	2	2.9	8*	13.9	NORTHAMPTON VA	81	386	779	99	99
		3	6.7	2	3.5	NORTHUMBERLAND VA		-47			46
		2	3.5	3	2.4	NOTTOWAY VA		-32			25
		5	7.9	1	1.1	ORANGE VA		-86			13
1	1.1	5	5.3	4	3.5	PAGE VA	370	-34	210	87	46
1	1.5	2	2.6	1	1.2	PATRICK VA	70	-53	-21	17	13
7	2.0	14	3.3	19	3.4	PITTSYLVANIA#VA	64	5	71	62	44
		2	4.8	3	3.8	PRINCE EDWARD VA		-20			52
		5	1.8	8	3.1	PRINCE WILLIAM#VA		72			38
2	1.8	5	3.9	7	3.8	PULASKI VA	118	-2	112	73	52
		1	4.6			RAPPAHANNOCK VA					
		1	4.5			RICHMOND VA					
24	3.8	30	3.5	39	3.4	ROANOKE#VA	-8	-3	-10	21	44
2	1.4	3	2.2	6	3.8	ROCKBRIDGE#VA	58	73	173	84	52
7	3.1	9	3.2	8	2.1	ROCKINGHAM#VA	5	-37	-33	11	21
1	1.5	2	1.8	4	2.9	RUSSELL VA	16	67	94	70	34
3	2.5	5	3.8	8	5.3	SCOTT VA	51	41	113	74	81

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	1.6	4	2.9	7	4.0	SHENANDOAH VA	78	38	145	80	55
3	2.3	3	2.0	7	3.5	SMYTH VA	-12	78	56	56	46
1	1.6	3	3.8	3	3.9	SOUTHAMPTON#VA	141	3	148	80	55
3	3.3	3	2.3	5	2.6	SPOTSYLVANIA#VA	-31	16	-20	17	29
2	3.3	2	2.3	7	7.3	STAFFORD VA	-30	213	120	75	93
				3*	16.7	SURRY VA					99
		3*	10.8	2	5.8	SUSSEX VA		-47			85
3	2.8	6	3.3	6	2.5	TAZEWELL VA	17	-24	-11	20	27
3	5.8	2	2.8	2	1.8	WARREN VA	-52	-34	-68	01	19
4	1.6	7	2.4	9	2.5	WASHINGTON#VA	52	2	56	57	27
1	2.4	2	4.0	2	2.4	WESTMORELAND VA	66	-39	2	27	26
4	2.1	4	1.7	10	3.9	WISE#VA	-17	126	87	67	54
1	.9	4	3.4	4	3.4	WYTHE VA	272	1	274	91	43
35	2.6	62	3.6	91	4.0	CHESAPEAKE CITY#VA	37	13	54	55	56
9	4.4	8	3.5	11	3.1	HAMPTON CITY VA	-21	-12	-31	13	37
11	5.5	8	2.1	20	4.6	NEWPORT NEWS CITY VA	-62	119	-17	18	69
4	4.9	6	4.7	6	3.8	SUFFOLK CITY VA	-4	-19	-22	16	52
369	2.9	594	3.8	832	4.1	WASHINGTON WA	28	9	40		
		1	2.5	2	3.4	ADAMS WA		39			44
1	1.2			2	1.7	ASOTIN WA			42	49	17
6	2.5	9	3.2	15	3.9	BENTON WA	24	22	52	54	53
4	1.9	8	3.5	13	3.7	CHELAN WA	81	7	93	70	50
3	2.4	6	3.6	8	3.3	CLALLAM WA	51	-10	36	46	40
11	2.5	29	5.2	36	4.5	CLARK WA	106	-14	77	65	67
		1	3.5	2	3.9	COLUMBIA WA		11			53
5	2.1	10	3.4	17	4.3	COWLITZ WA	57	28	101	71	63
2	3.2	4	5.4	2	2.1	DOUGLAS WA	67	-61	-35	11	22
				1	5.1	FERRY WA					78
		2	2.5	8	6.6	FRANKLIN WA		167			91
				1	5.8	GARFIELD WA					86
3	2.4	5	3.2	5	2.4	GRANT WA	33	-24	0	26	26
4	1.6	6	2.1	15	3.9	GRAYS HARBOR WA	30	91	148	80	55
1	2.6			10	5.7	ISLAND WA			123	76	85
2	4.2			2	2.0	JEFFERSON WA			-54	05	20
141	3.4	208	4.0	285	4.4	KING WA	18	10	30	43	66
12	3.3	18	3.8	38	5.8	KITSAP WA	14	53	75	64	85
5	5.2	4	3.6	4	3.4	KITTITAS WA	-32	-4	-34	11	44
2	3.9			5	5.7	KLICKITAT WA			45	50	85
5	2.0	4	1.5	9	2.8	LEWIS WA	-22	84	44	50	32
1	1.8	1	1.5	3	4.4	LINCOLN WA	-17	195	146	80	67
		3	2.6	3	1.8	MASON WA		-29			18
3	2.5	6	4.5	3	1.8	OKANOGAN WA	76	-59	-28	13	19
3	3.3	2	1.9	2	1.3	PACIFIC WA	-42	-31	-60	03	14
3*	8.7			1	2.8	PEND OREILLE WA			-68	02	32
44	3.2	74	4.3	91	4.1	PIERCE WA	33	-5	27	41	59
				2	3.5	SAN JUAN WA					45
7	2.6	9	3.0	11	3.1	SKAGIT WA	16	3	20	37	37
				1	2.4	SKAMANIA WA					26
20	3.0	38	3.8	47	3.4	SNOHOMISH WA	28	-12	13	32	43
29	2.2	60	3.7	79	4.2	SPOKANE WA	67	11	86	67	60
		5	5.1	6	4.9	STEVENS WA		-4			75
9	3.5	16	4.7	20	3.6	THURSTON WA	34	-22	4	28	49
		1	5.6	1	5.1	WAHKIAKUM WA		-9			78
4	1.8	13	5.4	14	5.1	WALLA WALLA WA	197	-5	181	85	79
15	3.8	17	3.8	23	4.0	WHATCOM WA	0	6	6	29	56
7	5.0	6	3.6	6	3.5	WHITMAN WA	-29	-2	-30	13	46
17	2.6	28	3.6	39	4.3	YAKIMA WA	36	19	62	59	62
190	2.4	292	3.1	345	3.2	WEST VIRGINIA WV	34	1	35		
2	2.3	2	2.2	1	1.0	BARBOUR WV	-5	-53	-55	04	12
2	1.2	8	4.8	5	2.1	BERKELEY WV	285	-56	67	61	22
2	1.8	1	.8	4	2.9	BOONE WV	-57	270	56	57	34
1	1.1			4	5.1	BRAXTON WV			350	94	78
4	3.9	3	2.0	6	3.5	BROOKE WV	-48	73	-9	21	46
17	3.1	32	5.1	21	2.9	CABELL WV	64	-43	-6	23	34
1	2.5			2	4.9	CALHOUN WV			98	71	75
1	1.7					CLAY WV					
		1	2.1	2	3.9	DODDRIDGE WV		91			55
7	2.6	7	2.7	11	3.4	FAYETTE WV	7	24	33	45	43
1	2.4	2	3.7			GILMER WV	53				
1	2.7	2	4.1	1	1.6	GRANT WV	55	-60	-38	10	17
5	3.2	4	2.2	6	2.6	GREENBRIER WV	-30	17	-18	18	29
				1	1.4	HAMPSHIRE WV					14
4	2.4	7	4.0	14	6.3	HANCOCK WV	65	59	162	82	89
				1	1.8	HARDY WV					18
6	1.4	19	4.0	17	3.2	HARRISON WV	198	-20	139	79	40
1	1.2	1	1.3	1	.8	JACKSON WV	10	-34	-28	14	11
2	2.8	5	5.8	4	3.6	JEFFERSON WV	110	-39	29	43	47
30	3.4	32	2.9	49	3.7	KANAWHA WV	-16	29	8	30	50
3	2.2	4	2.6	5	2.3	LEWIS WV	21	-12	7	30	24
4	5.2	3	3.0			LINCOLN WV	-41				
2	.8	4	2.2	12	5.5	LOGAN WV	190	152	630	98	83
2	1.2	9	4.7	3	1.4	MC DOWELL WV	299	-70	20	37	15
9	2.7	21	5.5	19	4.5	MARION WV	106	-17	71	62	69
6	3.0	9	4.3	8	3.4	MARSHALL WV	45	-22	13	33	42
2	1.9	4	3.3	6	4.2	MASON WV	74	26	120	75	61
4	1.5	10	3.1	14	3.4	MERCER WV	112	11	134	78	44
3	2.8	3	2.5	2	1.3	MINERAL WV	-11	-47	-53	05	14
1	.5	3	2.0	4	2.6	MINGO WV	347	28	472	96	29
12	4.9	8	2.9	11	3.0	MONONGALIA WV	-41	6	-38	10	36
1	1.8	1	1.1	2	2.2	MONROE WV	-42	102	18	35	23
		3	6.1	3	5.1	MORGAN WV		-15			79
1	1.4	1	.8	2	1.6	NICHOLAS WV	-39	89	15	34	16
10	2.5	21	4.9	16	3.7	OHIO WV	98	-25	49	52	49
2	5.1	3	6.3	7*	13.8	PENDLETON WV	23	118	168	83	99
1	3.3			2	3.9	PLEASANTS WV			17	35	53
2	3.8			1	1.4	POCAHONTAS WV			-63	02	15

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WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
2	1.5	3	2.0	3	1.9	PRESTON	WV	33	-5	27	42	19
3	4.3	2	1.7	6	3.5	PUTNAM	WV	-61	113	-18	18	46
2	.7	6	1.6	11	2.5	RALEIGH	WV	145	53	275	91	27
5	3.9	3	2.1	3	2.2	RANDOLPH	WV	-47	6	-43	08	23
4	4.9	4	5.4	3	3.3	RITCHIE	WV	10	-39	-34	11	41
2	2.3	1	1.1	1	.8	ROANE	WV	-52	-24	-63	03	11
		1	1.0	2	1.7	SUMMERS	WV		72			18
2	2.3	7	8.3	5	5.3	TAYLOR	WV	267	-35	137	78	81
1	2.1	1	1.8	2	4.4	TUCKER	WV	-17	150	108	72	66
1	1.2	1	1.0	1	.9	TYLER	WV	-17	-9	-24	15	11
				3	2.6	UPSHUR	WV					28
1	.5	7	3.7	8	3.9	WAYNE	WV	585	3	609	98	53
2	3.5			1	1.4	WEBSTER	WV			-61	03	15
3	2.9	4	3.3			WETZEL	WV	15				
				2	8.7	WIRT	WV					96
8	2.2	16	3.4	23	4.2	WOOD	WV	56	23	93	69	61
2	1.6	3	3.0	4	3.2	WYOMING	WV	91	7	104	72	39
531	2.8	888	3.9	1152	4.3	WISCONSIN	WI	39	8	50		
		2	4.6	6	7.1	ADAMS	WI		54			93
3	3.3	6	4.5	9	6.4	ASHLAND	WI	34	42	91	69	89
9	5.0	12	5.1	14	5.7	BARRON	WI	2	12	14	33	85
		4	5.7	4	5.6	BAYFIELD	WI		-1			84
17	3.2	34*	5.2	28	3.5	BROWN	WI	64	-33	9	31	46
3	3.9	4	4.9	5	6.0	BUFFALO	WI	25	24	55	56	87
2	4.0	5	6.9	4	4.4	BURNETT	WI	70	-37	8	30	64
1	1.0	1	.9	7	5.0	CALUMET	WI	-7	434	395	95	76
5	2.4	9	3.8	8	2.7	CHIPPEWA	WI	57	-28	13	33	30
4	2.3	2	1.1	5	2.5	CLARK	WI	-53	138	12	32	28
3	1.9	10	4.0	9	3.0	COLUMBIA	WI	116	-24	63	60	36
1	1.2	1	.9	4	3.0	CRAWFORD	WI	-25	228	145	80	36
28	3.0	69*	6.0	59	4.1	DANE	WI	102	-33	36	46	58
9	2.7	14	3.8	21	4.4	DODGE	WI	38	17	61	58	66
5	5.1	2	1.8	4	2.2	DOOR	WI	-65	20	-58	04	23
4	1.7	10	3.9	14	4.7	DOUGLAS	WI	130	22	181	85	72
2	1.4	6	3.8	7	4.2	DUNN	WI	167	11	196	86	60
12	4.0	16	4.5	10	2.3	EAU CLAIRE	WI	14	-49	-42	08	25
				2	8.9	FLORENCE	WI					96
9	2.2	11	2.4	27	5.2	FOND DU LAC	WI	9	114	133	78	79
1	2.6	2	4.4	2	3.3	FOREST	WI	71	-26	26	41	40
5	2.1	16	5.3	7	2.3	GRANT	WI	152	-57	9	31	24
5	3.3	8	4.8	8	4.0	GREEN	WI	47	-17	22	38	55
2	2.2	3	2.6	8	6.0	GREEN LAKE	WI	21	127	175	84	87
3	2.7	7	6.7			IOWA	WI	147				
		2	4.1	2	3.1	IRON	WI		-25			37
		1	.9	8	7.9	JACKSON	WI		814			95
10	3.5	11	3.3	13	2.9	JEFFERSON	WI	-7	-11	-18	18	33
		2	1.5	1	.6	JUNEAU	WI		-61			10
6	1.4	21	3.8	45*	6.8	KENOSHA	WI	172	80	388	95	91
5	4.9	5	5.6	6	5.5	KEWAUNEE	WI	12	-1	12	32	83
10	2.7	16	3.4	19	3.3	LA CROSSE	WI	24	-4	19	37	41
6*	6.8	4	4.0	5	3.9	LAFAYETTE	WI	-42	-1	-42	08	54
3	2.6	6	5.1	8	5.9	LANGLADE	WI	100	17	133	78	86
		4	3.0	5	2.5	LINCOLN	WI		-18			27
14	3.8	15	3.2	33*	6.3	MANITOWOC	WI	-16	99	66	60	89
13	3.3	31*	6.6	34*	5.7	MARATHON	WI	102	-14	73	63	85
6	2.8	8	3.8	8	2.5	MARINETTE	WI	37	-34	-10	21	27
1	1.5	3	5.2	2	2.0	MARQUETTE	WI	255	-62	36	46	20
5	1.7	14	4.1	21	4.7	MENOMINEE#	WI	135	16	173	84	72
153	3.2	242*	4.3	274	4.5	MILWAUKEE	WI	35	3	39	47	67
5	3.3	6	3.6	8	4.4	MONROE	WI	9	21	32	44	65
2	1.9	4	2.8	9	4.4	ONEIDA	WI	43	59	128	76	66
11	2.6	20	4.0	22	3.6	OUTAGAMIE	WI	52	-11	36	46	48
5	3.8	6	3.0	14	4.8	OZAUKEE	WI	-23	60	24	39	73
		2	3.8	2	4.1	PEPIN	WI		10			60
2	1.9	8	5.4	9	6.1	PIERCE	WI	190	13	228	89	88
3	2.0	9	5.4	8	3.9	POLK	WI	164	-29	88	68	53
3	1.9	7	3.1	19*	6.9	PORTAGE	WI	59	123	256	90	92
		2	1.9	5	4.3	PRICE	WI		125			62
16	2.8	26	3.4	34	3.9	RACINE	WI	24	14	40	48	53
3	2.7	4	4.1	10*	7.1	RICHLAND	WI	52	75	166	83	93
17	3.3	19	3.0	29	3.5	ROCK	WI	-10	19	7	29	47
2	2.9	2	2.2	1	1.3	RUSK	WI	-23	-43	-56	04	14
3	2.1	2	1.3	9	4.3	ST CROIX	WI	-39	238	107	72	62
6	2.8	11	4.8	4	1.7	SAUK	WI	71	-65	-41	08	17
		1	1.8	2	2.3	SAWYER	WI		28			24
16	3.7	15	2.7	26	4.1	SHEBOYGAN	WI	-26	52	12	32	58
4	4.6	4	4.5	4	3.5	TAYLOR	WI	-4	-21	-24	15	46
1	.7	6	3.8	4	2.0	TREMPEALEAU	WI	479	-48	201	86	21
3	2.0	3	1.8	8	4.8	VERNON	WI	-5	160	146	80	74
2	4.3	2	3.2	9*	9.3	VILAS	WI	-26	193	118	75	97
2	.7	18	5.2	13	2.7	WALWORTH	WI	594	-47	266	90	30
3	5.1	2	3.3	1	1.1	WASHBURN	WI	-34	-68	-79	00	12
7	3.4	9	3.5	19	5.9	WASHINGTON	WI	5	66	74	64	86
18	3.6	23	2.9	50	4.4	WAUKESHA	WI	-20	55	24	39	67
9	4.2	8	3.0	12	3.3	WAUPACA	WI	-29	10	-22	16	41
1	1.4	3	2.9	9	6.9	WAUSHARA	WI	109	142	408	96	92
13	2.5	14	2.2	37	4.7	WINNEBAGO	WI	-13	114	87	67	72
9	3.4	13	4.3	19	5.0	WOOD	WI	24	16	45	50	76
23	1.8	59	4.0	69	3.8	WYOMING	WY	122	-5	112		
		4	4.7	4	3.5	ALBANY	WY		-27			45
2	3.7	3	5.1	2	2.7	BIG HORN	WY	40	-47	-26	14	30
1	4.0	1	4.5			CAMPBELL	WY	12				
1	2.9			3	4.1	CARBON	WY			42	49	58
		1	2.5	1	2.8	CONVERSE	WY		9			31
		2	10.6	2	8.7	CROOK	WY		-18			96
1	.6	4	4.2	9	7.6	FREMONT	WY	588	79	1131	99	94

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
										%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
2	3.6	3	4.8	2	2.8	GOSHEN WY	33	-41	-21	17	32
		4*	13.1	2	6.6	HOT SPRINGS WY		-49			91
3	1.7	6	2.4	9	3.2	LARAMIE WY	41	35	90	68	39
1	2.8	1	2.8			LINCOLN WY	2				
4	2.3	10	5.3	9	3.6	NATRONA WY	132	-33	56	57	68
				1	3.1	NIOBRARA WY					37
3	4.0	7*	8.7	4	3.1	PARK-TETON#WY	116	-64	-22	16	38
		2	5.5	3	5.8	PLATTE WY		6			85
2	2.0	7	6.6	7	4.6	SHERIDAN WY	233	-30	134	78	70
		1	9.6	2	13.3	SUBLETTE WY		39			99
1	.8			5	4.9	SWEETWATER WY			528	97	75
1	2.6	3	8.1	2	5.1	UINTA WY	215	-37	98	71	78
				2	5.8	WASHAKIE WY					85

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NON-WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
2066	2.9	3167	3.8	4007	3.8	UNITED STATES	30	0	30		
92	2.4	141	3.8	153	4.0	ALABAMA AL	59	5	67		
1	3.7	2	5.9			AUTAUGA AL	56				
3*	7.7			1	3.2	BALDWIN AL			-58	10	79
		1	2.7			BARBOUR AL					
				1	2.4	BULLOCK AL					76
		1	2.9	1	2.0	BUTLER AL		-30			74
3	4.3	5	8.5	3	3.9	CALHOUN AL	96	-54	-11	37	81
2	3.8	2	3.9			CHAMBERS AL	2				
1	7.2	1	5.6	1	7.7	CHILTON AL	-23	39	7	50	92
1	2.6			3	8.2	CHOCTAW AL			216	91	93
2	3.2	3	7.1	1	2.3	CLARKE AL	122	-68	-29	27	75
				1*	31.6	CLEBURNE AL					98
1	4.9	1	3.7	2	7.0	COFFEE AL	-25	90	43	64	91
		2	5.9	1	2.0	COLBERT AL		-65			74
		2	5.4			CONECUH AL					
		2*	12.7	1	5.5	COOSA AL		-56			88
1	5.9					COVINGTON AL					
		1	4.6			CRENSHAW AL					
		1	3.2			DALE AL					
2	1.3	8	6.5	4	3.0	DALLAS AL	394	-55	125	81	78
1*	25.2					DE KALB AL					
		1	3.0	3	7.8	ELMORE AL		164			92
5*	13.5	4	9.5			ESCAMBIA AL	-30				
2	4.3	1	1.8	3	5.9	ETOWAH AL	-58	229	39	63	89
1	5.4			1	7.0	GENEVA AL			30	60	91
1	2.9	1	2.6	1	1.7	GREENE AL	-13	-32	-41	18	74
1	2.1	2	4.0	1	2.1	HALE AL	93	-47	3	46	75
1	2.1	1	2.0	3	5.3	HOUSTON AL	-3	163	154	85	87
2*	26.7					JACKSON AL					
21	2.2	38	4.2	46	4.9	JEFFERSON AL	94	16	125	80	85
				1	7.5	LAMAR AL					92
1	2.8			1	3.1	LAUDERDALE AL			12	51	78
3	4.7	1	2.0	2	3.0	LEE AL	-58	52	-36	22	78
		1	1.9	1	5.1	LIMESTONE AL		166			86
		1	1.3	3	8.2	LOWNDES AL		542			93
2	1.6	2	2.5	3	3.6	MACON AL	55	42	121	80	80
1	1.0	3	3.5	4	4.0	MADISON AL	252	14	302	94	82
		3	4.5	2	3.2	MARENGO AL		-29			78
		1*	44.6			MARION AL					
12	3.4	18	4.7	16	4.1	MOBILE AL	38	-14	19	54	82
		1	2.9	2	5.0	MONROE AL		70			86
7	3.2	9	3.8	12	4.9	MONTGOMERY AL	18	28	51	66	85
				3	8.0	MORGAN AL					92
1	3.3	1	3.9	3	7.8	PICKENS AL	18	98	133	82	92
3	6.6			2	4.8	PIKE AL			-28	28	85
1	.7	6*	9.1	2	2.7	RUSSELL AL	1170	-71	274	94	77
		1	3.1			ST CLAIR AL					
3*	12.0			1	2.5	SHELBY AL			-79	01	76
		2	4.0	5*	10.3	SUMTER AL		155			94
3	3.9	1	1.7	3	3.9	TALLADEGA AL	-58	134	-1	44	82
1	2.3	2	5.7	1	3.1	TALLAPOOSA AL	147	-45	35	61	78
2	2.3	3	1.6	4	2.4	TUSCALOOSA AL	-30	49	4	47	76
		1	3.0	1	4.2	WALKER AL		40			83
		1	5.4	2	10.4	WASHINGTON AL		93			94
		3	7.0	1	1.7	WILCOX AL		-75			74
		4	3.7	3	1.9	ALASKA AK		-49			
12	2.8	15	3.1	25	3.1	ARIZONA AZ	12	1	13		
1	.7	1	1.7	3	4.6	APACHE AZ	159	170	600	98	84
1	.7	1	2.2	3	7.0	COCONINO AZ	230	216	942	99	91
1	2.6					GILA AZ					
		1*	5.8			GRAHAM AZ					
5	5.8	4	2.8	12	3.6	MARICOPA AZ	-52	27	-38	21	80
1*	49.1					MOHAVE AZ					
		2	3.5	1	1.3	NAVAJO AZ		-62			73
3	3.8	4	5.0	5	3.9	PIMA AZ	31	-22	2	46	82
		1	1.9	1	1.4	PINAL AZ		-24			73
		1	5.0			YUMA AZ					
32	1.7	47	2.8	65	3.9	ARKANSAS AR	64	37	125		
		1	3.9	2	10.8	ARKANSAS AR		180			94
		2	6.3	3	8.4	ASHLEY AR		34			93
				1	3.6	BRADLEY AR					80
				1	10.4	CALHOUN AR					94
1	1.7	2	2.4	6*	11.2	CHICOT AR	41	358	545	97	95
1	3.7	2	10.1	1	3.7	CLARK AR	176	-64	0	45	81
		2	6.5	3	5.9	COLUMBIA AR		-9			89
		2	1.4	3	4.0	CRITTENDEN AR		189			82
1	3.1					CROSS AR					
2*	9.6			2	8.8	DALLAS AR			-8	39	93
		1	2.1			DESHA AR					
		1	3.4			DREW AR					
				1	6.7	FAULKNER AR					90
2	7.9	2	7.3	1	3.2	GARLAND AR	-7	-56	-59	09	79
				1*	78.1	GRANT AR					99
1	2.6					HEMPSTEAD AR					
		1	9.8			HOWARD AR					
		1	10.3			JACKSON AR					
9*	5.3	5	3.1	8	5.6	JEFFERSON AR	-41	78	5	49	88
1	3.2	1	4.0	1	3.3	LAFAYETTE AR	25	-18	3	46	79
		2	3.6	3	5.1	LEE AR		40			86

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
2	4.7	1	2.8	1	7.0	LINCOLN	AR	-40	149	50	65	91
				1	4.4	LITTLE RIVER	AR					84
2	7.8			1	5.2	LONOKE	AR			-34	23	87
		2	4.5			MILLER	AR					
1	1.4			2	2.4	MISSISSIPPI	AR			74	71	76
1	1.9	1	2.1			MONROE	AR	8				
1	2.3			1	3.5	NEVADA	AR			52	67	80
1	2.4			4	7.0	OUACHITA	AR			190	88	91
2	1.5	3	3.2	3	3.2	PHILLIPS	AR	120	0	119	79	79
				1*	53.6	PIKE	AR					99
		1	9.3			POINSETT	AR					
3	1.5	5	2.1	7	2.7	PULASKI	AR	38	26	74	72	77
		2	2.2	1	1.2	ST FRANCIS	AR		-44			73
		1	8.4			SALINE	AR					
				3*	12.3	SEBASTIAN	AR					95
		5	9.0	1	2.5	UNION	AR		-72			76
1*	24.4	1*	20.6	1	11.9	WHITE	AR	-15	-42	-51	14	95
				1	5.0	WOODRUFF	AR					86
155*	4.2	278*	4.7	356	3.2	CALIFORNIA	CA	12	-31	-23		
13	3.1	27	4.4	36	3.7	ALAMEDA	CA	43	-16	20	55	81
		1	9.4			BUTTE	CA					
4	7.9	4	2.3	8	2.7	CONTRA COSTA	CA	-71	19	-66	08	77
5	3.8	4	2.8	8	2.7	FRESNO	CA	-27	-3	-29	26	77
		1*	60.3			GLENN	CA					
1	3.6	1	4.2	1	1.7	IMPERIAL	CA	16	-60	-54	12	74
3	2.7	7	7.2	9	4.9	KERN	CA	168	-31	85	74	86
		1*	31.3			LAKE	CA					
80*	5.3	122	4.7	168	3.6	LOS ANGELES	CA	-11	-25	-33	23	80
1	5.0	1	5.6			MADERA	CA	12				
				1	2.5	MARIN	CA					76
		1	11.1			MENDOCINO	CA					
2	7.4	3	10.0	2	2.2	MERCED	CA	35	-78	-70	05	75
2	9.4	10*	15.5	2	2.0	MONTEREY	CA	64	-87	-78	01	74
		1	7.5			NAPA	CA					
2	16.9	5	8.1	9	4.4	ORANGE	CA	-52	-45	-74	03	84
		2*	13.4			PLACER	CA					
4*	9.6	9*	12.5	11	5.1	RIVERSIDE	CA	31	-59	-47	16	86
3	3.4	9	4.7	9	2.9	SACRAMENTO	CA	37	-37	-14	36	78
1	1.0			2	.7	SAN BERNARDINO	CA			-29	26	72
7	5.2	12	5.9	8	2.2	SAN DIEGO	CA	13	-62	-57	10	75
13	3.2	25	3.2	48	4.4	SAN FRANCISCO	CA	0	39	39	63	84
3	2.3	9	4.7	9	3.2	SAN JOAQUIN	CA	106	-33	38	62	78
1	6.8	1	9.9			SAN LUIS OBISPO	CA	45				
3	4.1	7	6.1	8	3.9	SAN MATEO	CA	51	-36	-3	42	82
2	12.7	3	6.2			SANTA BARBARA	CA	-51				
1	1.6	2	1.8	7	2.5	SANTA CLARA	CA	14	35	53	67	76
				2	5.0	SANTA CRUZ	CA					86
1*	11.5					SISKIYOU	CA					
2	4.9	1	1.2	2	1.4	SOLANO	CA	-76	21	-71	04	73
1	5.8					SONOMA	CA					
		3	8.8	4	2.8	TULARE	CA		-68			77
		1	1.5			VENTURA	CA					
		4*	23.6	1	2.2	YOLO	CA		-91			75
		1	13.7	1	5.8	YUBA	CA		-57			89
3	1.7	20*	9.3	11	2.6	COLORADO	CO	434	-72	47		
2	1.7	16*	11.0	11	4.4	DENVER-ARAPAHOE#	CO	563	-60	168	86	84
		2	11.3			EL PASO	CO					
		1*	267.9			HUERFANO	CO					
1*	28.7					OTERO	CO					
		1*	112.4			ROUTT	CO					
18*	6.7	21	5.0	28	4.6	CONNECTICUT	CT	-25	-8	-31		
4	4.8	8	6.6	8	5.6	FAIRFIELD	CT	38	-15	16	53	88
3	4.6	8	6.0	10	3.8	HARTFORD	CT	29	-37	-18	32	81
1*	31.0			1	22.3	LITCHFIELD	CT			-28	28	98
		1	12.3			MIDDLESEX	CT					
9*	10.6	3	2.2	9	5.0	NEW HAVEN	CT	-79	123	-53	12	86
1	6.1					NEW LONDON	CT					
		1*	53.6			WINDHAM	CT					
7	2.7	20*	7.5	8	2.8	DELAWARE	DE	173	-63	0		
				1	1.8	KENT	DE					74
6	3.9	13*	8.5	6	3.6	NEW CASTLE	DE	117	-58	-8	39	80
1	1.7	7*	10.0	1	1.4	SUSSEX	DE	472	-86	-18	32	73
40	3.0	74	4.7	67	3.6	DIST. OF COLUMBIA	DC	55	-23	19		
40	3.0	74	4.7	67	3.6	WASHINGTON	DC	55	-23	19	54	80
68	2.6	116	3.1	180	4.1	FLORIDA	FL	22	30	57		
2	3.0	2	2.5	6	6.0	ALACHUA	FL	-18	142	100	76	89
				1	13.7	BAKER	FL					96
		2	5.5	2	4.9	BAY	FL		-11			86
1	15.1			1	7.2	BRADFORD	FL			-53	13	91
		3	4.3	5	7.7	BREVARD	FL		78			92
3	2.3	3	1.4	14	4.2	BROWARD	FL	-39	194	80	73	83
1*	9.3					CITRUS	FL					
				1	11.2	CLAY	FL					95
				1	3.5	COLLIER	FL					80
10	3.2	21	4.3	33	3.7	DADE	FL	35	-14	16	53	81
9	3.2	17	3.9	19	3.9	DUVAL	FL	21	1	22	56	81
2	1.9	7	4.9	8	4.8	ESCAMBIA	FL	155	-2	149	84	85
				1*	17.2	FRANKLIN	FL					97

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NON-WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	1.0			1	1.4	GADSDEN FL			37	62	73
		1	14.9			GULF FL					
		2*	23.3			HARDEE FL					
		1	8.7	3*	22.4	HENDRY FL		158			98
		1	14.6			HERNANDO FL					
		1	2.2	1	2.9	HIGHLANDS FL		31			78
4	2.4	6	2.4	13	4.1	HILLSBOROUGH FL	-1	74	73	71	83
		1	4.8			INDIAN RIVER FL					
2	5.3	1	3.0			JACKSON FL	-43				
				1*	54.6	LAFAYETTE FL					99
		1	1.4	3	5.6	LAKE FL		293			88
		1	3.5	3	5.5	LEE FL		58			88
2	2.5	3	2.4	4	4.2	LEON FL	-5	76	67	69	83
		1	5.9	1	5.5	LEVY FL		-8			88
		1*	82.9			LIBERTY FL					
				1	3.5	MADISON FL					80
1	3.3	3	6.5			MANATEE FL	98				
1	1.3	2	2.7	6	7.9	MARION FL	100	197	494	97	92
1	7.3	1	6.1	2	12.7	MARTIN FL	-17	109	73	71	95
				1	5.5	MONROE FL					88
1	4.9					NASSAU FL					
3	3.5	5	2.8	6	3.1	ORANGE FL	-20	13	-10	38	78
				1	4.4	OSCEOLA FL					84
8	4.0	7	3.0	6	2.4	PALM BEACH FL	-25	-21	-41	18	76
		1	5.6			PASCO FL					
2	2.5	5	4.0	6	3.6	PINELLAS FL	61	-10	45	64	80
6	4.6	8	4.8	6	3.6	POLK FL	4	-25	-22	30	80
1	2.6			3	6.9	PUTNAM FL			166	86	91
1	2.5	1	3.8	1	3.4	ST JOHNS FL	51	-10	36	61	79
		1	3.2	1	1.9	ST LUCIE FL		-40			74
1	2.3	3*	9.8	4*	12.7	SARASOTA FL	317	29	440	96	95
2	4.1			5	7.2	SEMINOLE FL			78	73	91
				2	8.0	SUMTER FL					92
				2*	10.4	TAYLOR FL					94
3	3.9	3	3.2	5	4.9	VOLUSIA FL	-19	55	25	57	86
94	2.3	129	3.0	145	3.1	GEORGIA GA	28	3	31		
				1	10.0	APPLING GA					94
1*	22.8					ATKINSON GA					
		1	15.1			BAKER GA					
		1	1.9			BALDWIN GA					
				1	6.1	BARROW GA					89
1	4.5	1	7.8			BARTOW GA	73				
4	2.5	4	2.1	3	1.5	BIBB GA	-17	-28	-41	19	73
		1	11.4			BLECKLEY GA					
2	8.3	1	3.8	2	8.7	BROOKS GA	-54	129	4	48	93
1*	9.4	1	14.6			BRYAN GA	56				
1	3.0					BULLOCH GA					
2	3.6			1	2.8	BURKE GA			-22	30	77
		1	3.5			BUTTS GA					
2*	12.1	1	6.1	2*	14.4	CALHOUN GA	-49	134	19	54	96
1	6.0	1	2.1	1	3.5	CARROLL GA	-65	71	-41	19	80
1*	17.9	1*	16.4			CHARLTON GA	-8				
5	2.0	10	3.8	19*	6.6	CHATHAM GA	95	74	239	92	90
				1*	23.6	CHEROKEE GA					98
		1	2.7	1	.9	CLARKE GA		-66			72
		1	10.9	1	9.4	CLAY GA		-13			94
		2*	13.6	2	14.6	CLAYTON GA		7			96
1	4.5	2	6.4			COBB GA	42				
		1	5.0	1	4.3	COFFEE GA		-15			83
		1	4.7			COLQUITT GA					
		1	9.6			COOK GA					
		2	4.9	1	2.8	COWETA GA		-42			77
2*	13.3					CRAWFORD GA					
		1	2.0	2	7.6	CRISP GA		280			92
1	2.8					DECATUR GA					
1	2.5	1	1.2	6	2.2	DE KALB GA	-52	82	-13	36	75
1	6.5					DODGE GA					
1	5.0			1	4.6	DOOLY GA			-8	39	84
2	3.4	5	6.0	3	2.9	DOUGHERTY GA	78	-52	-14	35	78
		1	4.6			EMANUEL GA					
				2*	24.8	EVANS GA					98
		3	10.4	4*	9.2	FLOYD GA		-12			93
19	2.9	22	2.6	24	2.8	FULTON GA	-12	9	-4	42	77
				4	6.3	GLYNN GA					90
				1*	17.2	GORDON GA					97
1	4.5					GRADY GA					
				1	4.4	GREENE GA					83
				1	8.2	GWINNETT GA					93
2*	13.4					HALL GA					
				1	2.1	HANCOCK GA					75
1	5.3	1	5.2			HARRIS GA	-1				
		2*	16.9	1	4.9	HART GA		-71			85
				2	8.4	HENRY GA					93
1	2.9	1	3.5	5*	9.5	HOUSTON GA	19	172	225	91	94
		1	9.6	1	4.8	IRWIN GA		-49			85
		1	11.8			JACKSON GA					
		1	8.4			JASPER GA					
2	3.9			2	3.3	JEFFERSON GA			-17	33	79
		2*	8.7	2*	9.8	JENKINS GA		14			94
1	5.0					JONES GA					
2*	16.5			1	5.3	LAMAR GA			-68	07	87
		1*	18.1			LANIER GA					
1	2.5			2	5.0	LAURENS GA			99	76	86
1	6.6					LEE GA					
		1	3.9	1	3.9	LIBERTY GA		-2			81
1*	18.4			2*	23.3	LONG GA			26	57	98
1	1.4	2	3.4	4	6.8	LOWNDES GA	137	102	379	95	90
		1	3.4	1	4.5	MC DUFFIE GA		33			84

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LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				1	5.3	MC INTOSH GA					87
				1	3.3	MACON GA					79
1*	24.9					MADISON GA					
				2	5.0	MERIWETHER GA					86
1	3.1	5*	13.9			MITCHELL GA	348				
		1	5.7	1	5.2	MONROE GA		-10			87
				1	13.7	MONTGOMERY GA					96
1	.5	8	5.1	5	3.1	MUSCOGEE#GA	832	-40	462	96	78
		3*	13.9			NEWTON GA					
1*	8.0					OCONEE GA					
1	4.6					OGLETHORPE GA					
1	4.0	1	5.2			PEACH GA	30				
		1	13.3			PIERCE GA					
1	6.9	2	10.4			POLK GA	50				
2*	16.1			1	6.7	PULASKI GA			-58	10	90
				2*	12.6	PUTNAM GA					95
1*	7.3					QUITMAN GA					
				1	4.4	RANDOLPH GA					84
7	5.1	2	1.3	3	1.6	RICHMOND GA	-74	22	-68	06	73
1	2.9	2	3.9			SCREVEN GA	37				
				1	9.6	SEMINOLE GA					94
1	1.5	1	2.7			SPALDING GA	85				
		1	9.4			STEPHENS GA					
2	4.4	2	2.5	1	2.9	SUMTER GA	-43	14	-35	22	77
1	8.2					TALBOT GA					
				1	6.4	TAYLOR GA					90
				1	6.8	TELFAIR GA					91
2	6.6	1	4.5	1	3.1	TERRELL GA	-32	-32	-53	12	78
		4	7.5	3	5.5	THOMAS GA		-27			88
1	4.2	1	4.1	2	6.8	TIFT GA	-2	65	62	69	90
1	5.5	2	12.6			TOOMBS GA	129				
		3	6.4	1	1.6	TROUP GA		-75			73
				1	4.1	UPSON GA					82
				1	9.6	WALKER GA					94
2	6.4					WARE GA					
1	2.2	5*	14.7	2	4.8	WASHINGTON GA	584	-67	123	80	85
1	7.0	1	5.7			WAYNE GA	-19				
				1	5.2	WILKES GA					87
1	5.6					WILKINSON GA					
		1	2.3			WORTH GA					
		103*	5.6	137*	5.5	HAWAII HI		-2			
		12	4.4	15	4.8	HAWAII HI		9			85
		75*	6.0	102*	5.7	HONOLULU HI		-5			88
		4	3.0	5	2.8	KAUAI HI		-7			77
		12	6.1	15*	6.6	MAUI#HI		8			90
		3	5.7	3	3.7	IDAHO ID		-34			
				1	12.6	BANNOCK ID					95
		2*	25.3			BINGHAM ID					
				1*	165.8	BLAINE ID					99
				1	7.5	CANYON ID					92
		1*	25.4			ELMORE ID					
145*	4.5	190	4.3	232	4.0	ILLINOIS IL	-4	-7	-11		
1*	15.1	1	19.2			ADAMS IL	27				
		1	2.6	1	6.4	ALEXANDER IL		145			90
		1	4.7	1	4.1	CHAMPAIGN IL		-13			82
131*	5.3	160	4.5	194	4.1	COOK IL	-16	-8	-23	30	82
				1*	298.1	FULTON IL					99
1	6.7	1	4.5			JACKSON IL	-32				
		1	2.3			KANE IL					
				5*	8.9	KANKAKEE IL					93
1	1.6			3	4.6	LAKE IL			192	88	84
1*	53.0					LA SALLE IL					
				1*	28.9	LEE IL					98
				2*	30.4	MC LEAN IL					98
		4*	14.7	1	4.5	MACON IL		-69			84
1	2.4	1	1.8	2	4.1	MADISON IL	-26	134	73	71	82
1*	18.4	1*	17.6			MARION IL	-4				
		1*	19.6			MASSAC IL					
1	3.4	2	6.9	1	.7	PEORIA IL	102	-89	-78	02	72
		2	7.1			PULASKI IL					
		1	4.7			ROCK ISLAND IL					
3	1.9	11	4.8	11	4.8	ST CLAIR IL	149	0	150	85	85
2	6.7			2	5.9	SANGAMON IL			-11	36	89
1	4.4	1	3.8	2	7.8	VERMILION IL	-13	107	79	73	92
1	2.2			4	3.7	WILL IL			66	69	81
		1	2.6	1	2.4	WINNEBAGO IL		-6			76
38	4.1	42	3.5	57	3.6	INDIANA IN	-13	4	-10		
1	5.1	5*	11.8	1	1.3	ALLEN IN	133	-89	-75	02	73
				1	7.6	CLARK IN					92
2	11.1	3*	10.4			DELAWARE IN	-6				
		1	11.2	1	6.6	ELKHART IN		-41			90
1*	32.7	1*	23.6			FAYETTE IN	-28				
				1	7.2	GRANT IN					91
1*	8.8					HOWARD IN					
				1*	163.7	JAY IN					99
10	3.1	8	2.2	21	4.3	LAKE IN	-28	93	39	63	83
				3*	5.7	LA PORTE IN					88
				1*	37.5	LAWRENCE IN					99
				1	2.0	MADISON IN					74
18*	4.8	17	3.8	19	3.4	MARION IN	-22	-10	-30	25	79
				1	28.7	MONROE IN					98
3	11.4	4	7.3	4	5.0	ST JOSEPH IN	-36	-32	-56	11	86

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
		1*	4.1			TIPPECANOE	IN					
		2	3.9			VANDERBURGH	IN					
				2	8.6	VIGO	IN					93
2*	16.2					WAYNE	IN					
4	3.7	7	5.5	6	3.5	IOWA	IA	49	-36	-5		
		1	4.2	1	6.1	BLACK HAWK	IA		46			89
		1*	74.3			CERRO GORDO	IA					
				1*	188.7	DALLAS	IA					99
				1*	12.8	JOHNSON	IA					96
		1*	31.5			MONROE	IA					
3	8.5	2	4.3	2	2.8	POLK	IA	-49	-36	-68	07	77
1*	14.3	1	9.9	1	5.3	SCOTT	IA	-31	-46	-63	08	87
		1*	15.6			TAMA	IA					
20*	5.0	17	4.0	25	4.3	KANSAS	KS	-20	8	-14		
1*	9.1					ATCHISON	KS					
		1*	34.4			BARTON	KS					
				1*	29.8	BROWN	KS					98
		1*	28.1			DONIPHAN	KS					
		1	8.7			DOUGLAS	KS					
		1*	39.7	1*	24.6	HARVEY	KS		-38			98
1*	29.8					JOHNSON	KS					
1	6.7	1	5.1	1	3.2	LEAVENWORTH	KS	-24	-37	-52	13	79
1*	29.8					LYON	KS					
1	4.4			2	9.3	MONTGOMERY	KS			111	78	94
		1*	38.3			NEOSHO	KS					
1*	22.3					RENO	KS					
				1	1.7	RILEY	KS					74
		1*	112.4			RUSSELL	KS					
2	3.4	4	6.3	2	1.0	SEDGWICK	KS	86	-83	-69	05	73
3	6.8	2	4.3	4	7.9	SHAWNEE	KS	-36	83	17	53	92
		1*	182.1			WABAUNSEE	KS					
9*	7.0	3	2.0	13*	7.3	WYANDOTTE	KS	-72	264	3	47	91
33	3.1	38	3.6	40	3.8	KENTUCKY	KY	16	5	22		
1	6.5					BOURBON	KY					
		1*	34.1			BRECKINRIDGE	KY					
1*	20.4	1*	13.8	1*	30.7	CALDWELL	KY	-33	123	50	65	98
5*	9.7	2	4.0	1	2.1	CHRISTIAN	KY	-59	-48	-78	01	75
		1*	42.4			CUMBERLAND	KY					
1	7.0	1	6.3			DAVIESS	KY	-10				
4	3.7	4	4.2	3	3.2	FAYETTE	KY	13	-24	-14	35	78
		1	9.0			FRANKLIN	KY					
				1	14.9	FULTON	KY					96
1	13.8			1	8.0	GRAVES	KY			-42	18	92
2*	7.1					HARLAN	KY					
		1	4.6			HENDERSON	KY					
2*	10.5	1	6.4	2	7.2	HOPKINS	KY	-39	12	-32	24	91
8	2.1	17	4.7	20	5.0	JEFFERSON	KY	118	7	134	82	86
		1	6.1	1	5.2	KENTON	KY		-15			87
		1*	49.1			LAUREL	KY					
1*	17.0					LETCHER	KY					
		1*	18.3			LINCOLN	KY					
1	7.9			3*	24.1	LOGAN	KY			206	89	98
1	3.6	1	3.3	1	2.2	MC CRACKEN	KY	-8	-34	-39	20	75
1	7.4	1	5.2			MADISON	KY	-29				
		1*	17.0			MARION	KY					
		1	16.9			MASON	KY					
				1*	19.1	MONTGOMERY	KY					97
1*	26.8					PIKE	KY					
		1	10.6			SCOTT	KY					
				1	9.3	SHELBY	KY					93
1	11.2			1	10.8	TODD	KY			-4	42	94
2*	11.2					WAPPEN	KY					
				2*	20.5	WEBSTER	KY					97
				1	10.2	WOODFORD	KY					94
85	2.3	136	3.3	144	3.2	LOUISIANA	LA	42	-4	37		
		4*	8.7	2	5.5	ACADIA	LA		-36			88
		1	4.7	1	6.0	ALLEN	LA		28			89
		1	2.5	3	7.4	ASCENSION	LA		193			91
1	4.3	3*	13.4	2	5.1	ASSUMPTION	LA	210	-62	17	53	86
1	2.4	1	2.2			AVOYELLES	LA	-10				
2	4.5					BIENVILLE	LA					
1	1.9	3	5.1	6*	11.3	BOSSIER	LA	162	123	485	97	95
4	1.4	16	4.8	13	3.5	CADDO	LA	245	-27	152	85	80
2	2.8	7	7.2	3	2.7	CALCASIEU	LA	161	-62	-1	44	77
1	6.5					CALDWELL	LA					
1	1.8	2	3.7	1	1.6	CLAIBORNE	LA	106	-56	-9	38	74
1	2.9	1	3.0	2	5.0	CONCORDIA	LA	5	66	74	72	86
1	1.8	3	4.1	2	2.2	DE SOTO	LA	126	-45	24	56	75
1	.5	9	3.2	8	2.6	EAST BATON ROUGE	LA	526	-18	413	96	77
1	2.2					EAST CARROLL	LA					
1	2.1	1	2.5			EAST FELICIANA	LA	20				
1	4.2	7*	26.3			EVANGELINE	LA	527				
				1	2.2	FRANKLIN	LA					75
				1	5.5	GRANT	LA					88
2	3.9	2	4.7	4	5.8	IBERIA	LA	19	24	47	64	89
1	1.8	2	3.9	4	6.7	IBERVILLE	LA	115	74	273	93	90
3	3.2	5	3.3	6	3.2	JEFFERSON	LA	2	-4	-2	43	78
1	5.4	2	8.9			JEFFERSON DAVIS	LA	66				
		3	3.2	4	4.0	LAFAYETTE	LA		26			82
		3*	12.2			LAFOURCHE	LA					
1	3.0	2	4.3	4	7.2	LINCOLN	LA	45	67	142	83	91
3	6.1	2	4.3	3	4.9	MADISON	LA	-30	14	-20	31	85

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NON-WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
2	3.7	3	4.3			MOREHOUSE	LA	17				
4	4.7	1	1.3			NATCHITOCHES	LA	-72				
21	2.7	23	2.6	32	2.9	ORLEANS	LA	-4	14	9	50	78
3	3.1	5	4.1	2	1.5	OUACHITA	LA	33	-64	-52	13	73
2	10.1	1	5.4	1	5.0	PLAQUEMINES	LA	-46	-7	-50	14	86
1	2.3			2	5.0	POINTE COUPEE	LA			113	78	86
3	2.4	2	1.3	7	5.2	RAPIDES	LA	-46	295	111	78	87
		1	1.9	3	6.3	RICHLAND	LA		241			90
				1	7.0	SABINE	LA					91
1*	17.5					ST BERNARD	LA					
				2	6.2	ST CHARLES	LA					89
				1	3.1	ST JAMES	LA					78
1	5.1	2	3.6	1	2.6	ST JOHN THE BAPT	LA	-29	-28	-49	15	77
4	3.6	1	1.1	3	2.5	ST LANDRY	LA	-70	138	-30	25	76
1	3.8			2	5.2	ST MARTIN	LA			37	62	87
2	3.1	3	5.1	2	2.3	ST MARY	LA	63	-55	-27	28	75
1	2.7	1	2.5	4	7.8	ST TAMMANY	LA	-5	207	191	88	92
1	1.2	1	1.4	3	3.7	TANGIPAHOA	LA	15	166	206	89	81
1	2.0					TENSAS	LA					
2	4.3			1	2.7	TERREBONNE	LA			-37	21	77
		2	8.7			UNION	LA					
1	5.5					VERMILION	LA					
		1	2.1	4	7.3	WASHINGTON	LA		256			91
1	1.8	6*	9.9			WEBSTER	LA	454				
1	3.6	1	3.8	1	3.5	WEST BATON ROUGE	LA	6	-8	-3	43	80
1	3.6	2*	16.6			WEST CARROLL	LA	362				
1	4.4			1	5.7	WEST FELICIANA	LA			30	59	88
				1	3.8	WINN	LA					81
1	1.7					MAINE	ME					
1*	4.7					AROOSTOOK	ME					
50	2.8	77	3.4	107	3.8	MARYLAND	MD	22	12	37		
1	.9	4	4.0	5	3.5	ANNE ARUNDEL	MD	320	-12	270	93	80
3	3.9	3	3.2	3	2.6	BALTIMORE	MD	-18	-18	-33	24	77
1	3.9					CALVERT	MD					
1	5.2	2	11.9			CAROLINE	MD	129				
1	1.8	1	2.1	5*	13.3	CHARLES	MD	16	545	648	98	96
1	2.7	1	2.7	2	4.1	DORCHESTER	MD	0	53	52	67	82
		1	3.5	1	4.1	FREDERICK	MD		19			83
		2	8.0	2	5.5	HARFORD	MD		-31			88
		1	4.7			HOWARD	MD					
2	3.9	3	4.7	6	4.9	MONTGOMERY	MD	21	3	25	57	86
2	2.4	6	3.3	13	2.5	PRINCE GEORGE'S	MD	40	-25	5	48	76
3*	15.3	1	4.2	1	4.2	QUEEN ANNE'S	MD	-73	0	-73	03	83
		2	9.1	1	3.4	ST MARY'S	MD		-62			79
		2	4.9	1	2.5	SOMERSET	MD		-48			76
1	3.8	3	9.5	4*	14.1	TALBOT	MD	151	48	272	93	96
		1	2.1	4	7.9	WICOMICO	MD		274			92
2	6.1			1	4.3	WORCESTER	MD			-29	27	83
32	3.1	44	3.1	58	3.7	BALTIMORE CITY	MD	-2	20	17	53	81
19	5.3	28	5.3	31	4.2	MASSACHUSETTS	MA	0	-21	-21		
		2*	15.9			BARNSTABLE	MA					
1*	15.2	1	17.2			BERKSHIRE	MA	13				
				3	8.7	BRISTOL	MA					93
2*	18.5	2*	11.2	2	6.1	ESSEX	MA	-40	-45	-67	07	89
1	3.3	1	.8	4	4.3	HAMPDEN	MA	-75	429	30	59	83
5*	11.0	5	7.3	5	4.3	MIDDLESEX	MA	-34	-41	-61	09	83
				3	13.5	NORFOLK	MA					96
		1	3.5	4*	11.0	PLYMOUTH	MA		214			95
10	5.7	16	6.4	10	3.0	SUFFOLK	MA	12	-52	-47	16	78
69	2.8	138	4.3	180*	4.3	MICHIGAN	MI	52	1	54		
		1*	114.7			BARAGA	MI					
		4	6.8	4	5.9	BERRIEN	MI		-14			89
		3	9.1	2	2.7	CALHOUN	MI		-70			77
		2	9.6	2	9.1	CASS	MI		-5			93
2	2.1	10*	8.3	16*	8.4	GENESEE	MI	296	1	300	94	93
1*	54.2					GRAND TRAVERSE	MI					
1	4.7	2	9.7	1	1.9	INGHAM	MI	107	-80	-59	09	74
				1*	112.4	IONIA	MI					99
				1	.5	JACKSON	MI					72
1	6.2	2	6.9	1	3.8	KALAMAZOO	MI	11	-45	-39	20	81
		4	5.2	7*	7.1	KENT	MI		37			91
		1	10.3	1	5.7	LAKE	MI		-45			88
		1	3.6			MACOMB	MI					
		1*	245.4			MIDLAND	MI					
		1	10.6			MONROE	MI					
				2	3.4	MUSKEGON	MI					79
3	4.8	2	2.6	5	4.7	OAKLAND	MI	-46	82	-2	43	85
2	2.8			5	4.2	SAGINAW	MI			52	66	83
		1	8.4	2*	14.4	ST CLAIR	MI		72			96
1	7.5	1	4.9			VAN BUREN	MI	-34				
1	2.2	2	3.4			WASHTENAW	MI	52				
57	3.2	100	4.2	130	4.3	WAYNE	MI	29	4	34	60	83
8	5.7	5	2.7	8	3.5	MINNESOTA	MN	-52	29	-38		
5*	7.9	2	2.6	4	4.5	HENNEPIN	MN	-67	73	-44	17	84
3*	9.8	3	6.2	4	6.7	RAMSEY	MN	-36	8	-31	25	90
62	1.6	87	2.5	102	3.0	MISSISSIPPI	MS	60	18	89		
1	1.1	1	1.4	3	4.3	ADAMS	MS	22	203	271	93	83
		1	5.7			ALCORN	MS					

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	2.9					AMITE MS					
		2	5.3	1	3.8	ATTALA MS		-28			81
1	.4	1	.6	3	4.3	BOLIVAR MS	50	576	912	99	83
				1	5.8	CARROLL MS					89
				1	3.3	CHICKASAW MS					79
		1	8.8			CHOCTAW MS					
2	4.7	2	5.4	2	4.1	CLAIBORNE MS	13	-23	-13	36	82
		1	3.1	4*	15.1	CLARKE MS		387			97
				1	3.5	CLAY MS					80
1	.3	2	1.7	2	1.7	COAHOMA MS	409	1	413	96	74
1	2.0	1	1.2			COPIAH MS	-40				
				1	4.6	COVINGTON MS					84
				3	6.6	DE SOTO MS					90
1	1.5	4	7.3	2	3.4	FORREST MS	389	-53	130	82	79
1*	5.2					GREENE MS					
				1	2.8	GRENADA MS					77
		2*	21.8			HANCOCK MS					
2	3.1	5	6.7	1	1.5	HARRISON MS	120	-78	-51	14	73
7	2.9	7	2.9	13	4.5	HINDS MS	-2	58	55	67	84
2	2.6	3	3.4			HOLMES MS	33				
2	2.9	2	5.7	1	2.4	HUMPHREYS MS	93	-58	-18	32	76
2*	12.0			1	18.2	ISSAQUENA MS			51	66	97
		3	6.7	2	1.5	JACKSON MS		-77			73
1	3.4	1	1.4	2	4.4	JASPER MS	-58	216	31	60	84
1	3.6	1	3.4			JEFFERSON MS	-5				
		3	4.4	1	1.5	JONES MS		-65			73
1	3.1			1	3.4	LAFAYETTE MS			11	50	79
1	12.5			1	9.9	LAMAR MS			-20	31	94
2	2.0	1	1.4	2	2.0	LAUDERDALE MS	-30	42	-1	44	74
2	7.4			2	5.6	LEAKE MS			-24	29	88
2	4.2	2	5.9	3	7.8	LEE MS	41	31	85	74	92
		1	.4	3	3.1	LEFLORE MS		612			78
1	2.5	2	5.9	1	4.0	LINCOLN MS	130	-32	57	68	82
1	.6	2	3.6	1	1.0	LOWNDES MS	470	-72	60	68	73
1	.4	1	1.9	2	3.0	MADISON MS	345	55	592	98	78
2	5.8	2	7.2	2	7.3	MARION MS	25	1	26	57	91
		1	2.0			MARSHALL MS					
1	2.4	1	1.6			MONROE MS	-34				
				1	4.5	MONTGOMERY MS					84
1	4.9	1	6.1	1	4.6	NESHOBA MS	25	-24	-5	41	84
1	5.0			1	5.1	NEWTON MS			3	47	87
		2	4.0	3	6.8	NOXUBEE MS		69			90
1	2.3	2	6.5	1	2.0	OKTIBBEHA MS	178	-70	-16	34	74
1	1.7			1	1.1	PANOLA MS			-34	23	73
2*	23.8					PERRY MS					
		2	2.9			PIKE MS					
		2*	18.7			PONTOTOC MS					
1	2.0	1	1.9			QUITMAN MS	-1				
		2	3.4			RANKIN MS					
		1	3.0	2	4.9	SCOTT MS		65			85
		1	1.6			SHARKEY MS					
				1	3.4	SIMPSON MS					79
		1	8.2			SMITH MS					
2	1.6			2	1.9	SUNFLOWER MS			23	56	74
		1	1.3	1	2.1	TALLAHATCHIE MS		60			75
		2	6.1	1	2.8	TATE MS		-54			77
				1	5.6	TIPPAH MS					88
		1	2.0	1	5.5	TUNICA MS		180			88
1	3.9					WALTHALL MS					
2	2.6	3	3.2	4	5.4	WARREN MS	22	67	104	77	88
3	2.0	4	2.9	7	4.4	WASHINGTON MS	50	50	125	81	84
3*	12.8			2	8.8	WAYNE MS			-31	25	93
1	2.1	3	7.4	2	4.4	WILKINSON MS	248	-41	106	78	84
1	1.5	1	2.4	2	4.8	WINSTON MS	57	100	215	90	85
				1	3.2	YALOBUSHA MS					79
2	2.2	1	1.1	3	4.7	YAZOO MS	-52	347	115	79	85
53	3.4	73	4.2	76	3.8	MISSOURI MO	21	-10	9		
		1*	172.0			ADAIR MO					
		1	21.8	1	14.9	AUDRAIN MO		-32			96
		1	5.6	2	5.4	BOONE MO		-2			88
		2*	16.2	1	7.6	BUCHANAN MO		-53			92
				1	11.2	BUTLER MO					95
				1	9.3	CALLAWAY MO					93
				1	13.4	CAPE GIRARDEAU MO					96
1*	21.8	1*	59.0			CHARITON MO	170				
1*	112.4					CLARK MO					
1	7.0	1	8.8			COLE MO	26				
1*	86.0					DAVIESS MO					
				1*	22.8	FRANKLIN MO					98
				1	7.0	GREENE MO					91
11	3.1	17	4.5	13	2.6	JACKSON MO	46	-42	-15	35	77
1*	15.7					JASPER MO					
		1*	10.1			LAFAYETTE MO					
				1*	15.7	LINCOLN MO					97
				1	19.7	MARION MO					97
1	3.4					MISSISSIPPI MO					
				1*	74.5	MONROE MO					99
2	4.6	3	7.9	1	2.0	PEMISCOT MO	74	-75	-56	11	74
1	9.6	2*	31.6			PIKE MO	231				
1*	11.1					RANDOLPH MO					
1*	86.0					ST CLAIR MO					
		8	7.4	11	4.2	ST LOUIS COUNTY MO		-43			83
				1	13.6	SALINE MO					96
		1	7.0			SCOTT MO					
31	4.2	34	3.8	38	4.0	ST LOUIS CITY MO	-11	6	-6	41	82
2	2.8	1	.8	4	3.4	MONTANA MT	-73	339	20		

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
		1	5.3	1	4.0	BIG HORN	MT		-25			82
				1*	12.4	BLAINE	MT					95
1*	70.7					DEER LODGE	MT					
				1	4.9	GLACIER	MT					86
1*	29.8					LAKE	MT					
				1	12.7	YELLOWSTONE	MT					95
2	1.7	3	2.2	3	1.9	NEBRASKA	NB	27	-15	8		
1	1.2	2	1.9	3	2.8	DOUGLAS	NB	60	49	138	83	77
		1*	28.1			SCOTTS BLUFF	NB					
1*	424.0					YORK	NB					
1	1.8	3	3.6	3	1.5	NEVADA	NV	98	-59	-19		
1	4.1	2	2.1	1	.4	CLARK	NV	-50	-82	-91	00	72
		1	14.1	2	6.7	WASHOE	NV		-53			90
1*	11.8			3*	13.9	NEW HAMPSHIRE	NH			18		
1*	196.5					BELKNAP	NH					
				3*	43.2	ROCKINGHAM	NH					99
68*	4.0	77	3.1	138	4.5	NEW JERSEY	NJ	-22	44	12		
4	3.4	7	5.8	9	6.2	ATLANTIC	NJ	69	7	81	74	90
2	2.6	1	.8	7	4.4	BERGEN	NJ	-68	421	69	70	83
3	6.8			5	5.6	BURLINGTON	NJ			-17	33	88
6	4.3	5	3.5	9	5.1	CAMDEN	NJ	-17	44	19	54	86
				2	6.2	CAPE MAY	NJ					89
		2	2.6	1	2.5	CUMBERLAND	NJ		-4			76
26*	4.7	22	2.7	53*	5.3	ESSEX	NJ	-42	93	13	51	87
1	2.4	1	1.7	1	1.4	GLOUCESTER	NJ	-30	-18	-43	17	73
5	4.5	15*	8.3	13	4.3	HUDSON	NJ	84	-49	-6	41	83
3	1.8	4	2.3	5	2.9	MERCER	NJ	32	23	63	69	78
		2	2.0	5	5.0	MIDDLESEX	NJ		155			86
5	4.5	7	4.3	4	2.5	MONMOUTH	NJ	-5	-42	-45	16	76
2	6.9			1	.8	MORRIS	NJ			-88	00	72
				2	7.3	OCEAN	NJ					91
3	4.3	4	4.4	5	3.5	PASSAIC	NJ	3	-22	-19	31	80
2	6.9			1	2.2	SALEM	NJ			-69	06	75
				1	1.4	SOMERSET	NJ					73
				1*	24.8	SUSSEX	NJ					98
6	5.1	7	2.9	13	5.2	UNION	NJ	-42	76	2	46	87
5	2.1	13	5.0	8	1.6	NEW MEXICO	NM	140	-68	-24		
1	2.0	2	4.4	1	.6	BERNALILLO	NM	115	-85	-69	06	72
				1	6.9	CHAVES	NM					91
				1*	267.9	DE BACA	NM					99
		1*	21.0			EDDY	NM					
1*	9.6	1	9.4	1	6.7	LEA	NM	-2	-28	-30	25	90
1	1.1	2	2.2			MC KINLEY	NM	102				
		1	18.4			OTERO	NM					
		1	12.2			RIO ARRIBA	NM					
1	4.4			1	2.4	SANDOVAL	NM			-45	16	76
		4	9.6	2	2.2	SAN JUAN	NM		-77			75
1	5.8	1	5.2	1	2.7	VALENCIA	NM	-10	-47	-53	13	77
172*	3.6	269	4.2	379	4.3	NEW YORK	NY	15	3	18		
1	1.8	2	3.6	4	6.1	ALBANY	NY	97	71	237	92	89
20	3.8	29	3.9	50	3.6	BRONX	NY	2	-8	-6	40	80
				1	5.1	BROOME	NY					87
				1	9.5	CAYUGA	NY					94
				1	14.4	CHAUTAUQUA	NY					96
1	9.7			1	14.9	CHEMUNG	NY			53	67	96
		3	6.2	1	2.1	DUTCHESS	NY		-66			75
6	1.9	14	4.9	20	4.7	ERIE	NY	156	-4	146	84	85
		1	7.0			FRANKLIN	NY					
35	3.9	43	2.2	83	3.9	KINGS(BROOKLYN)	NY	-42	76	2	45	82
2	3.5	3	1.9	9	6.2	MONROE	NY	-45	223	77	72	89
1	.8	7	5.0	19*	6.2	NASSAU	NY	530	23	673	99	89
80*	4.6	111*	6.1	80	3.9	NEW YORK(MANHATTAN)	NY	33	-35	-14	35	82
2	6.2	4*	16.4	1	5.0	NIAGARA	NY	165	-70	-20	31	86
2*	13.5			1	2.6	ONEIDA	NY			-81	01	76
		1	2.2	5	7.6	ONONDAGA	NY		250			92
3*	11.0	6*	12.1	2	3.3	ORANGE	NY	10	-73	-70	05	79
				1	7.6	ORLEANS	NY					92
13	3.2	24	2.7	58	5.1	QUEENS	NY	-16	89	58	68	86
1*	16.4					RENSSELAER	NY					
1	2.5			1	1.6	RICHMOND	NY			-37	21	73
		3	8.3	5*	8.1	ROCKLAND	NY		-2			93
				2*	35.7	SARATOGA	NY					99
		1	6.8	1	5.6	SCHENECTADY	NY		-18			88
		7	3.9	11	4.7	SUFFOLK	NY		20			85
				1	3.5	SULLIVAN	NY					80
				3*	12.8	ULSTER	NY					95
1*	30.7			1	10.9	WAYNE	NY			-65	08	95
3	1.6	10	3.8	16	4.5	WESTCHESTER	NY	134	19	179	87	84
85	2.1	114	2.8	166	3.6	NORTH CAROLINA	NC	30	31	71		
1	1.2	1	1.8	3	3.8	ALAMANCE	NC	54	112	228	91	81
1*	27.3					ALEXANDER	NC					
				1*	196.5	ALLEGHANY	NC					99
		2	5.4	1	2.5	ANSON	NC		-53			76
		2	3.4			BEAUFORT	NC					
1	1.7	2	4.9	3	5.9	BERTIE	NC	183	20	239	92	89
2	3.7	1	1.0	2	4.9	BLADEN	NC	-72	369	33	60	85

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NON-WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				1	3.6	BRUNSWICK	NC					80
1	1.1	2	2.6	3	5.0	BUNCOMBE	NC	141	90	357	95	86
		1	10.2			BURKE	NC					
1	2.2	2	4.3	2	4.5	CABARRUS	NC	99	4	106	77	84
1*	11.8	1	13.3	1	13.6	CAMDEN	NC	12	3	16	52	96
1	10.4	2*	24.5	1	14.1	CARTERET	NC	135	-43	35	60	96
		1	3.9			CASWELL	NC					
2*	7.1	2	7.4	4*	12.6	CATAWBA	NC	4	70	77	73	95
1	6.5			1	3.6	CHOWAN	NC			-44	17	80
2	4.7	1	1.0	3	5.9	CLEVELAND	NC	-78	472	24	56	89
2	2.9	2	3.9	1	1.2	COLUMBUS	NC	31	-69	-59	10	73
1	2.0	5	7.7	3	4.5	CRAVEN	NC	282	-41	123	80	84
3	4.6	3	2.2	7	4.2	CUMBERLAND	NC	-51	88	-7	40	83
				1	14.7	CURRITUCK	NC					96
		1*	49.7			DARE	NC					
				1	8.4	DAVIE	NC					93
2	4.6	2	4.0	1	2.0	DUPLIN	NC	-13	-50	-56	11	74
9*	5.8	4	2.6	5	2.7	DURHAM	NC	-56	6	-53	12	77
2	2.5	5	4.9	2	2.0	EDGECOMBE	NC	99	-59	-19	32	74
5	4.1	4	2.0	6	3.2	FORSYTH	NC	-52	63	-22	30	79
1	2.1					FRANKLIN	NC					
				2	2.9	GASTON	NC					78
1	2.3	1	4.7	1	4.7	GATES	NC	101	0	101	76	85
		1	2.3			GRANVILLE	NC					
				1	3.8	GREENE	NC					81
6	4.1	9	4.3	10	3.7	GUILFORD	NC	5	-14	-9	38	81
3	1.9	2	2.2	1	.9	HALIFAX	NC	18	-57	-49	15	73
				1	2.2	HARNETT	NC					75
		1	7.8			HENDERSON	NC					
2	3.8			2	3.2	HERTFORD	NC			-17	33	78
				3	11.2	HOKE	NC					95
		1	9.3			HYDE	NC					
1	2.1			1	2.0	IREDELL	NC			-4	42	74
		1	14.1			JACKSON	NC					
2	3.5			1	1.9	JOHNSTON	NC			-45	17	74
1	4.3	1	5.8			JONES	NC	35				
				5*	20.0	LEE	NC					97
		1	2.0	7*	9.3	LENOIR	NC		362			93
1	6.2					LINCOLN	NC					
1	2.3	1	1.3	2	4.3	MARTIN	NC	-43	226	86	75	83
4	1.7	5	1.9	11	3.9	MECKLENBURG	NC	13	105	132	82	81
				1	5.1	MONTGOMERY	NC					87
				3	6.4	MOORE	NC					90
		1	2.9	2	2.1	NASH	NC		-28			74
3	3.3	3	3.2	1	1.2	NEW HANOVER	NC	-3	-63	-64	08	73
		1	2.4	2	3.5	NORTHAMPTON	NC		48			80
		1	1.7	1	2.4	ONSLOW	NC		40			76
1	3.7			1	2.5	ORANGE	NC			-32	24	76
		1	16.1			PAMLICO	NC					
		2	5.3	2	5.1	PASQUOTANK	NC		-4			86
1	3.2			1	2.6	PENDER	NC			-16	34	77
		1	5.2	1	8.7	PERQUIMANS	NC		68			93
1	6.6	1	1.6	1	1.8	PERSON	NC	-76	15	-73	03	74
2	1.4	3	3.7	4	3.6	PITT	NC	163	-3	155	85	80
1*	17.0					POLK	NC					
		1	7.3			RANDOLPH	NC					
		1	2.7	3	5.2	RICHMOND	NC		92			87
3	2.9	9	6.4	2	.8	ROBESON	NC	119	-88	-73	03	72
1	1.8	1	1.6	3	4.5	ROCKINGHAM	NC	-10	174	146	84	84
		3	4.7	4	7.4	ROWAN	NC		56			91
1	2.3	1	1.5	2	2.6	SAMPSON	NC	-33	70	14	52	76
		1	2.3	7*	16.4	SCOTLAND	NC		600			97
1	7.2	2	9.2	2	8.2	STANLY	NC	27	-11	13	52	93
				1	12.6	STOKES	NC					95
1	10.7			2*	19.3	SURRY	NC			80	74	97
				2*	18.3	SWAIN	NC					97
		1	2.6	2	6.4	UNION	NC		146			90
2	4.4	1	2.4	3	5.6	VANCE	NC	-45	132	28	58	88
2	1.1	4	2.2	2	.8	WAKE	NC	95	-63	-28	28	72
		1	2.3	2	4.2	WARREN	NC		85			83
		1	6.1	2	9.4	WASHINGTON	NC		54			94
3	2.4	1	.7	5	4.8	WAYNE	NC	-71	606	102	77	85
1	.6	2	2.2	1	1.6	WILSON	NC	270	-27	169	86	73
		2	6.5	3	5.7	NORTH DAKOTA	ND		-13			
		1*	22.3			BENSON	ND					
				1*	45.5	CASS	ND					99
				1*	112.4	MC KENZIE	ND					99
				1	3.3	ROLETTE	ND					79
		1*	20.2			SIOUX	ND					
101*	4.0	154*	4.6	188*	4.7	OHIO	OH	17	1	19		
		1	4.2	2	5.4	ALLEN	OH		26			87
				1	7.7	ASHTABULA	OH					92
		1*	38.3			ATHENS	OH					
				1	10.7	BELMONT	OH					94
1	1.2	3	9.4	1	2.7	BUTLER	OH	667	-71	119	79	77
3	5.0	2	3.7			CLARK	OH	-27				
				1*	32.1	CLINTON	OH					98
		1	12.0			COLUMBIANA	OH					
23	3.1	52	5.1	57	4.4	CUYAHOGA	OH	63	-14	41	63	84
				1*	12.5	DELAWARE	OH					95
		1	7.2	1	4.9	ERIE	OH		-33			85
13	5.1	9	2.6	12	3.1	FRANKLIN	OH	-50	20	-40	19	78
				1*	17.0	GEAUGA	OH					97
		1	4.3	2	4.8	GREENE	OH		12			85
25*	6.1	30*	5.4	32	5.2	HAMILTON	OH	-11	-5	-15	35	87
1*	49.1					HURON	OH					

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NON-WHITE MALE

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ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S 1970S
				1*	49.2	JACKSON OH				99
1	4.0	2	9.2	1	4.2	JEFFERSON OH	129	-54	5	49 83
		1*	46.9			KNOX OH				
				1	9.6	LAKE OH				94
				1	14.2	LAWRENCE OH				96
1*	13.3			1	12.3	LICKING OH			-7	40 95
1	1.4	2	3.3	3	4.0	LOGAIN OH	128	22	178	87 82
3	1.5	8	3.8	8	3.5	LUCAS OH	151	-8	131	82 80
1	21.2					MADISON OH				
7	4.7	8	5.2	9	5.1	MAHONING OH	10	-2	8	50 87
1*	24.9			2*	37.7	MARION OH			51	05 99
				1	8.5	MIAMI OH				93
9	4.7	17*	7.7	19*	5.8	MONTGOMEPY OH	63	-25	21	55 89
		1	8.5	1	4.9	MUSKINGUM OH		-43		85
				1*	100.7	PERRY OH				99
1*	84.8					PICKAWAY OH				
				1	6.5	PORTAGE OH				90
				1	3.2	RICHLAND OH				78
		1	5.1			ROSS OH				
				1	10.3	SCIOTO OH				94
				1*	34.2	SHELBY OH				98
2	2.3	1	1.3	7*	7.1	STAPK OH	-46	459	202	89 91
4	3.2	11	7.3	14*	8.0	SUMMIT OH	127	10	149	84 92
2	8.7	1	1.8	1	2.0	TRUMBULL OH	-79	12	-77	02 74
				1*	47.2	UNION OH				99
1*	33.5					WARREN OH				
1*	70.1					WOOD OH				
22	2.5	32	3.1	44	3.4	OKLAHOMA OK	25	7	34	
1	8.5	1	6.9	2	10.1	ADAIR OK	-19	47	20	55 94
				1	15.6	ATOKA OK				97
1*	11.4					BLAINE OK				
				1	5.2	CADDO OK				87
		1	4.7	2	7.6	CARTEP OK		61		92
1	9.4			3*	11.9	CHEPOKEE OK			27	57 95
2*	8.5					CHOCTAW OK				
1*	19.6					CLEVELAND OK				
		1	2.2	1	2.1	COMANCHE OK		-2		75
				1	12.0	CPAIG OK				95
				1	4.7	CREEK OK				85
2*	32.3					GARFIELD OK				
				1	9.6	GRADY OK				94
1*	17.9					JOHNSTON OK				
		1*	14.1			KINGFISHER OK				
1	7.3	1	7.1	1	5.2	LE FLOPE OK	-4	-26	-29	27 87
		2*	38.8			LINCOLN OK				
		2	12.5			LOGAN OK				
				1*	27.0	LOVE OK				98
				1*	14.9	MC CLAIN OK				96
2	5.2			3	7.8	MC CURTAIN OK			50	65 92
				1	10.8	MC INTOSH OK				95
		1	7.8	1	7.1	MAYES OK		-9		91
				1*	17.9	MURPAY OK				97
		3	3.9	1	1.0	MUSKOGEE OK		-75		73
1*	24.9					NOBLE OK				
				1	9.3	OKFUSKEE OK				93
3	2.1	10	5.6	6	2.3	OKLAHOMA OK	161	-59	7	49 75
1	2.5					OKMULGEE OK				
				1	4.9	OSAGE OK				86
		1	12.6			OTTAWA OK				
				1*	22.3	PAWNEE OK				98
1*	14.8	2*	27.8			PONTOTOC OK	88			
				1	5.6	POTTAWATOMIE OK				88
				1*	27.3	PUSHMATAHA OK				98
		1	3.6			SEMINOLE OK				
				1	19.0	STEPHENS OK				97
		1	11.8			TILLMAN OK				
3	2.5	2	1.3	7	3.4	TULSA OK	-46	153	36	62 79
1	4.1	2	9.1	1	4.2	WAGONER OK	121	-54	2	45 83
				1	10.5	WASHINGTON OK				94
9*	5.9	8	3.9	9	3.2	OREGON OR	-33	-19	-46	
				2*	19.6	CLACKAMAS OR				97
1*	31.0					HOOD RIVER OR				
8*	8.5	7	5.6	6	3.7	MULTNOMAH OR	-33	-35	-57	10 80
		1*	9.5	1	26.8	UMATILLA OR		182		98
111	3.4	147	3.8	180	4.2	PENNSYLVANIA PA	10	11	23	
24	4.2	27	4.0	36	5.3	ALLEGHENY PA	-5	34	28	58 87
		1*	27.3			ARMSTRONG PA				
1	1.8	2	4.2	1	2.3	BEAVER PA	132	-45	29	58 76
1	6.1			2	6.2	BEPKS PA			2	46 89
		2	9.9	3	6.7	BUCKS PA		-32		90
		1	5.2			CAMBPIA PA				
1*	133.9					CENTRE PA				
		4	4.9	3	3.4	CHESTER PA		-31		79
1*	19.2			1	11.6	CUMBERLAND PA			-40	20 95
1	1.5	7*	7.8	11*	9.6	DAUPHIN PA	408	23	526	97 94
5	3.6	4	2.4	3	1.8	DELAWARE PA	-33	-26	-50	14 74
		1	3.8	2	5.5	ERIE PA		45		88
1	2.6	2	7.6	3	8.3	FAYETTE PA	199	9	224	91 93
				1	11.1	FRANKLIN PA				95
1	8.9	1	5.7	1	2.1	LANCASTER PA	-37	-63	-76	02 75
1	7.8					LAWRENCE PA				
1*	14.4	1	12.4			LEHIGH PA	-14			
1	3.5			1	7.0	MERCER PA			100	76 91
2*	65.5			1*	17.6	MONROE PA			-73	03 97

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
6*	7.8	3	3.8	6	6.4	MONTGOMERY	PA	-52	70	-19	32	90
1	9.9			1	8.9	NORTHAMPTON	PA			-10	38	93
57	3.0	89	3.9	100	3.8	PHILADELPHIA	PA	29	-1	28	58	81
1*	38.2					VENANGO	PA					
1	2.9			2	3.3	WASHINGTON	PA			13	51	79
4*	11.1					WESTMORELAND	PA					
		2	17.3	2	6.1	YORK	PA		-65			89
5*	4.9	1	1.6	3	1.9	RHODE ISLAND	RI	-68	18	-62		
1*	422.1					BRISTOL	RI					
				1*	19.5	KENT	RI					97
		1	13.3			NEWPORT	RI					
3	4.4			2	1.4	PROVIDENCE	RI			-69	06	73
1*	15.9					WASHINGTON	RI					
63	2.3	95	3.4	96	3.1	SOUTH CAROLINA	SC	47	-9	34		
1	4.3			1	3.9	ABBEVILLE	SC			-11	37	81
1	1.6	3	2.5	3	3.3	AIKEN	SC	54	31	103	77	79
2	5.8	1	2.3	1	5.5	ALLENDALE	SC	-61	140	-5	41	88
		2	2.5	2	2.2	ANDERSON	SC		-14			75
		1	1.7	1	3.3	BAMBERG	SC		99			79
		1	2.0	2	6.4	BARNWELL	SC		225			90
		2	3.8	3	5.3	BEAUFORT	SC		40			87
2	6.6	2	2.8	2	2.0	BERKELEY	SC	-57	-29	-70	05	74
1	5.4	1	4.6	1	3.8	CALHOUN	SC	-15	-17	-30	26	81
9	4.3	13	5.2	14	4.2	CHARLESTON	SC	21	-19	-2	43	83
3	5.2	1	1.3	1	2.3	CHESTER	SC	-76	81	-56	11	75
1	2.5	2	5.6			CHESTERFIELD	SC	127				
1	.6	2	2.3	3	5.5	CLARENDON	SC	280	143	823	99	88
2	4.0	1	2.5	2	4.0	COLLETON	SC	-39	62	-1	44	82
2	3.0	2	2.2	5	6.9	DARLINGTON	SC	-27	212	127	81	91
		4*	9.7			DILLON	SC					
1	2.5	3	7.4	2	2.7	DORCHESTER	SC	201	-64	10	50	77
		1	3.0	1	3.6	EDGEFIELD	SC		18			80
3	8.8	1	3.3			FAIRFIELD	SC	-62				
1	.7	3	2.7	2	1.7	FLORENCE	SC	296	-39	142	83	74
3	6.0	2	4.0	3	6.3	GEORGETOWN	SC	-33	57	5	48	90
4	2.7	6	4.9	4	2.2	GREENVILLE	SC	84	-55	-17	33	75
		3	7.7	1	1.6	GREENWOOD	SC		-79			73
		1	3.7	1	2.5	HAMPTON	SC		-33			76
		2	4.7			HORRY	SC					
1	3.4	1	3.7			JASPER	SC	8				
2	4.8					KERSHAW	SC					
				2	6.2	LANCASTER	SC					89
3	5.4	1	2.0	1	2.1	LAURENS	SC	-64	4	-62	09	74
		1	2.5	3	8.4	LEE	SC		236			93
1	2.9	2	5.7	1	2.4	LEXINGTON	SC	95	-57	-17	34	76
1	.7	2	4.0	2	3.6	MARION	SC	445	-9	395	95	80
1	2.5	1	2.3	3	7.4	NEWBERRY	SC	-9	227	197	89	91
4	2.1	4	3.2	3	1.8	ORANGEBURG	SC	52	-45	-16	34	74
		1	3.3	3*	14.5	PICKENS	SC		344			96
7	2.6	10	3.8	3	.8	RICHLAND	SC	45	-79	-70	04	72
				1	4.7	SALUDA	SC					85
2	2.0	4	3.0	7	4.1	SPARTANBURG	SC	50	40	110	78	83
3	2.1	2	2.1	6	4.1	SUMTER	SC	-2	99	94	75	82
		1	3.3	1	3.7	UNION	SC		10			81
		1	1.2	3	4.2	WILLIAMSBURG	SC		245			83
1	1.7	4	5.7	2	3.4	YORK	SC	227	-41	94	75	79
2	1.5	4	5.0	2	2.1	SOUTH DAKOTA	SD	227	-58	38		
				1*	74.3	CORSON	SD					99
		1	15.1			DEWEY	SD					
		1*	112.4			LINCOLN	SD					
1*	20.2					PENNINGTON	SD					
1*	6.9			1*	19.1	ROBERTS	SD			179	87	97
		1	5.2			SHANNON	SD					
		1*	49.1			TRIPP	SD					
53	2.2	98	3.9	114	4.3	TENNESSEE	TN	76	9	92		
		1	27.0			ANDERSON	TN					
2*	16.3					BEDFORD	TN					
1	8.5	2*	14.6			BLOUNT	TN	72				
1*	53.6					CAMPBELL	TN					
				2*	13.9	CARROLL	TN					96
		1*	141.3			CLAIBORNE	TN					
1*	32.2	1*	38.4			COCKE	TN	19				
		1	10.3			CROCKETT	TN					
6	2.1	16	4.9	14	3.8	DAVIDSON	TN	129	-23	77	72	81
				1*	16.9	DICKSON	TN					97
1	3.7	1	3.9	1	3.9	DYER	TN	4	2	6	49	82
2	3.1	2	4.0	2	2.3	FAYETTE	TN	29	-42	-25	29	76
		1	9.1	1	8.4	FRANKLIN	TN		-8			93
1	2.2	1	2.9			GIBSON	TN	28				
		1	8.4	1	5.4	GILES	TN		-36			88
				1*	163.6	GRAINGER	TN					99
1*	16.7					GREENE	TN					
3	1.9	9	4.9	10	4.9	HAMILTON	TN	158	0	158	86	86
				1	3.3	HARDEMAN	TN					79
		1*	10.5			HARDIN	TN					
				1*	26.8	HAWKINS	TN					98
1	1.5	2	3.7			HAYWOOD	TN	144				
1*	15.1					HENDERSON	TN					
				2	9.4	HENRY	TN					94
3	2.7	8*	7.6	6	5.8	KNOX	TN	181	-24	114	79	89
1	2.6					LAUDERDALE	TN					
		1	9.6			LINCOLN	TN					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
1*	70.7					LOUDON	TN					
		1*	490.8			MACON	TN					
4	4.3	1	.9	2	2.6	MADISON	TN	-80	204	-39	20	77
		1*	14.9			MARION	TN					
		1	11.4			MARSHALL	TN					
		2	5.7	3	6.8	MAURY	TN		18			90
1	1.1					MONTGOMERY	TN					
1	6.6	1	7.1	1	6.8	OBION	TN	7	-3	3	47	91
		1	5.1	1	4.9	ROBERTSON	TN		-5			85
1	2.9	2	6.6	2	4.8	RUTHERFORD	TN	130	-27	69	70	85
18	2.1	38	3.9	55*	5.3	SHELBY	TN	87	36	153	85	87
1	5.3			1	3.5	SUMNER	TN			-34	23	80
1	2.4			2	7.4	TIPTON	TN			209	90	91
		1	5.1	1	8.0	WASHINGTON	TN		59			92
				2	7.8	WILLIAMSON	TN					92
				1	4.3	WILSON	TN					83
117	2.5	174	3.3	251	3.5	TEXAS	TX	32	4	38		
2	4.5	2	3.8			ANDERSON	TX	-16				
				1	2.4	ANGELINA	TX					76
				1*	28.9	ARANSAS	TX					98
1	7.2					AUSTIN	TX					
		1	4.6			BASTROP	TX					
		1	1.2	2	2.2	BELL	TX		84			75
6	4.0	13*	6.4	14	3.7	BEXAR	TX	61	-43	-8	39	81
1	1.6	2	3.0	3	4.6	BOWIE	TX	87	52	183	87	84
1	3.7	3	6.3			BRAZORIA	TX	70				
1	2.8					BRAZOS	TX					
		1*	27.1	1	24.8	BROWN	TX		-9			98
				1	4.0	BURLESON	TX					82
		1	5.8	1	4.1	CALDWELL	TX		-29			82
1	1.5			2	5.9	CASS	TX			303	94	89
1	2.6			1	1.8	CHEROKEE	TX			-33	24	74
1*	45.5					COLEMAN	TX					
1	6.9	1	4.0	1	5.2	COLOPADO	TX	-42	29	-25	29	87
				1*	57.3	COMAL	TX					99
12	2.7	18	3.1	31	3.7	DALLAS	TX	13	21	36	61	81
		1*	15.1			DAWSON	TX					
				1*	16.1	DELTA	TX					97
				2	15.0	DENTON	TX					97
		1	4.9			DE WITT	TX					
				1*	89.3	DONLEY	TX					99
				1	2.3	ECTOR	TX					75
1	1.5					ELLIS	TX					
2	6.8	1	4.7	3	1.0	EL PASO	TX	-32	-80	-86	00	73
1	3.2	1	2.2	2	6.1	FALLS	TX	-31	173	89	75	89
		1	5.5			FANNIN	TX					
				1	4.6	FAYETTE	TX					84
1	3.1	1	2.9	1	2.2	FORT BEND	TX	-6	-25	-29	26	75
1	6.5					FREESTONE	TX					
5	4.5	3	2.4	4	2.6	GALVESTON	TX	-48	10	-43	18	77
2*	13.7					GONZALES	TX					
		1*	26.5			GRAY	TX					
1	3.1	1	4.6	3	9.4	GRAYSON	TX	47	104	201	89	94
2	3.2	4	5.1	4	5.6	GREGG	TX	58	9	72	71	88
2	8.9	3*	10.0	1	3.0	GRIMES	TX	12	-70	-67	07	78
		2	8.8			GUADALUPE	TX					
		1*	24.9			HALE	TX					
		1*	30.3			HALL	TX					
				1	4.5	HARDIN	TX					84
27	3.5	36	3.4	53	3.7	HARRIS	TX	-5	10	5	48	81
3	2.7	3	3.5	6	8.0	HARRISON	TX	28	128	192	88	92
				1	5.2	HILL	TX					87
		2*	38.5			HOCKLEY	TX					
		1	9.2	2*	16.6	HOPKINS	TX		79			97
1	2.7	1	3.7	1	2.4	HOUSTON	TX	39	-35	-11	37	76
		1	4.0	1	3.3	HUNT	TX		-19			79
				2*	21.1	JACKSON	TX					97
3	1.4	9	4.4	11	4.2	JEFFERSON	TX	219	-4	207	90	83
1*	49.1					KARNES	TX					
		1	2.2	2	5.1	KAUFMAN	TX		134			86
				1	2.6	LAMAR	TX					76
		1*	84.8			LAMPASAS	TX					
		1	3.2	2	22.4	LEON	TX		610			98
		1	3.6	1	2.9	LIBERTY	TX		-19			78
		2	8.1			LIMESTONE	TX					
1	2.4	2	5.5	3	3.1	LUBBOCK	TX	130	-44	30	59	78
				1*	15.3	LYNN	TX					97
3	2.8	3	3.5	8	6.8	MC LENNAN	TX	26	92	141	83	90
		1	3.8			MARION	TX					
				1*	84.8	MASON	TX					99
1	5.3	1	2.9	2	6.4	MATAGORDA	TX	-44	117	21	55	90
1*	112.5					MEDINA	TX					
		1	2.5	3	12.3	MIDLAND	TX		397			95
1	6.0					MILAM	TX					
				3	7.6	MONTGOMERY	TX					92
1*	49.7					MOTLEY	TX					
		1	2.6	1	2.2	NACOGDOCHES	TX		-15			75
				2	4.9	NAVARRO	TX					85
1	8.7	1	5.5	1	6.1	NEWTON	TX	-37	12	-29	27	89
3*	8.9	1	2.6	1	.8	NUECES	TX	-71	-71	-91	00	72
2*	13.2	1	3.0	1	3.7	ORANGE	TX	-77	21	-72	04	81
1	4.3	3*	17.6			PANOLA	TX	309				
				1	6.5	POLK	TX					90
		2	12.7			POTTER	TX					
				1	3.8	RED RIVER	TX					81
				1*	16.9	REFUGIO	TX					97
				1	3.2	ROBERTSON	TX					79
1	1.8	2	3.8	3	6.2	RUSK	TX	109	64	242	92	89

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	15.2					SABINE TX					
				1	10.4	SAN AUGUSTINE TX					94
				1	4.1	SAN JACINTO TX					82
				1*	74.3	SHACKELFORD TX					99
				1	3.9	SHELBY TX					82
1	1.0	6	6.2	3	2.3	SMITH TX	516	-63	127	81	75
1*	273.3					STONEWALL TX					
10	5.3	8	2.9	14	3.9	TARRANT TX	-44	32	-26	29	81
		1	3.9	1	4.8	TAYLOR TX		23			85
		1	5.5	1	8.6	TITUS TX		56			93
2*	21.9	1	7.6			TOM GREEN TX	-65				
		1	.9	8	4.4	TRAVIS TX		390			84
				3*	28.0	TYLER TX					98
		4*	16.6	1	4.1	UPSHUR TX		-76			82
				1	13.3	VAN ZANDT TX					96
2*	14.0			3	7.7	VICTORIA TX			-45	17	92
		2	5.1	1	2.1	WALKER TX		-58			75
				1	4.3	WALLER TX					83
1	2.0			3*	13.1	WASHINGTON TX			559	98	96
1	2.7	3	9.2	1	2.5	WHARTON TX	245	-72	-4	42	76
1	3.0	2	6.2	1	2.8	WICHITA TX	107	-55	-8	39	77
				2*	27.9	WILBARGER TX					98
		2	7.2			WILLIAMSON TX					
				1	9.1	WOOD TX					93
1	1.7	1	1.6	3	2.1	UTAH UT	-9	33	22		
				1	12.0	DAVIS UT					95
		1	3.2			SALT LAKE UT					
				1	2.1	SAN JUAN UT					75
				1*	23.4	UINTAH UT					98
1	7.5					WEBER UT					
1*	24.4					VERMONT VT					
1*	133.9					WASHINGTON VT					
92	3.0	107	3.2	162	4.3	VIRGINIA VA	8	35	46		
				2	3.8	ACCOMACK VA					81
1	2.3	3	6.3	2	3.9	ALBEMARLE#VA	170	-38	68	70	62
2*	12.8					ALLEGHANY#VA					
		1	6.4	1	4.9	AMELIA VA		-24			85
		1	3.4	3	5.3	ARLINGTON#VA		54			87
1	5.3	2	9.1	1	2.7	AUGUSTA#VA	70	-71	-50	15	77
3	3.3			6	5.1	BEDFORD#VA			58	68	87
1*	15.8					BOTETOURT VA					
1	3.0	1	2.4	1	4.0	BRUNSWICK VA	-18	65	35	61	82
2*	8.6					BUCKINGHAM VA					
				1	3.1	CAROLINE VA					78
		2*	49.3			CAPPOLL#VA					
				3*	15.5	CHARLES CITY VA					97
		1	5.6	1	4.3	CHARLOTTE VA		-24			83
17*	4.2	13	3.1	21	4.6	CHESTEPFIELD#VA	-25	49	11	51	84
2*	11.7			1	5.8	CULPEPER VA			-50	14	89
1	.6	4	2.6	5	3.1	DINWIDDIE#VA	318	20	403	95	78
				2*	14.1	ESSEX VA					96
4	5.6	3	2.8	5	3.5	FAIPFAX#VA	-51	26	-38	21	80
2	7.7	2	7.5	1	3.9	FAUQUIER VA	-3	-48	-50	15	81
				1*	54.5	FLOYD VA					99
		1	6.8			FLUVANNA VA					
		1	8.1	1	7.9	FPANKLIN VA		-3			92
				1	5.0	GLOUCESTER VA					86
1	5.3					GOOCHLAND VA					
1	3.7	2	7.3			GREENSVILLE#VA	99				
		2	3.4	2	3.3	HALIFAX#VA		-5			79
				3*	10.7	HANOVER VA					94
2	9.8					HENRICO VA					
				3	4.5	HENRY#VA					84
		2	8.6	1	2.7	ISLE OF WIGHT VA		-68			77
1	2.8	1	1.4	3	4.1	JAMES CITY#VA	-52	200	45	64	82
		1	7.7	1	8.2	KING AND QUEEN VA		7			93
1*	11.2			1	11.2	KING GEORGE VA			0	45	95
				1	4.9	KING WILLIAM VA					85
		1	5.4	2	9.5	LANCASTER VA		76			94
1	5.6	2	16.8			LOUDOUN VA	198				
1	5.4			1	3.5	LOUISA VA			-34	22	80
		1	12.7			MATHEWS VA					
5*	8.5	3	5.7			MECKLENBURG VA	-33				
1	5.3			1	6.0	MIDDLESEX VA			14	52	89
2	5.0	3	8.2			NORTHAMPTON VA	63				
				2	13.1	NORTHUMBERLAND VA					96
		4*	13.4	1	3.6	NOTTOWAY VA		-73			80
		1	8.4			ORANGE VA					
		1*	26.5			PAGE VA					
1	1.0	6	5.3	6	4.9	PITTSYLVANIA#VA	444	-7	405	96	86
		1	2.9	1	3.2	PPINCE EDWARD VA		10			79
1	11.2					PRINCE WILLIAM#VA					
1*	13.3			1	11.9	PULASKI VA			-11	37	95
				1	7.9	RICHMOND VA					92
6*	8.6	6	7.5	5	5.2	ROANOKE#VA	-12	-31	-40	19	87
				2*	21.6	ROCKBRIDGE#VA					97
		1*	70.7			SCOTT VA					
2	2.5	3	5.9	1	1.6	SOUTHAMPTON#VA	133	-72	-35	22	74
				1	2.5	SPOTSYLVANIA#VA					76
				1	8.7	STAFFORD VA					93
				2*	13.1	SUPRY VA					96
1	3.6			2	6.7	SUSSEX VA			86	75	90
		2*	22.4	3*	36.4	TAZEWELL VA		62			99
1	13.2					WASHINGTON#VA					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE MALE — LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA — ICD 159.1,200, 202.0,.1,.8,.9

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
2*	10.7	1	5.1			WESTMORELAND	VA	-52				
		1	16.3			WISE#	VA					
19	3.9	20	3.0	38*	5.8	CHESAPEAKE CITY#	VA	-22	94	51	66	89
		1	.8	8	7.1	HAMPTON CITY	VA		807			91
3	2.1	4	2.2	4	3.0	NEWPORT NEWS CITY	VA	6	37	45	64	78
2	1.6	2	2.2	5	5.3	SUFFOLK CITY	VA	40	135	229	92	87
10	2.3	19	4.6	31	4.2	WASHINGTON	WA	100	-9	82		
		2*	37.5			GRANT	WA					
9	3.5	6	2.5	20	4.6	KING	WA	-31	87	30	59	84
				1*	26.5	MASON	WA					98
				1	13.8	OKANOGAN	WA					96
1	5.0	7*	19.1	1	1.4	PIERCE	WA	277	-93	-72	04	73
				1*	13.4	SKAGIT	WA					96
				1	5.4	SNOHOMISH	WA					88
		2	11.4	2	5.4	SPOKANE	WA		-53			87
				2*	21.6	WHATCOM	WA					98
		2	6.7	2	6.4	YAKIMA	WA		-4			90
22	4.3	19	4.2	7	2.1	WEST VIRGINIA	WV	-3	-50	-51		
		1	6.9			BERKELEY	WV					
1	3.6	2	11.2	2	11.4	CABELL	WV	210	1	214	90	95
2	4.4	1	1.9	1	3.2	FAYETTE	WV	-57	67	-28	28	78
		1	11.8			GREENBRIER	WV					
1*	12.1					HANCOCK	WV					
1*	201.4					HARDY	WV					
2*	15.7					HARRISON	WV					
5*	6.6	3	4.5	1	2.2	KANAWHA	WV	-32	-50	-66	07	75
2	9.7					LOGAN	WV					
4	4.5	2	3.2			MC DOWELL	WV	-30				
		1	3.9	1	11.5	MARION	WV		195			95
2	5.1	1	2.2			MERCER	WV	-56				
		1	9.2			MINGO	WV					
1*	62.5					MONROE	WV					
		1*	141.3			MORGAN	WV					
				1*	141.3	POCAHONTAS	WV					99
1	1.5	4	7.8	1	1.4	RALEIGH	WV	416	-82	-7	40	73
		1*	17.2			WOOD	WV					
12*	5.8	16	5.8	17	3.9	WISCONSIN	WI	1	-32	-32		
1*	21.3					DANE	WI					
		1*	140.6			DOOR	WI					
				2*	23.3	KENOSHA	WI					98
1*	424.0					MARINETTE	WI					
8	6.1	13	7.3	12	3.9	MILWAUKEE	WI	21	-47	-36	21	81
1	6.3			2	10.6	RACINE	WI			67	70	94
1*	23.6	1	19.1			ROCK	WI	-19				
				1*	37.2	SAWYER	WI					99
		1*	53.6			WALWORTH	WI					
1	2.7	1	2.1	4	11.9	WYOMING	WY	-23	476	342		
		1	5.5	2*	21.5	FREMONT	WY		290			97
				1	13.8	LARAMIE	WY					96
				1*	13.6	NATRONA	WY					96
1*	33.2					SWEETWATER	WY					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
1226	1.6	2027	2.1	2930	2.2	UNITED STATES	29	6	38		
50	1.2	71	1.6	120	2.4	ALABAMA AL	30	50	96		
1	3.5					AUTAUGA AL					
1	1.4			2	3.3	BALDWIN AL			135	84	89
		1	1.7	1	1.6	BARBOUR AL		-3			80
1	4.4			1	3.9	BIBB AL			-10	39	91
1	2.2			3	6.0	BULLOCK AL			167	87	94
1	1.6					BUTLER AL					
		1	1.3	1	1.2	CALHOUN AL		-8			78
		1	1.3			CHAMBERS AL					
		1	5.3			CHILTON AL					
				1	1.5	CLARKE AL					80
		1*	12.7			CLAY AL					
				1	2.5	COFFEE AL					85
2	5.9			2	3.6	COLBEPT AL			-39	21	89
		1	2.4			CONECUH AL					
1*	5.3	2*	11.0	1	7.5	COOSA AL	109	-32	42	65	95
		2*	7.3	1	2.7	COVINGTON AL		-63			86
				1	2.9	CPENSHAW AL					87
				1	2.5	DALE AL					85
2	1.3	1	.7			DALLAS AL	-46				
		1	2.2			ESCAMBIA AL					
1	3.0			1	1.3	ETOWAH AL			-56	11	79
1*	14.4					FRANKLIN AL					
		1	5.5	1	6.6	GENEVA AL		21			94
1	1.4					GPEENE AL					
1	1.4			1	1.4	HALE AL			-3	43	79
				3	3.4	HOUSTON AL					89
17	1.8	21	1.9	37	3.0	JEFFERSON AL	5	58	66	71	87
				2	5.0	LAUDEPDALE AL					93
		2	1.7	2	2.7	LEE AL		56			86
				1	3.0	LIMESTONE AL					87
1	1.7	1	2.3	2	3.8	LOWNDES AL	33	66	122	82	90
		2	2.2			MACON AL					
		1	1.1	4	2.6	MADISON AL		134			85
1	1.8	1	1.2	2	1.9	MAPENGO AL	-34	56	3	46	81
8	2.3	12	2.7	17	3.3	MOBILE AL	14	22	39	64	88
2	.8	5	1.7	7	2.1	MONTGOMERY AL	110	24	159	87	83
2	5.8					MORGAN AL					
				2	3.7	PERRY AL					90
		1	2.2	4*	6.6	PIKE AL		202			94
				2*	9.8	RANDOLPH AL					96
		3	3.6	3	3.0	RUSSELL AL		-16			87
1	3.4					ST CLAIR AL					
2*	9.6	1	3.5	1	2.7	SHELBY AL	-64	-23	-72	03	86
1	1.2	2	2.9	3	4.7	SUMTER AL	135	64	265	94	92
		2	2.1	1	1.2	TALLADEGA AL		-43			79
		1	2.5			TALLAPOOSA AL					
		1	.7	3	1.8	TUSCALOOSA AL		171			81
		1	2.4			WALKER AL					
				1	4.9	WASHINGTON AL					92
1	1.0	1	1.7	4*	6.3	WILCOX AL	68	274	528	99	94
		3	1.5	4	3.2	ALASKA AK		108			
7	2.4	11	2.2	11	1.0	ARIZONA AZ	-5	-56	-58		
2	4.3	1	.4	3	3.2	APACHE AZ	-91	745	-25	30	88
		1	.6			COCONINO AZ					
4	4.2	3	2.1	2	.5	MARICOPA AZ	-50	-76	-88	00	77
				1*	11.3	MOHAVE AZ					97
		2	3.4	2	2.1	NAVAJO AZ		-39			83
		3	4.1	2	.7	PIMA AZ		-83			77
1	3.8	1	3.3	1	1.2	PINAL AZ	-13	-65	-69	04	78
15	.8	34	1.8	41	1.9	ARKANSAS AR	134	7	149		
		1	2.5			ASHLEY AR					
				2*	7.1	BRADLEY AR					95
1	1.4	1	1.3	1	1.1	CHICOT AR	-10	-14	-23	31	78
		1	4.7	1	4.0	CLARK AR		-14			91
2*	11.5					CONWAY AR					
				1	12.5	CRAIGHEAD AR					97
2	2.4	1	.9	3	2.2	CRITTENDEN AR	-64	157	-8	40	83
1	2.5					CROSS AR					
		1	2.5			DESHA AR					
				1	10.6	FAULKNER AR					96
		4*	10.9	1	2.7	GARLAND AR		-76			85
		2*	12.2			HOT SPPING AR					
		1	10.0	1	3.3	JACKSON AR		-67			89
		2	1.0	7	4.1	JEFFEPSON AR		326			91
				1	3.2	LAFAYETTE AR					88
1	.8	1	2.1	1	1.3	LEE AR	166	-40	59	70	79
				1	2.2	LINCOLN AR					84
				2*	7.8	LONOKE AR					95
		1	2.3	2	4.5	MILLER AR		92			92
		1	.8	1	1.0	MISSISSIPPI AR		24			78
1	1.9			1	1.9	MONROE AR			-3	44	82
		2*	13.3	1	6.3	NEVADA AR		-53			94
1	1.7	2	3.5			OUACHITA AR	101				
		4	2.9			PHILLIPS AR					
				1*	47.2	PIKE AR					99
				1*	9.4	PRAIPIE AR					96
4	1.4	8	2.8	7	2.0	PULASKI AR	103	-31	41	65	82
				1*	22.5	SALINE AR					98

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
		1*	596.2			SEARCY AR					
1	5.6					SEBASTIAN AR					
1	1.9			3	4.3	UNION AR			126	83	91
55	1.7	142	2.4	284	2.4	CALIFORNIA CA	44	-2	41		
11	2.5	21	3.4	34	3.1	ALAMEDA CA	37	-10	24	58	88
1	.4	9*	6.5	4	1.6	CONTRA COSTA CA	1573	-76	306	95	80
3	3.0	1	2.0	10	3.7	FRESNO CA	-34	87	23	57	90
		1	7.5			HUMBOLDT CA					
				1	1.2	IMPERIAL CA					79
		1	1.4	1	.4	KERN CA		-68			77
				1	5.1	KINGS CA					93
28	2.0	69	2.2	136	2.4	LOS ANGELES CA	10	9	20	54	84
				2	4.3	MADERA CA					92
		1	4.8	1	4.5	MARIN CA		-4			92
				1*	18.7	MARIPOSA CA					98
				1*	86.0	MONO CA					99
		2	8.2	2	3.7	MONTEREY CA		-54			90
				6	1.9	ORANGE CA					82
				1	5.5	PLACER CA					93
1	2.6			4	2.6	RIVERSIDE CA			0	45	85
1	1.2	1	.3	12	3.3	SACRAMENTO CA	-77	1056	167	88	89
1	.7	2	2.1	1	.9	SAN BERNARDINO CA	200	-59	24	58	78
1	.5	4	2.1	10	2.0	SAN DIEGO CA	342	-7	309	95	82
4	.7	16	2.4	33	3.2	SAN FRANCISCO CA	234	29	331	96	88
4*	5.3	5*	4.9	4	2.2	SAN JOAQUIN CA	-8	-54	-58	10	83
				1	1.1	SAN LUIS OBISPO CA					78
				4	1.8	SAN MATEO CA					81
		3*	8.8			SANTA BARBARA CA					
		4	6.8	5	.6	SANTA CLARA CA		-91			77
				2	4.9	SANTA CRUZ CA					92
				1	2.1	SOLANO CA					83
		1	8.6			SONOMA CA					
				1*	18.4	TEHAMA CA					98
				1	.6	TULARE CA					77
				4	1.4	VENTURA CA					79
		1*	5.2			YUBA CA					
5	3.4	6	2.4	9	1.3	COLORADO CO	-31	-47	-63		
				1	5.5	BOULDER CO					93
5*	5.1	5	3.0	7	1.7	DENVER-ARAPAHOE#CO	-41	-45	-67	06	80
				1	3.1	EL PASO CO					88
		1*	13.0			LA PLATA CO					
9	2.8	13	2.3	29*	3.9	CONNECTICUT CT	-16	70	43		
1	.5	3	1.6	7	2.8	FAIRFIELD CT	243	74	496	99	86
3	4.1	6	4.6	8	3.5	HARTFORD CT	11	-25	-17	36	89
				2*	11.6	MIDDLESEX CT					97
5*	4.8	4	1.6	10*	4.8	NEW HAVEN CT	-67	197	-1	44	92
				2	6.9	NEW LONDON CT					96
3	1.3	6	1.9	6	1.5	DELAWARE DE	44	-19	17		
2	1.4	4	1.8	4	1.6	NEW CASTLE DE	25	-10	12	51	80
1	1.5	2	3.6	2	2.9	SUSSEX DE	135	-19	90	77	87
28	1.8	54	2.9	77*	3.1	DIST. OF COLUMBIA DC	57	9	72		
28	1.8	54	2.9	77*	3.1	WASHINGTON DC	57	9	72	73	88
34	1.0	89	2.1	104	1.9	FLORIDA FL	115	-12	89		
		2	1.9			ALACHUA FL					
		1	1.8			BAY FL					
				1	7.3	BRADFORD FL					95
		3	4.6	3	3.1	BREVARD FL		-33			87
3	2.6	5	1.9	3	.9	BROWARD FL	-24	-56	-66	06	78
		1*	22.8	1*	11.5	CHARLOTTE FL		-50			97
				1	8.8	CITRUS FL					96
7	2.0	17	3.3	18	1.7	DADE FL	61	-49	-18	34	81
1*	4.6					DE SOTO FL					
4	.7	10	1.9	12	1.8	DUVAL FL	165	-7	146	85	81
2	1.3	6	3.6	3	1.5	ESCAMBIA FL	183	-58	20	53	80
				1*	18.9	FRANKLIN FL					98
1	.7	4	3.5	2	1.6	GADSDEN FL	373	-54	115	82	80
1	3.2	1	6.1			HAMILTON FL	93				
		1*	8.8			HERNANDO FL					
				1	3.6	HIGHLANDS FL					90
		6	2.0	8	2.2	HILLSBOROUGH FL		10			83
				1	2.1	INDIAN RIVER FL					83
1	1.5	1	1.5			JACKSON FL	2				
1	4.9			1	4.7	JEFFERSON FL			-5	42	92
				3	5.9	LAKE FL					94
				1	2.1	LEE FL					83
2	2.2	2	1.5	2	1.6	LEON FL	-30	3	-28	29	80
1*	38.2					LIBERTY FL					
2*	4.1	1	1.4			MANATEE FL	-66				
1	2.4	1	1.0	2	2.0	MARION FL	-59	111	-15	37	82
		1	6.0			MONROE FL					
				2*	9.1	NASSAU FL					96
				1	1.0	OKALOOSA FL					78
		1*	21.9			OKEECHOBEE FL					
2	1.5	3	1.9	5	1.7	ORANGE FL	24	-11	10	50	80
2	.9	3	1.2	7	2.3	PALM BEACH FL	33	100	167	87	84
		2	1.6	8	3.5	PINELLAS FL		116			89
1	.6	5	2.7	6	3.2	POLK FL	351	19	436	98	88
				1	1.8	PUTNAM FL					81

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COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE — LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA — ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				2	4.8	ST JOHNS FL					92
		2	2.0			ST LUCIE FL					
		1*	16.7			SANTA ROSA FL					
		1	1.9			SARASOTA FL					
1	.9	2	3.4	1	1.0	SEMINOLE FL	283	-70	15	52	78
		2*	8.6	1	4.6	SUWANNEE FL		-46			92
		1	5.6			TAYLOR FL					
1	1.2	3	2.5	5	3.8	VOLUSIA FL	111	54	225	91	90
				1*	18.8	WAKULLA FL					98
69	1.5	86	1.6	102	1.6	GEORGIA GA	8	1	10		
		1*	8.5			APPLING GA					
				2*	14.7	BARROW GA					97
				1	3.3	BARTOW GA					89
5	2.0	5	2.1	4	1.6	BIBB GA	7	-25	-20	33	80
		1	9.4			BLECKLEY GA					
		2	6.8			BROOKS GA					
		1*	12.5			BRYAN GA					
1	2.9	2	5.2			BULLOCH GA	80				
2	3.3	2	3.5			BURKE GA	5				
				1	3.4	CALHOUN GA					89
		1	10.6	2*	9.6	CAMDEN GA		-10			96
				1	6.3	CANDLER GA					94
				1	3.6	CARROLL GA					89
5	1.8	4	1.2	4	1.0	CHATHAM GA	-32	-19	-45	18	78
2	4.7					CLARKE GA					
		1	5.5			CLAYTON GA					
		1	2.8			COBB GA					
		1	3.1			COLQUITT GA					
				2*	11.2	COOK GA					96
1	3.0			2	3.8	COWETA GA			28	59	90
				1	3.2	CRISP GA					88
		1	2.1	1	2.4	DECATUR GA		17			84
1	.5	2	1.2	6	2.3	DE KALB GA	112	103	331	96	84
				1	3.7	DODGE GA					90
1	4.4					DOOLY GA					
5*	4.2	2	1.4	6	3.8	DOUGHERTY GA	-67	179	-7	41	90
				1	9.4	DOUGLAS GA					96
		1	3.8			EARLY GA					
		1	7.9			EFFINGHAM GA					
3*	13.0	1	4.0	1	3.8	ELBERT GA	-69	-6	-71	03	90
1	4.1	1	2.9			EMANUEL GA	-29				
2	4.6	2	4.2			FLOYD GA	-8				
10	1.5	17	1.6	19	1.6	FULTON GA	12	0	11	50	80
		1	1.6			GLYNN GA					
		1	3.5			GRADY GA					
1	4.4			1	4.9	GREENE GA			12	51	92
				2*	8.7	GWINNETT GA					96
		1	4.0			HENRY GA					
1	4.0			2	5.5	HOUSTON GA			39	64	93
1*	8.6					IRWIN GA					
				2*	15.8	JACKSON GA					97
1	7.0					JASPER GA					
		1	2.5	1	2.4	JEFFERSON GA		-5			84
1	5.3					JENKINS GA					
				1	3.6	JONES GA					89
1	1.9	1	1.6			LAURENS GA	-16				
1	3.3					LIBERTY GA					
		1*	9.6			LINCOLN GA					
		2	2.9	2	2.4	LOWNDES GA		-18			84
		1	3.7			MC DUFFIE GA					
1	4.8			1	5.2	MC INTOSH GA			9	49	93
1	2.7					MACON GA					
2	4.7			1	3.2	MERIWETHER GA			-32	27	88
		1*	14.1			MILLER GA					
		3*	5.8	1	2.5	MITCHELL GA		-57			85
1	7.0	1	3.7			MORGAN GA	-47				
1	.8	4	1.7	7	2.7	MUSCOGEE#GA	123	53	241	92	86
1*	7.4					OGLETHORPE GA					
				1	5.8	PIKE GA					93
		1*	94.4	1*	298.1	RABUN GA		216			99
3	1.6	5	2.4	6	2.4	RICHMOND GA	45	1	47	66	84
				1	5.4	ROCKDALE GA					93
1	2.4					SCREVEN GA					
1*	6.1					SEMINOLE GA					
1*	18.9					STEPHENS GA					
				2*	9.8	STEWART GA					96
		1	1.3			SUMTER GA					
		1	5.0			TALBOT GA					
1*	10.3					TATTNALL GA					
		2	5.1	1	2.5	TERRELL GA		-52			85
		2	2.8			THOMAS GA					
1	4.5	2	6.1	1	2.7	TIFT GA	35	-55	-40	21	86
				1	3.6	TOOMBS GA					90
				1*	10.7	TREUTLEN GA					96
2	2.0	1	1.7	4	5.0	TROUP GA	-16	195	148	86	93
		1	3.1			UPSON GA					
				1	3.2	WALTON GA					88
1	2.2			2	4.5	WARE GA			101	79	92
		1	7.7	1	5.9	WARREN GA		-23			94
				1	2.2	WASHINGTON GA					83
				1*	15.8	WHEELER GA					98
1*	21.3					WHITFIELD GA					
2*	16.1					WILCOX GA					
1	3.6	1	4.2			WILKES GA	16				
1	6.3					WILKINSON GA					
		50*	2.9	99*	4.3	HAWAII HI		50			

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NON-WHITE FEMALE — LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA — ICD 159.1,200, 202.0,.1,.8,.9

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
		6	3.2	13*	5.1	HAWAII HI		60			93
		39*	3.0	70*	4.1	HONOLULU HI		39			91
		1	1.2	8*	6.7	KAUAI HI		453			94
		4	2.5	8	3.9	MAUI#HI		54			91
1	4.4					IDAHO ID					
1*	27.3					BANNOCK ID					
95*	2.7	143*	3.0	184*	2.7	ILLINOIS IL	11	-11	-2		
1*	18.1	1*	17.5			ADAMS IL	-3				
				2*	6.0	ALEXANDER IL					94
		2	6.7	2	5.2	CHAMPAIGN IL		-22			93
84*	3.0	123*	3.2	148	2.6	COOK IL	8	-19	-13	38	85
		1*	26.5			DU PAGE IL					
1	6.3					JACKSON IL					
1	7.6			2	6.0	KANE IL			-22	32	94
				4*	6.3	KANKAKEE IL					94
				9*	11.9	LAKE IL					97
2*	40.2	2*	35.9	1*	14.5	MC LEAN IL	-11	-60	-64	07	97
2*	13.2	1	4.8			MACON IL	-64				
				1	1.2	MADISON IL					78
				1*	16.3	MASSAC IL					98
				1*	13.5	MORGAN IL					97
		1	3.1	1	1.8	PEORIA IL		-40			81
				1	5.6	PULASKI IL					93
2	.8	7	2.5	8	2.8	ST CLAIR IL	212	12	248	93	86
1*	14.1					SALINE IL					
1	3.6					SANGAMON IL					
		2*	41.1			STEPHENSON IL					
		1	3.2	1	.9	WILL IL		-73			77
		2	3.3	2	3.8	WINNEBAGO IL		14			90
9	.8	21	1.5	39	2.3	INDIANA IN	90	52	189		
				1*	267.9	ADAMS IN					99
1	2.4	1	.7	1	1.3	ALLEN IN	-69	79	-44	18	79
1*	24.5					ELKHART IN					
1*	9.9					GRANT IN					
				1*	38.5	JOHNSON IN					99
3	.8	6	1.4	10	1.8	LAKE IN	77	32	133	84	81
				2*	11.2	LA PORTE IN					96
				1	3.0	MADISON IN					87
2	.4	9	1.7	18	2.8	MARION IN	327	63	594	99	86
		3	5.7	2	2.4	ST JOSEPH IN		-57			84
1	1.7	1	1.8	1	1.5	VANDERBURGH IN	11	-19	-11	39	80
		1	2.7	1	2.6	VIGO IN		-3			85
				1	3.9	WAYNE IN					91
9*	7.4	4	3.1	4	2.0	IOWA IA	-59	-35	-73		
		1	6.9			BLACK HAWK IA					
		1*	35.3			DES MOINES IA					
				1*	11.6	JOHNSON IA					97
1*	16.6					LEE IA					
1*	70.7					MARSHALL IA					
5*	11.2	1	2.0	3	4.6	POLK IA	-82	129	-59	09	92
		1*	7.5			SCOTT IA					
1*	61.3					TAMA IA					
1*	10.9					WOODBURY IA					
9	2.1	11	2.4	14	2.2	KANSAS KS	11	-7	3		
1*	28.1					BOURBON KS					
		1*	60.6			BUTLER KS					
		1	6.4	1	5.3	DOUGLAS KS		-17			93
				2*	42.2	HARVEY KS					99
1*	14.3	1*	18.7			JOHNSON KS	31				
1	4.6					LEAVENWORTH KS					
				1*	35.3	LYON KS					99
		1*	112.4			POTTAWATOMIE KS					
1*	53.6					PILEY KS					
		1*	14.7	1*	12.4	SALINE KS		-16			97
2	4.2			3	2.0	SEDGWICK KS			-51	14	82
		2	4.4	3	4.0	SHAWNEE KS		-8			91
				1*	57.3	WABAUNSEE KS					99
3	1.9	4	2.1	2	.9	WYANDOTTE KS	7	-55	-52	13	78
19	1.7	28	2.3	27	2.0	KENTUCKY KY	37	-13	19		
1	5.5					BOURBON KY					
2*	29.3	1*	16.4	1*	10.7	BOYD KY	-44	-35	-63	08	96
		2*	13.0	2*	15.6	BOYLE KY		20			97
		1	1.9			CHRISTIAN KY					
				1*	43.0	CUMBERLAND KY					99
		2	2.0	5	3.5	FAYETTE KY		74			89
		2*	17.5			FRANKLIN KY					
		1*	9.3			GRAVES KY					
1*	5.1	1*	4.2			HARDIN KY	-16				
		1	11.2			HARLAN KY					
1*	19.1					HENRY KY					
10	2.8	13	3.1	10	1.9	JEFFERSON KY	7	-39	-34	26	82
				1*	15.8	JESSAMINE KY					98
1	3.8					KENTON KY					
				1*	10.6	LINCOLN KY					96
		2*	10.7	1	7.6	MADISON KY		-29			95
				1*	43.0	MONROE KY					99
2*	21.9					MONTGOMERY KY					
				1*	40.9	PIKE KY					99

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE — LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA — ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
		1*	7.3			SHELBY	KY					
				2*	24.7	UNION	KY					98
		1*	20.2	1*	23.6	WASHINGTON	KY		17			98
1*	10.3					WEBSTER	KY					
72	1.6	98	2.1	105	1.9	LOUISIANA	LA	26	-10	14		
				1	2.0	ACADIA	LA					82
				1	2.1	ASCENSION	LA					83
				2	7.7	ASSUMPTION	LA					95
				1	1.8	AVOYELLES	LA					81
2*	5.3					BIENVILLE	LA					
4*	6.8	2	3.0	1	2.0	BOSSIER	LA	-57	-32	-71	03	82
8	2.2	7	1.7	8	1.6	CADDO	LA	-25	-5	-29	28	80
1	.9	2	1.4	3	1.9	CALCASIEU	LA	59	37	118	82	82
		3*	14.1			CATAHOULA	LA					
2	4.6	2	3.7	1	3.0	CLAIBORNE	LA	-19	-19	-35	24	87
		2	5.0			CONCORDIA	LA					
		1	1.1	2	2.5	DE SOTO	LA		131			85
3	1.3	7	2.2	8	2.1	EAST BATON ROUGE	LA	64	-5	56	68	83
1	1.2	1	3.6	1	1.3	EAST CARROLL	LA	205	-65	8	49	79
				1	2.3	EAST FELICIANA	LA					84
		1	3.6			EVANGELINE	LA					
3*	6.2	1	1.9			FRANKLIN	LA	-70				
1	2.1	2	3.3	2	2.7	IBERIA	LA	60	-17	33	62	86
1	1.6			2	2.4	IBERVILLE	LA			56	68	84
2	2.5	2	1.5			JEFFERSON	LA	-40				
				1	3.4	JEFFERSON DAVIS	LA					89
1	1.0			2	1.7	LAFAYETTE	LA			67	71	81
1	6.3			1	3.2	LAFOURCHE	LA			-50	14	88
		1*	10.3			LA SALLE	LA					
1	2.7			1	1.6	LINCOLN	LA			-40	20	80
1	2.1	1	2.4	2	2.7	MADISON	LA	15	15	33	61	86
		1	1.5	1	1.1	MOREHOUSE	LA		-29			78
1	1.1	3	3.8	2	1.6	NATCHITOCHES	LA	243	-59	42	65	80
19	1.8	33	2.9	31	2.2	ORLEANS	LA	60	-23	22	57	83
3	1.8	5	3.6	3	1.4	OUACHITA	LA	103	-61	-22	33	79
1	6.8					PLAQUEMINES	LA					
				2	3.6	POINTE COUPEE	LA					89
3	2.1	3	1.8	3	1.6	RAPIDES	LA	-15	-8	-22	32	80
1	1.0	1	2.0	1	1.6	RICHLAND	LA	112	-20	70	73	80
1	6.4	1	6.5			SABINE	LA	2				
1	5.5					ST CHARLES	LA					
				1	2.6	ST HELENA	LA					85
1	1.9	1	2.4	2	4.8	ST JOHN THE BAPT	LA	27	103	158	86	92
		1	.7	5	3.6	ST LANDRY	LA		397			90
1	3.9	1	1.3			ST MARTIN	LA	-68				
2	3.0			1	1.5	ST MARY	LA			-52	13	80
1	2.4			2	3.2	ST TAMMANY	LA			33	61	88
		4	4.6	2	1.8	TANGIPAHOA	LA		-61			81
1	1.3	1	1.7	2	3.7	TERREBONNE	LA	29	119	181	89	90
		2	5.7			UNION	LA					
		2*	7.6	1	3.3	VERMILION	LA		-56			89
				1	6.5	VERNON	LA					94
2	3.1			3	4.6	WASHINGTON	LA			50	67	92
		2	2.7			WEBSTER	LA					
1	2.2			1	3.8	WEST BATON ROUGE	LA			75	74	90
1*	8.2					WEST CARROLL	LA					
		1	4.5			WEST FELICIANA	LA					
		1	3.1			WINN	LA					
		1	5.4			MAINE	ME					
		1*	24.4			CUMBERLAND	ME					
31	1.8	50	2.1	76	2.2	MARYLAND	MD	16	4	20		
2	2.0			2	1.5	ANNE ARUNDEL	MD			-27	30	80
		2	2.6	1	.7	BALTIMORE	MD		-72			77
		1	4.7			CALVERT	MD					
1	5.3					CAROLINE	MD					
				1	8.3	CECIL	MD					95
		1	3.6			CHARLES	MD					
		1	2.0			DORCHESTER	MD					
		1	2.6	1	2.8	HARFORD	MD		6			86
1*	6.7			1	1.2	HOWARD	MD			-82	01	79
				1	5.0	KENT	MD					92
		4*	5.4	8*	5.1	MONTGOMERY	MD		-6			93
3	2.7	1	.9	10	1.4	PRINCE GEORGE'S	MD	-65	51	-47	16	79
		2*	10.5	1	3.7	QUEEN ANNE'S	MD		-65			90
				1	3.1	ST MARY'S	MD					88
		2	6.5	1	3.3	TALBOT	MD		-50			88
2	4.8	1	3.4	3	3.8	WICOMICO	MD	-30	11	-22	32	90
1	4.9			1	2.5	WORCESTER	MD			-48	15	85
21	2.2	34	2.3	44	2.3	BALTIMORE CITY	MD	1	1	3	46	84
16*	3.9	17	2.4	32	3.2	MASSACHUSETTS	MA	-37	33	-17		
		1*	12.7			BARNSTABLE	MA					
2*	10.9					BRISTOL	MA					
				2*	22.8	DUKES	MA					98
1*	6.4	1	7.2	1	3.9	ESSEX	MA	13	-46	-38	23	91
1	3.0	3	3.6	2	1.8	HAMPDEN	MA	19	-50	-41	19	81
3*	5.5			3	1.9	MIDDLESEX	MA			-66	06	82
				1*	109.3	NANTUCKET	MA					99
		1	8.4	2	6.4	NORFOLK	MA		-24			94
1*	7.4			1	3.7	PLYMOUTH	MA			-50	15	90
8*	3.6	11	2.7	19*	3.8	SUFFOLK	MA	-26	40	3	47	90
				1	2.3	WORCESTER	MA					84

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1..8..9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
39	1.9	80	2.3	101	2.1	MICHIGAN MI	21	-9	11		
1*	89.3					BAY MI					
		2	4.1			BERRIEN MI					
1	1.9	2	5.4	1	1.8	CALHOUN MI	183	-66	-4	42	81
1	.7	4	3.3	3	1.0	GENESEE MI	357	-69	43	66	78
				3	5.0	INGHAM MI					93
				1*	20.3	ISABELLA MI					98
		1	4.4			JACKSON MI					
		3	3.1	4	4.1	KENT MI		30			91
		1	9.3	1	4.0	LAKE MI		-57			91
				1	2.4	MACOMB MI					84
1	3.9	1	2.0			MUSKEGON MI	-49				
4*	4.9	3	2.7	4	3.0	OAKLAND MI	-46	12	-40	20	87
2	3.8	2	4.8	2	1.8	SAGINAW MI	27	-62	-52	13	81
1	12.5	1	5.0	2	5.0	VAN BUREN MI	-60	1	-60	09	93
2	4.6	1	1.2	1	1.4	WASHTENAW MI	-73	10	-71	04	79
26	1.7	59	2.2	78	2.3	WAYNE MI	28	1	30	61	84
6*	5.7	2	1.4	13*	4.7	MINNESOTA MN	-76	243	-17		
				2*	27.0	CASS MN					98
				1*	81.8	COOK MN					99
3*	6.3	1	1.7	6	5.3	HENNEPIN MN	-73	205	-16	36	93
3*	10.4	1	2.5	3	3.8	RAMSEY MN	-76	52	-64	07	90
				1*	17.1	STEARNS MN					98
37	.9	52	1.3	83	1.8	MISSISSIPPI MS	40	43	101		
1	.6			2	1.9	ADAMS MS			200	90	82
1	6.8	2*	9.8	1	3.2	ALCORN MS	43	-67	-53	12	68
				1	3.0	AMITE MS					87
		1	1.3	1	3.5	ATTALA MS		179			89
1	.5			3	1.6	BOLIVAR MS			247	93	80
		1*	8.0			CHOCTAW MS					
1	2.4					CLAIBORNE MS					
2	3.9	1	2.3	2	3.0	CLAY MS	-41	30	-23	31	87
1	1.2	3	2.1	4	2.2	COAHOMA MS	75	1	77	75	83
		1	1.9			COPIAH MS					
1	1.8	1	2.0	1	1.7	DE SOTO MS	9	-15	-7	41	81
2	2.7					FORREST MS					
		1	6.0			FRANKLIN MS					
		1	1.1	7*	6.1	HARRISON MS		468			94
5	1.8	3	1.0	7	1.8	HINDS MS	-43	80	2	46	81
		1	1.6	1	2.1	HUMPHREYS MS		29			83
				1*	11.5	ITAWAMBA MS					97
		1	2.5	2	4.4	JACKSON MS		77			92
1	3.6			1	2.1	JASPER MS			-41	19	83
1	1.8					JEFFERSON DAVIS MS					
		1	1.3	2	3.2	JONES MS		146			88
				1	3.3	KEMPER MS					89
1	1.0	1	.9	1	.8	LAUDERDALE MS	-12	-6	-17	34	77
		1	6.2	2*	8.0	LAWRENCE MS		28			95
1	4.2	1	3.4	1	2.2	LEAKE MS	-19	-36	-48	16	83
1	1.7	1	2.1	1	1.9	LEE MS	22	-7	13	52	82
1	.8	5	3.9	1	.8	LEFLORE MS	366	-79	0	45	77
		3	3.5	1	1.0	LOWNDES MS		-71			78
		1	1.0	1	.9	MADISON MS		-11			78
				1	2.2	MARION MS					84
		1	.7	1	1.0	MARSHALL MS		42			78
1	2.4			2	4.0	MONROE MS			68	72	91
1	4.6			2	5.6	MONTGOMERY MS			22	56	93
1	3.1			2	7.3	NEWTON MS			138	85	95
				1	1.6	NOXUBEE MS					60
		1	2.5	1	1.3	OKTIBBEHA MS		-46			79
2	2.8	1	1.5	3	4.6	PANOLA MS	-45	207	68	73	92
		1	4.2	2*	7.3	PEARL RIVER MS		73			95
2	1.9	1	1.6			PIKE MS	-17				
				2*	17.5	PRENTISS MS					98
				1	1.8	QUITMAN MS					81
				2	3.1	RANKIN MS					88
1	3.3	2	6.1	1	2.1	SCOTT MS	83	-66	-37	24	83
				1	3.8	SIMPSON MS					90
		1*	11.6			STONE MS					
1	.8			2	1.9	SUNFLOWER MS			139	85	82
		4*	7.4	4*	8.0	TALLAHATCHIE MS		8			95
				1	1.6	TATE MS					80
1	1.3			1	2.8	TUNICA MS			113	80	86
		1	4.1			WALTHALL MS					
3	2.7	2	1.8	2	1.1	WARREN MS	-34	-37	-59	10	78
2	1.0	3	1.5	5	2.1	WASHINGTON MS	52	41	114	81	83
				1	2.1	WILKINSON MS					83
1	3.2	1	3.7			WINSTON MS	16				
		1	4.9			YALOBUSHA MS					
		1	1.3			YAZOO MS					
28	1.7	38	1.8	52	2.0	MISSOURI MO	5	13	19		
1	6.1	1	5.1	2*	8.5	BOONE MO	-18	68	39	63	95
1*	5.6			2*	15.7	BUTLER MO			179	88	97
		1*	30.7			CLAY MO					
1*	11.3			2*	13.7	COLE MO			21	55	97
1*	11.1					HOWARD MO					
1*	234.6					HOWELL MO					
8	2.3	11	2.3	10	1.7	JACKSON MO	-2	-27	-28	29	81
1*	112.4					LINN MO					
				1*	13.7	MARION MO					97
1	2.3	2	5.0			PEMISCOT MO	118				
1*	10.1	1*	15.7	1	6.7	PETTIS MO	55	-57	-33	26	94

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S 1970S
		1*	89.3			PHELPS MO				
				1*	11.5	RANDOLPH MO				97
		1	.6	5	1.6	ST LOUIS COUNTY MO		178		80
				1	4.1	SCOTT MO				91
12	1.3	20	1.8	27	2.2	ST LOUIS CITY MO	33	26	67	71 83
		2	3.2	6*	6.4	MONTANA MT		101		
		1*	22.9	1*	17.2	BLAINE MT		-25		98
				1*	16.9	CASCADE MT				98
				1	4.1	GLACIER MT				91
		1*	31.5	1*	15.6	ROSEBUD MT		-50		97
				2*	38.8	YELLOWSTONE MT				99
2	2.0	5	2.2	8	3.6	NEBRASKA NB	8	64	77	
				1*	62.9	DAKOTA NB				99
2	2.6	3	2.0	6	3.5	DOUGLAS NB	-22	73	35	62 89
		1*	5.9			LANCASTER NB				
		1*	11.3			SARPY NB				
				1*	21.0	SCOTTS BLUFF NB				98
1	2.1	1	2.6	5	4.3	NEVADA NV	26	63	105	
1	4.1	1	5.1	3	6.1	CLARK NV	26	19	51	67 94
				2	6.8	WASHOE NV				94
40	2.7	54	2.3	112*	2.9	NEW JEPSEY NJ	-16	28	7	
3	2.4	7	4.2	5	2.5	ATLANTIC NJ	78	-40	7	48 85
		2	1.3	6	2.9	BERGEN NJ		115		87
1	3.1	1	1.8	6*	6.2	BURLINGTON NJ	-44	255	99	79 94
5*	4.4	3	1.7	8	3.1	CAMDEN NJ	-63	84	-31	27 87
1	8.1	1	4.6	2	8.6	CAPE MAY NJ	-44	87	5	47 95
				2	2.4	CUMBERLAND NJ				84
12	2.5	14	1.8	37	3.0	ESSEX NJ	-30	67	18	53 87
1	3.0	2	3.3			GLOUCESTER NJ	10			
3	2.9	4	3.0	5	1.7	HUDSON NJ	3	-43	-41	19 81
1	1.1	2	1.7	3	1.7	MERCER NJ	46	1	47	67 81
1	1.9	2	3.8	2	.5	MIDDLESEX NJ	93	-87	-74	02 77
4	4.3	1	.7	8	4.1	MONMOUTH NJ	-84	484	-6	41 91
1	3.2			1	2.0	MORRIS NJ			-39	22 82
1	3.9	6*	5.9	7	3.4	PASSAIC NJ	52	-43	-13	38 89
1	2.8	1	3.5	3*	7.8	SALEM NJ	26	123	182	89 95
1*	5.9	2*	10.9	2	3.6	SOMERSET NJ	85	-67	-39	22 89
4	3.0	6	2.9	15*	4.7	UNION NJ	-4	65	59	69 92
2	1.3	4	1.7	5	.6	NEW MEXICO NM	34	-64	-52	
1	2.3			1	.2	BERNALILLO NM			-91	00 77
1*	47.2	1*	18.9			CHAVES NM	-60			
				2*	9.8	LEA NM				96
		2	3.1	1	.9	MC KINLEY NM		-70		78
		1	1.6			SAN JUAN NM				
				1	1.4	VALENCIA NM				79
133*	2.4	195	2.5	295	2.4	NEW YORK NY	4	-2	2	
		3	6.8	2	3.0	ALBANY NY		-56		87
18*	3.1	26	2.5	44	2.2	BRONX NY	-19	-10	-27	30 84
				2*	15.8	BROOME NY				98
		2	4.6	1	2.4	DUTCHESS NY		-49		84
4	2.4	9	3.7	17*	4.0	ERIE NY	56	8	68	72 91
1*	91.1					ESSEX NY				
		1*	9.2			FRANKLIN NY				
28*	2.1	31	1.6	55	1.7	KINGS(BROOKLYN) NY	-22	6	-17	35 81
		1*	31.5			LIVINGSTON NY				
2	4.0	3	1.6	4	2.8	MONROE NY	-61	76	-31	28 86
5	2.3	7	2.8	10	2.7	NASSAU NY	24	-3	20	54 86
59*	2.8	77*	3.2	73	2.6	NEW YORK(MANHATTAN) NY	13	-19	-9	40 85
1	2.9	1	1.5	2	4.1	NIAGARA NY	-49	175	39	64 91
				1	3.3	ONEIDA NY				88
2*	4.1	3	3.9	2	2.6	ONONDAGA NY	-4	-34	-36	24 85
1	2.1			1	1.8	ORANGE NY			-17	35 81
5	1.5	18	1.8	38	2.3	QUEENS NY	13	28	46	66 84
				1	5.9	RENSSELAER NY				94
				2	2.0	RICHMOND NY				82
				2	1.8	ROCKLAND NY				81
1	.5	6	3.3	7	2.3	SUFFOLK NY	538	-29	353	97 84
				3*	24.1	TOMPKINS NY				98
1*	11.2			1	3.6	ULSTER NY			-68	05 90
5	1.5	7	2.9	27*	5.2	WESTCHESTER NY	90	78	237	92 93
51	1.2	84	1.8	104	1.8	NORTH CAROLINA NC	50	-2	48	
2	4.5	1	1.6	1	1.0	ALAMANCE NC	-65	-36	-78	01 78
		1*	29.8			ALEXANDER NC				
1	2.3	1	1.6			ANSON NC	-27			
1	2.0					BEAUFORT NC				
		1	2.0	1	1.9	BERTIE NC		-8		82
1	1.1	3	3.3	4	4.3	BUNCOMBE NC	190	29	275	94 91
1*	7.6	1	7.4			BURKE NC	-2			
		4*	8.3			CABARRUS NC				
				1*	11.8	CAMDEN NC				97
				1	3.0	CATAWBA NC				87
2*	6.0			2	4.3	CHATHAM NC			-28	29 92
1	4.6					CHOWAN NC				
		2	3.4	1	1.3	CLEVELAND NC		-61		79
1	2.2	1	1.8	1	1.1	COLUMBUS NC	-16	-38	-47	16 78
1	1.0	2	2.6	4	4.4	CRAVEN NC	157	71	339	97 92

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	1.5	1	.8	3	1.8	CUMBERLAND	NC	-46	130	24	57	81
		1	3.7			DAVIDSON	NC					
		1	1.3	4*	6.0	DUPLIN	NC		357			94
1	.9	1	.5	10	4.1	DURHAM	NC	-42	718	374	98	91
1	1.0	2	2.2	1	.7	EDGECOMBE	NC	129	-69	-28	28	77
4	1.6	2	.8	9	3.2	FORSYTH	NC	-54	329	98	78	88
		2	4.1	1	1.3	FRANKLIN	NC		-67			79
1	1.0	1	1.1	2	2.1	GASTON	NC	19	86	122	83	83
1	3.2			1	3.1	GATES	NC			-2	44	68
1	2.4	1	4.2			GREENE	NC	75				
2	2.2	5	1.8	8	2.7	GUILFORD	NC	-17	47	21	55	86
		3	2.9	2	1.4	HALIFAX	NC		-49			80
1	1.5	1	2.2			HARNETT	NC	48				
1*	9.3					HENDERSON	NC					
		1	2.1	1	1.6	HERTFORD	NC		-25			80
1	2.7			1	1.8	IREDELL	NC			-34	25	81
1	1.2	1	1.2	1	1.9	JOHNSTON	NC	-5	64	57	69	82
1	2.2			1	3.8	JONES	NC			75	74	90
		2	2.0	1	1.1	LENOIR	NC		-43			78
1*	9.9					LINCOLN	NC					
		1	2.7			MARTIN	NC					
2	.8	11	3.8	8	2.1	MECKLENBURG	NC	371	-46	152	86	82
		1	2.1			MOORE	NC					
1	.6	1	1.0	3	2.9	NASH	NC	60	196	375	98	87
		4	4.0	2	1.5	NEW HANOVER	NC		-62			80
2	3.2					NORTHAMPTON	NC					
				1	1.4	ONSLOW	NC					79
3*	10.0	1	3.3	3	5.4	ORANGE	NC	-67	63	-46	17	93
		1	2.5	1	2.0	PASQUOTANK	NC		-19			82
1	1.6			2	5.5	PENDER	NC			250	93	93
1	4.0					PERQUIMANS	NC					
		1	2.6			PERSON	NC					
1	1.3	6*	5.6			PITT	NC	325				
1*	18.4			1*	8.6	POLK	NC			-53	11	95
1	2.9			1	1.7	RICHMOND	NC			-39	21	81
3	1.7	2	1.3	1	.4	ROBESON	NC	-21	-69	-75	01	77
		2	3.1	2	2.7	ROCKINGHAM	NC		-12			86
1	1.4	2	3.0			ROWAN	NC	105				
				2	5.9	RUTHERFORD	NC					94
2	3.1			1	1.2	SAMPSON	NC			-61	08	79
		2	5.3	3	4.8	SCOTLAND	NC		-10			92
		1	5.5	1	3.5	STANLY	NC		-37			89
				1*	8.2	TYRRELL	NC					95
		1	2.7			UNION	NC					
		1	1.5			VANCE	NC					
1	.6	3	1.7	5	1.8	WAKE	NC	201	2	208	91	81
1	2.1					WARREN	NC					
		1	1.0	1	.7	WAYNE	NC		-23			77
1	.7			3	3.2	WILSON	NC			338	97	68
		2	6.2	2	2.5	NORTH DAKOTA	ND		-60			
				1*	23.4	BENSON	ND					98
				1*	3.9	GRAND FORKS	ND					91
		2*	15.0			ROLETTE	ND					
56	2.1	83	2.1	124	2.6	OHIO	OH	2	24	25		
		1*	112.4			ADAMS	OH					
				1	2.7	ALLEN	OH					86
		1*	7.9			ASHTABULA	OH					
				1	9.4	BELMONT	OH					96
		2	3.9	1	2.1	BUTLER	OH		-47			83
2*	37.7					CHAMPAIGN	OH					
		1	1.2	1	1.1	CLARK	OH		-7			78
		1*	8.8	1*	14.1	COLUMBIANA	OH		60			97
		1*	38.2			COSHOCTON	OH					
14	1.6	29	2.3	34	2.1	CUYAHOGA	OH	39	-7	29	60	83
				1*	67.0	DARKE	OH					99
				1	3.2	ERIE	OH					88
8	2.2	3	.6	11	2.4	FRANKLIN	OH	-71	264	7	48	84
		1	2.6			GREENE	OH					
15*	4.0	14	2.3	28*	3.6	HAMILTON	OH	-42	56	-9	40	90
1*	53.0					HURON	OH					
1	4.2	2*	8.7	1	4.0	JEFFERSON	OH	106	-54	-5	42	91
		1*	8.0			LICKING	OH					
		4*	8.1	2	2.6	LORAIN	OH		-67			85
3	2.0	4	1.9	6	2.4	LUCAS	OH	-4	26	21	56	84
3	2.0	4	2.2	5	2.5	MAHONING	OH	12	15	29	59	85
				1*	24.4	MARION	OH					98
5	2.2	5	1.7	11	2.8	MONTGOMERY	OH	-24	68	28	59	86
		1	9.4			MUSKINGUM	OH					
				1*	54.6	PAULDING	OH					99
				2	5.9	PICKLAND	OH					94
				1	7.9	ROSS	OH					95
				1*	20.2	SANDUSKY	OH					98
				1*	11.2	SCIOTO	OH					96
1	2.2	2	2.6	3	2.6	STARK	OH	19	-1	18	53	85
2	1.6	4	1.5	7	3.0	SUMMIT	OH	-5	104	94	78	87
		2	3.4	2	3.9	TRUMBULL	OH		14			91
1*	25.6					TUSCARAWAS	OH					
27*	2.8	20	1.6	35	2.1	OKLAHOMA	OK	-43	33	-24		
1*	9.9			1	4.9	ADAIR	OK			-50	15	92
		3*	16.6	1	4.2	CADDO	OK		-74			91
		1*	9.7			CANADIAN	OK					
1*	8.0			1	2.5	CHEROKEE	OK			-69	05	85
1	5.5					CHOCTAW	OK					
1	1.5	3*	13.5	2	4.0	COMANCHE	OK	829	-70	176	88	91

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
		1*	49.1			COTTON OK					
				1	3.1	CRAIG OK					88
		3*	15.3	2	6.2	CREEK OK		-60			94
				1	6.0	GRADY OK					94
1*	68.3					GREER OK					
				1	9.8	HUGHES OK					96
				1	9.0	JACKSON OK					96
1*	25.4					KINGFISHER OK					
				1*	19.0	LATIMER OK					98
				1	3.7	LE FLORE OK					90
		1*	24.8			MC CLAIN OK					
				1	2.1	MC CURTAIN OK					83
1	6.1			1	9.5	MC INTOSH OK			55	68	96
1	1.3	1	.8	5	3.6	MUSKOGEE OK	-34	330	184	90	90
4	2.0	4	1.9	4	1.3	OKLAHOMA OK	-6	-34	-38	23	79
1	2.2	1	2.1	1	1.4	OKMULGEE OK	-4	-35	-38	23	79
		1*	11.1			PAWNEE OK					
1*	22.3					PAYNE OK					
2*	10.7					PITTSBURG OK					
1*	14.6					PONTOTOC OK					
1	4.2			1	2.8	SEMINOLE OK			-33	26	86
1*	15.8					SEQUOYAH OK					
6*	5.5	1	.5	8	3.1	TULSA OK	-92	566	-44	18	87
2*	8.2					WAGONER OK					
				1	4.2	WASHINGTON OK					91
1	.6	2	1.2	8	2.5	OREGON OR	113	106	339		
				1*	49.2	HOOD RIVER OR					99
				1*	6.5	JEFFERSON OR					94
1*	11.4					MALHEUR OR					
				1	2.6	MARION OR					85
		2	1.8	5	3.1	MULTNOMAH OR		71			88
60	1.8	116*	2.7	148*	2.8	PENNSYLVANIA PA	49	4	55		
9	1.4	27*	3.8	23	2.9	ALLEGHENY PA	169	-25	102	79	86
1	2.5					BEAVER PA					
				1*	70.1	BEDFORD PA					99
				1	3.0	BERKS PA					87
2*	58.4			2*	27.8	BLAIR PA			-52	12	98
1	6.6	2*	9.6	1	2.7	BUCKS PA	44	-71	-59	10	86
		2*	10.7	2*	10.5	CAMBRIA PA		-1			96
		1	1.1	4	4.5	CHESTER PA		326			92
				1*	66.3	CLARION PA					99
				2*	203.5	COLUMBIA PA					99
				1*	12.5	CRAWFORD PA					97
1*	9.7	1*	12.6			CUMBERLAND PA	30				
3	4.0	2	1.7	6	4.1	DAUPHIN PA	-58	147	4	47	91
1	.5	7	3.4	5	2.0	DELAWARE PA	612	-40	329	96	82
		1	2.7	2	2.8	ERIE PA		2			86
1	2.2	1	3.1	2	4.6	FAYETTE PA	40	49	109	80	92
				1*	37.2	INDIANA PA					99
				1*	12.3	LACKAWANNA PA					97
				1	5.3	LAWRENCE PA					93
		1*	11.3			LUZERNE PA					
		5	4.8	5	3.4	MONTGOMERY PA		-29			89
				1*	74.3	MONTOUR PA					99
				1*	33.5	NORTHUMBERLAND PA					98
40	1.9	60	2.3	81	2.4	PHILADELPHIA PA	17	7	26	58	84
		1	2.5	2	4.1	WASHINGTON PA		66			91
		1	2.9	1	2.6	WESTMORELAND PA		-11			85
1	4.5	4*	16.3	1	1.2	YORK PA	263	-92	-73	02	79
3	3.5	2	1.3	2	1.5	RHODE ISLAND RI	-64	17	-57		
		1*	28.9	1*	31.3	KENT RI		8			98
2	3.5	1	.9	1	1.0	PROVIDENCE RI	-76	13	-73	02	78
1*	11.1					WASHINGTON RI					
45	1.4	57	1.7	73	1.9	SOUTH CAROLINA SC	23	11	36		
1	3.5	1	2.9	3*	10.4	ABBEVILLE SC	-18	263	199	90	96
1	1.0	2	2.2	1	.9	AIKEN SC	116	-58	-10	39	78
				2	5.5	ALLENDALE SC					93
2	2.2	1	1.3	3	2.8	ANDERSON SC	-41	120	29	60	86
				1	2.4	BAMBERG SC					84
				1	2.2	BARNWELL SC					83
1	1.4	4*	6.2	2	2.6	BEAUFORT SC	344	-59	82	75	85
1	1.3	1	1.5	1	1.3	BERKELEY SC	11	-13	-3	43	79
		1	2.7			CALHOUN SC					
6	1.7	2	.6	13	3.3	CHARLESTON SC	-68	482	89	77	88
				1	2.1	CHEROKEE SC					83
		1	1.7	1	1.6	CHESTER SC		-5			80
2	2.3			4	5.0	CLARENDON SC			114	81	93
2	3.1	2	3.9	1	1.0	DARLINGTON SC	27	-75	-68	05	78
1	1.6			1	1.8	DILLON SC			13	51	81
		2	4.7	1	1.6	DORCHESTER SC		-66			80
				1	3.1	EDGEFIELD SC					87
1	2.6	3*	6.5	2	3.2	FAIRFIELD SC	148	-52	20	54	88
1	1.1			1	.6	FLORENCE SC			-47	17	77
		1	1.4	1	1.4	GEORGETOWN SC		2			79
2	2.0	8*	4.5	4	1.9	GREENVILLE SC	123	-57	-3	43	82
1	1.8			1	2.5	HAMPTON SC			38	63	85
1	.6	2	4.5			HORRY SC	632				
2*	6.6			1	3.1	JASPER SC			-53	12	88
2	3.4			3	6.5	KERSHAW SC			88	77	94
1	1.3			2	4.0	LANCASTER SC			210	91	91
		1	1.4			LAURENS SC					
1	1.6			1	3.0	LEE SC			91	78	87

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NON-WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
		1	1.2			LEXINGTON SC					
		2	2.7			MARION SC					
		1	1.8	2	3.0	MARLBORO SC		68			87
				1	1.9	NEWBERRY SC					82
1	4.9	1	5.5			OCONEE SC	12				
2	1.1	3	1.4	2	1.3	ORANGEBURG SC	19	-4	14	52	79
		1	4.0	1	3.6	PICKENS SC		-10			89
6	2.6	5	1.8	6	1.6	RICHLAND SC	-29	-14	-39	22	80
2*	10.0					SALUDA SC					
2	1.8	2	1.2	2	1.4	SPARTANBURG SC	-29	14	-20	34	79
1	.7	4	2.6	2	1.2	SUMTER SC	257	-54	66	70	78
		1	2.8			UNION SC					
2	2.5	3	2.9	1	.9	WILLIAMSBURG SC	15	-68	-64	07	78
		1	1.2	3	2.8	YORK SC		129			86
2	3.0	2	1.7	5	3.5	SOUTH DAKOTA SD	-42	104	18		
1*	14.3					CORSON SD					
		1*	4.8	1*	9.9	DEWEY SD		106			96
				1	7.7	PENNINGTON SD					95
1	8.5	1	6.7	2*	7.3	SHANNON SD	-21	9	-14	38	95
				1*	255.8	UNION SD					99
29	1.1	62	2.1	70	2.0	TENNESSEE TN	97	-7	84		
				1*	7.1	ANDERSON TN					95
				1*	56.2	COCKE TN					99
				1	5.7	CROCKETT TN					93
5	1.4	16*	4.0	15	2.9	DAVIDSON TN	186	-27	110	80	87
		1	2.0			FAYETTE TN					
		2	4.1	2	3.7	GIBSON TN		-10			90
				1	3.4	GILES TN					89
		1*	17.5			GREENE TN					
2	.8	4	1.6	4	1.4	HAMILTON TN	104	-9	85	76	79
2	4.1	1	1.8			HAYWOOD TN	-56				
				1*	12.7	HENDERSON TN					97
		1	4.3			HENRY TN					
3	2.6	7*	5.5	3	1.8	KNOX TN	113	-68	-31	27	81
5*	5.1	2	2.1	5	4.2	MADISON TN	-58	99	-17	35	91
1	2.2					MAURY TN					
		1	1.6			MONTGOMERY TN					
2*	7.5					RUTHERFORD TN					
7	.7	23	2.0	32	2.4	SHELBY TN	173	21	230	92	84
1*	30.7					SMITH TN					
				1	6.4	SULLIVAN TN					94
1	2.3	1	2.6	1	1.9	TIPTON TN	14	-26	-16	37	82
				1*	8.3	WARREN TN					95
		2*	15.7			WEAKLEY TN					
				1	3.9	WILLIAMSON TN					90
68	1.4	136	2.3	173	2.0	TEXAS TX	60	-12	41		
		2	4.3	1	1.5	ANDERSON TX		-66			80
		1	3.3	1	2.4	ANGELINA TX		-29			84
				1*	10.9	ATASCOSA TX					96
		2*	10.0			AUSTIN TX					
				2	7.5	BASTROP TX					95
		1	3.1	1	2.1	BELL TX		-33			83
3	1.3	9	3.6	6	1.1	BEXAR TX	178	-70	-17	36	78
2	2.9	1	1.6	4	4.7	BOWIE TX	-46	201	63	70	92
1	3.1	1	2.3	1	1.8	BRAZORIA TX	-27	-19	-41	20	81
		1	1.9	2	2.6	BRAZOS TX		35			85
		1	3.3			BURLESON TX					
1*	28.3					CALHOUN TX					
		1	4.5			CAMP TX					
		1*	60.3			CASTRO TX					
1	1.8			2	3.4	CHEROKEE TX			86	76	89
		1	6.4			COLLIN TX					
9	2.4	21	2.7	20	1.9	DALLAS TX	16	-32	-21	33	81
		1*	15.5			DAWSON TX					
		1	4.6			DE WITT TX					
		2*	10.9			ECTOR TX					
3*	6.7	5*	10.4			ELLIS TX	55				
				1	2.7	FALLS TX					86
				1	7.3	FANNIN TX					95
2*	5.0	1	2.6			FORT BEND TX	-47				
				1	3.4	FREESTONE TX					89
2	2.1	3	2.7	2	1.0	GALVESTON TX	27	-62	-51	14	78
				1*	11.9	GRAY TX					97
		1	2.9			GRAYSON TX					
		2	2.3			GREGG TX					
				2	6.8	GRIMES TX					94
1	4.8	1	5.5	1	2.6	GUADALUPE TX	14	-52	-45	17	85
1*	9.7					HALL TX					
				1*	28.3	HARDEMAN TX					98
		1	6.2			HARDIN TX					
12	1.8	26	2.1	51	2.9	HARRIS TX	16	36	58	69	86
1	1.0			2	2.3	HARRISON TX			122	83	84
		1*	38.2			HASKELL TX					
				1	2.7	HENDERSON TX					86
				1	5.4	HILL TX					93
		1	8.9			HOPKINS TX					
				1	2.2	HOUSTON TX					83
		2*	8.5	1	2.6	JASPER TX		-70			85
4	1.7	5	2.3	12	3.8	JEFFERSON TX	36	67	127	84	90
		1*	14.2	1	10.3	JOHNSON TX		-27			96
1	2.4	1	2.5			KAUFMAN TX	2				
				1*	86.0	KENDALL TX					99
				1	2.0	LAMAR TX					82
		1*	84.2			LAMPASAS TX					

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
1*	8.8			1	7.4	LAVACA TX			-16	37	95
		1	8.5			LEE TX					
		1	2.7	3*	8.2	LIBERTY TX		200			95
1	4.5			2	4.7	LIMESTONE TX			6	48	92
1	.8	2	4.0	2	2.8	LUBBOCK TX	422	-29	269	94	86
2	1.8	2	1.4	5	3.3	MC LENNAN TX	-20	134	87	76	89
		1	3.7			MATAGORDA TX					
		1	5.8			MILAM TX					
				1*	14.9	MITCHELL TX					97
2*	5.5	1	3.2	1	2.3	MONTGOMERY TX	-42	-26	-58	11	84
		1	5.4	1	4.6	MORRIS TX		-14			92
				1	2.0	NACOGDOCHES TX					82
		3*	5.8	1	3.6	NAVARRO TX		-38			89
		2	3.5	2	1.9	NUECES TX		-44			82
1	5.1					ORANGE TX					
				1*	14.9	PALO PINTO TX					97
				1	3.9	PANOLA TX					90
		1	7.3			POLK TX					
1	2.2	1	5.0	1	2.9	POTTER TX	122	-42	29	60	87
				1	3.4	RED RIVER TX					89
		1*	30.7			REEVES TX					
				1*	11.9	REFUGIO TX					97
1	2.8					ROBERTSON TX					
1	1.7					RUSK TX					
		1*	9.8			SABINE TX					
		1	8.2			SAN AUGUSTINE TX					
1	.8	4	3.1	3	2.1	SMITH TX	314	-32	180	89	83
5	2.0	6	1.8	11	2.7	TARRANT TX	-10	49	34	62	86
		1	5.8			TAYLOR TX					
1	.8			4	1.5	TRAVIS TX			84	75	80
1*	12.8					TYLER TX					
				2	5.5	UPSHUR TX					93
1	4.1					VICTORIA TX					
1	3.2					WALKER TX					
				1*	17.0	WARD TX					98
2	5.9	2	6.6			WASHINGTON TX	10				
		1	1.7	3	5.9	WHARTON TX		239			94
		3*	8.2	1	2.9	WILLIAMSON TX		-64			87
1*	6.2					WOOD TX					
		1	.9	2	1.4	UTAH UT		47			
		1*	12.4			DAVIS UT					
				1	2.0	SALT LAKE UT					82
				1*	11.8	UINTAH UT					97
				1*	2.9	VERMONT VT					
				1*	7.7	CHITTENDEN VT					95
52	1.7	62	1.7	104	2.3	VIRGINIA VA	0	37	37		
		1	1.6			ACCOMACK VA					
2	3.9			2	2.6	ALBEMARLE#VA			-35	25	85
				1	3.2	AMHERST VA					88
				1	8.6	APPOMATTOX VA					95
1	7.5			2	3.1	ARLINGTON#VA			-59	09	87
		1	2.8			AUGUSTA#VA					
		2	1.6	6	4.2	BEDFORD#VA		160			91
		1	3.1	1	2.3	BRUNSWICK VA		-27			84
2*	8.6	1	3.4			CAROLINE VA	-61				
				1	5.4	CHARLOTTE VA					93
11	2.6	9	1.8	17	2.8	CHESTERFIELD#VA	-30	54	8	49	86
1*	16.9					CLARKE VA					
5	2.5	3	1.6	6	3.1	DINWIDDIE#VA	-38	97	22	56	87
				1	3.7	ESSEX VA					90
1	1.4	7*	7.3	4	2.3	FAIRFAX#VA	431	-68	67	72	84
1	4.9					FAUQUIER VA					
				1*	53.0	FLOYD VA					99
				1	4.7	FLUVANNA VA					92
1*	18.4					GREENE VA					
		1	1.4	1	1.4	HALIFAX#VA		5			79
2*	9.6			1	3.0	HANOVER VA			-69	04	87
1	3.2					HENRICO VA					
		2	3.2	4	5.1	HENRY#VA		62			93
		1	3.0	1	2.9	ISLE OF WIGHT VA		-4			87
		3	4.7	1	1.3	JAMES CITY#VA		-72			79
		1	5.0			LANCASTER VA					
				1	5.6	LOUDOUN VA					93
		1	5.7	2*	9.5	LOUISA VA		68			96
1	4.8					LUNENBURG VA					
1*	10.4					MADISON VA					
		2	3.5	2	3.1	MECKLENBURG VA		-10			88
				2*	19.5	MIDDLESEX VA					98
		1	6.6			NELSON VA					
				2	4.6	NORTHAMPTON VA					92
				2*	9.9	NORTHUMBERLAND VA					96
				1	2.5	NOTTOWAY VA					85
1*	7.4	1	9.3	1	9.0	ORANGE VA	26	-4	21	55	96
				1*	11.6	PATRICK VA					97
2	1.2	1	.8	2	1.4	PITTSYLVANIA#VA	-34	67	10	50	79
1*	11.2					PULASKI VA					
				1	8.8	RICHMOND VA					96
3	3.3	3	2.5	1	.6	ROANOKE#VA	-25	-77	-83	00	77
1	1.1			1	1.9	SOUTHAMPTON#VA			75	74	82
1*	8.6	1	7.0			SURRY VA	-18				
				2	7.7	SUSSEX VA					95
				1*	21.8	WARREN VA					98
1*	9.4	1	9.4	1	7.2	WASHINGTON#VA	1	-24	-23	31	95
1	4.7	2*	10.7	1	4.7	WESTMORELAND VA	128	-56	-1	45	92

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE

LYMPHOSARCOMA AND RETICULUM CELL SARCOMA INCLUDING OTHER LYMPHOMA

ICD 159.1,200, 202.0,.1,.8,.9

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
		1*	19.6			WYTHE VA					
11	1.9	7	1.0	22	2.5	CHESAPEAKE CITY#VA	-46	151	36	63	85
		1	1.1	4	2.9	HAMPTON CITY VA		177			87
		5	3.5	1	.6	NEWPORT NEWS CITY VA		-84			77
		2	2.0	1	1.1	SUFFOLK CITY VA		-44			78
3	1.8	11	2.5	12	1.5	WASHINGTON WA	41	-38	-13		
				1*	3.4	FRANKLIN WA					89
				1*	44.6	JEFFERSON WA					99
2	3.3	6	2.1	5	1.2	KING WA	-38	-40	-63	08	79
				1	5.1	KITSAP WA					93
1	5.5	2	8.0	3	3.6	PIERCE WA	46	-55	-35	25	89
		1	5.8	1	2.2	SPOKANE WA		-63			83
		2*	5.2			YAKIMA WA					
3	.6	8	1.7	8	1.5	WEST VIRGINIA WV	185	-14	145		
				1	2.1	CABELL WV					83
		1	3.2	1	2.6	FAYETTE WV		-18			85
		1*	67.0			HARDY WV					
1	1.3	3	3.3	3	2.8	KANAWHA WV	154	-15	115	81	86
1	3.2	1	7.3			LOGAN WV	126				
		1	1.5			MC DOWELL WV					
		1	4.8	2*	8.6	MARION WV		79			95
				1*	15.1	MONONGALIA WV					97
1*	17.0					WOOD WV					
2	1.1	8	2.9	11	1.9	WISCONSIN WI	162	-35	71		
				1*	11.1	BROWN WI					96
				1*	99.4	COLUMBIA WI					99
		3*	29.9	1	8.3	MENOMINEE#WI		-72			95
1	.5	4	2.2	8	2.0	MILWAUKEE WI	338	-10	295	95	82
1*	19.6	1	9.0			RACINE WI	-54				
				1	3.3	WYOMING WY					
				1*	119.2	CARBON WY					99

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
16656	2.3	18631	2.3	14440	1.6	UNITED STATES		0	-31	-31		
202	2.2	249	2.3	202	1.6	ALABAMA	AL	4	-30	-27		
		1	1.5	2	2.6	AUTAUGA	AL		71			82
3	1.7	9	4.3	8	2.9	BALDWIN	AL	149	-34	65	86	85
1	1.6			1	1.4	BARBOUR	AL			-15	58	50
				1	2.0	BIBB	AL					71
3	2.6	4	3.1	2	1.2	BLOUNT	AL	19	-60	-52	24	46
1	6.6	2*	11.1			BULLOCK	AL	68				
6*	8.2	1	1.3	1	1.4	BUTLER	AL	-85	8	-83	02	50
6	2.1	3	.8	5	1.2	CALHOUN	AL	-63	62	-41	35	46
1	.7	6*	4.8	1	.8	CHAMBERS	AL	609	-84	15	74	35
3	4.2	2	2.7	2	2.3	CHEROKEE	AL	-35	-15	-45	31	77
3	2.8	2	1.9	2	1.4	CHILTON	AL	-33	-27	-51	25	50
2	4.1	4*	8.9	1	1.8	CHOCTAW	AL	114	-79	-56	21	65
2	3.5	3	4.3	4*	5.3	CLARKE	AL	23	23	51	84	96
		2	4.6	1	2.2	CLAY	AL		-51			75
				1	1.4	CLEBURNE	AL					51
1	.9	1	1.0			COFFEE	AL	21				
		3	1.6	5	2.5	COLBERT	AL		51			79
1	1.8			2	3.5	CONECUH	AL			96	91	90
		1	2.8			COOSA	AL					
2	1.5	4	2.4			COVINGTON	AL	58				
1	1.6	1	1.6	1	1.7	CRENSHAW	AL	0	10	9	72	62
3	1.5	3	1.4	3	1.0	CULLMAN	AL	-6	-29	-33	42	40
		3	1.4			DALE	AL					
2	2.0	3	2.6			DALLAS	AL	32				
1	.6	1	.5	2	.9	DE KALB	AL	-12	68	47	83	36
4	3.6	7*	5.9	4	2.5	ELMORE	AL	65	-58	-30	44	80
3	3.6	3	3.2	1	.9	ESCAMBIA	AL	-10	-73	-76	06	37
12	3.4	3	.8	11	2.5	ETOWAH	AL	-76	208	-26	48	80
1	1.6	1	1.4			FAYETTE	AL	-16				
1	.9	3	2.8	2	1.4	FRANKLIN	AL	223	-47	70	87	53
4	4.4	2	2.2	1	1.0	GENEVA	AL	-51	-55	-78	04	39
		1	2.8			HALE	AL					
		1	2.2	1	1.4	HENRY	AL		-39			49
2	.9	2	1.2	3	1.4	HOUSTON	AL	24	16	43	82	49
2	1.2	4	2.3	1	.5	JACKSON	AL	96	-80	-61	15	30
41	2.7	49	2.7	35	1.7	JEFFERSON	AL	0	-36	-35	40	61
1	1.4	4*	6.1	1	1.5	LAMAR	AL	327	-76	3	69	54
5	2.6	7	2.9	8	2.6	LAUDERDALE	AL	9	-11	-3	65	81
2	2.2	1	1.0	3	2.4	LAWRENCE	AL	-54	140	9	72	79
		4	4.5	3	.8	LEE	AL		-83			35
2	2.0	1	.7	6*	3.7	LIMESTONE	AL	-67	463	85	89	91
2*	10.1					LOWNDES	AL					
		1	3.6			MACON	AL					
5	2.0	7	1.6	6	1.2	MADISON	AL	-22	-24	-40	36	45
1	2.3	1	1.7	2	3.6	MARENGO	AL	-29	120	55	84	91
		6*	5.4	1	.9	MARION	AL		-83			38
5	2.5	6	2.4	5	1.8	MARSHALL	AL	-6	-25	-29	46	64
13	1.6	26	3.2	19	2.0	MOBILE	AL	101	-37	26	77	70
4*	8.8			3*	5.2	MONROE	AL			-41	35	96
7	2.0	8	2.1	3	.5	MONTGOMERY	AL	6	-75	-73	07	31
9	4.9	10	3.8	4	1.6	MORGAN	AL	-23	-59	-68	10	56
1	2.9					PERRY	AL					
3	5.5	1	2.2			PICKENS	AL	-61				
3	4.2					PIKE	AL					
1	1.3	1	1.5	2	2.5	RANDOLPH	AL	11	70	89	90	79
2	2.3	1	.8	6*	4.2	RUSSELL	AL	-64	406	82	89	94
2	2.0	3	2.6	2	1.5	ST CLAIR	AL	34	-44	-25	49	53
2	1.7	4	3.1	3	1.6	SHELBY	AL	77	-47	-7	63	59
6	3.6	5	2.4	3	1.1	TALLADEGA	AL	-35	-51	-69	10	44
1	.9			3	2.0	TALLAPOOSA	AL			127	94	70
6	1.7	9	2.1	5	.9	TUSCALOOSA	AL	20	-58	-49	27	37
4	1.7	3	1.3	4	1.5	WALKER	AL	-23	13	-13	59	53
		1	1.9	1	1.9	WASHINGTON	AL		2			68
		1	3.5	1	3.4	WILCOX	AL		-3			89
3	4.5	3	4.0	4*	4.5	WINSTON	AL	-10	12	1	67	95
		8	1.0	7	.5	ALASKA	AK		-54			
82	2.1	145	2.3	129	1.3	ARIZONA	AZ	8	-40	-35		
		2	4.9			APACHE	AZ					
4	2.0	8	3.2	2	.7	COCHISE	AZ	59	-79	-66	12	33
3	3.0	1	.4	4	2.4	COCONINO	AZ	-88	579	-19	54	78
4	3.5	3	3.2	3	1.9	GILA	AZ	-10	-40	-45	31	67
1	1.8	1	1.6	1	1.2	GRAHAM	AZ	-1	-35	-36	40	44
		1	1.7			GREENLEE	AZ					
40	1.9	78	2.1	65	1.2	MARICOPA	AZ	11	-44	-38	37	45
3*	14.0			6	3.4	MOHAVE	AZ			-76	05	89
		3	3.0	1	1.1	NAVAJO	AZ		-62			43
15	1.8	33	2.5	28	1.4	PIMA	AZ	41	-45	-22	51	50
7	5.0	5	2.0	4	1.2	PINAL	AZ	-59	-39	-75	06	46
		2	3.7	1	1.4	SANTA CRUZ	AZ		-63			50
4	2.4	5	3.8	6	2.4	YAVAPAI	AZ	57	-37	-1	66	78
1	.6	3	2.2	8	2.6	YUMA	AZ	293	19	367	99	81
132	1.9	189	2.5	143	1.6	ARKANSAS	AR	35	-38	-16		
				3	2.8	ARKANSAS	AR					83
2	2.7	3	3.9	4*	4.2	ASHLEY	AR	40	10	54	84	94
1	1.6	4	5.2	1	.4	BAXTER	AR	225	-93	-78	04	30
7	3.3	4	1.5	6	1.6	BENTON	AR	-55	8	-51	25	57
		3	3.3	4	3.4	BOONE	AR		2			89
1	3.0	1	3.1	2	2.8	BRADLEY	AR	4	-12	-8	62	83
		2	3.2	4*	5.0	CARROLL	AR		56			96

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
		2	4.8			CHICOT	AR					
4	5.1	5*	6.0	3	3.7	CLARK	AR	18	-39	-28	47	91
2	1.6	2	1.4			CLAY	AR	-13				
		1	1.9	1	1.3	CLEBURNE	AR		-34			47
		1	5.5			CLEVELAND	AR					
		2	2.4			COLUMBIA	AR					
		4*	7.6			CONWAY	AR					
7	3.4	7	3.3	3	1.2	CRAIGHEAD	AR	-3	-64	-65	13	45
4	3.6	3	2.4	2	1.1	CRAWFORD	AR	-32	-54	-68	10	43
		4	4.2	1	1.4	CRITTENDEN	AR		-67			51
4*	5.4	2	3.0			CROSS	AR	-44				
2	4.5			1	2.6	DALLAS	AR			-43	34	81
1	1.8	1	1.8	1	1.7	DESHA	AR	-4	-3	-7	63	61
2	4.2	2	3.6	2	3.7	DREW	AR	-14	4	-10	61	91
		5	4.0	2	.9	FAULKNER	AR		-78			37
		1	1.8			FRANKLIN	AR					
1	2.1			1	1.2	FULTON	AR			-42	34	46
7	2.9	8	3.1	7	1.8	GARLAND	AR	7	-42	-38	37	65
2	5.2					GRANT	AR					
		1	.8	6*	4.0	GREENE	AR		398			92
		1	1.0	2	2.5	HEMPSTEAD	AR		151			80
2	2.7	1	1.4	2	1.6	HOT SPRING	AR	-48	16	-39	37	59
1	1.5	1	2.6			HOWARD	AR	68				
		2	2.4	3	2.1	INDEPENDENCE	AR		-12			73
		1	1.9	1	1.8	IZARD	AR		-4			64
2	1.8	2	2.1	3	3.4	JACKSON	AR	17	57	84	89	89
5	2.7	7	3.4	3	1.2	JEFFERSON	AR	27	-66	-57	20	44
2	2.4	1	1.0	2	2.2	JOHNSON	AR	-59	118	-12	60	73
2	5.3	1	2.7			LAFAYETTE	AR	-48				
		1	1.0	3	3.2	LAWRENCE	AR		231			87
1	2.6	3*	8.3			LEE	AR	225				
1	2.7					LINCOLN	AR					
1	2.4	2	5.0	1	2.6	LITTLE RIVER	AR	106	-49	6	70	81
2	2.2	3	2.4	1	1.7	LOGAN	AR	10	-31	-24	50	60
3	3.1	1	1.0	2	1.9	LONOKE	AR	-69	103	-37	38	68
1	1.4	5*	8.9			MADISON	AR	519				
2	5.5					MARION	AR					
2	1.8	3	2.3	2	1.4	MILLER	AR	28	-42	-26	48	50
2	.6	3	1.5	4	1.9	MISSISSIPPI	AR	140	30	211	97	66
1	2.2	1	2.3	2	4.3	MONROE	AR	8	84	100	91	94
2	8.5	1	5.5			MONTGOMERY	AR	-35				
1	2.0			1	1.6	NEVADA	AR			-21	52	58
				1	2.4	NEWTON	AR					78
1	.8	1	1.1	1	.8	OUACHITA	AR	28	-21	1	67	36
		1	4.0			PERRY	AR					
4	4.5	3	3.8	2	2.2	PHILLIPS	AR	-17	-43	-52	24	74
2	3.6	2	6.0			PIKE	AR	68				
2	1.7	5	4.0	1	.9	POINSETT	AR	130	-77	-47	29	37
1	1.0	2	2.4	1	1.4	POLK	AR	150	-42	45	82	50
1	1.0	2	1.6	2	1.2	POPE	AR	62	-23	25	77	46
1	2.0			1	2.1	PRAIRIE	AR			0	66	71
18	2.3	30	3.2	20	1.8	PULASKI	AR	38	-45	-23	51	63
1	1.3	2	3.1	1	.9	RANDOLPH	AR	131	-70	-31	44	38
1	1.8			1	1.4	ST FRANCIS	AR			-19	54	52
4	3.4	3	1.9	4	2.2	SALINE	AR	-45	16	-36	40	74
		1	2.1			SCOTT	AR					
				1	1.4	SEARCY	AR					49
6	2.3	6	1.8	6	1.4	SEBASTIAN	AR	-22	-24	-41	35	49
		1	2.1			SEVIER	AR					
2	4.1					SHARP	AR					
		2	8.2			STONE	AR					
2	1.3	3	1.7	3	1.9	UNION	AR	30	10	44	82	67
		2	3.5			VAN BUREN	AR					
3	1.1	8	2.6	5	1.1	WASHINGTON	AR	137	-57	2	68	43
1	.6	4	2.4	2	.8	WHITE	AR	318	-68	35	80	34
				1	2.2	WOODRUFF	AR					74
2	2.9	3	3.4	4*	4.1	YELL	AR	16	19	38	80	93
1274	2.1	1590	2.1	1218	1.4	CALIFORNIA	CA	-1	-35	-36		
82	2.3	89	2.2	59	1.5	ALAMEDA	CA	-2	-34	-35	40	54
1	1.6	2	3.4	1	1.1	AMADOR	CA	116	-68	-30	44	42
7	1.9	12	2.5	11	2.0	BUTTE	CA	31	-20	5	69	70
		1	1.6			CALAVERAS	CA					
2	3.0	5*	7.4			COLUSA	CA	147				
31	2.1	29	1.4	39	1.6	CONTRA COSTA	CA	-30	10	-23	51	57
		3	3.7	1	1.5	DEL NORTE	CA		-58			56
2	2.2	6	2.8	5	1.6	EL DORADO	CA	29	-44	-27	47	57
30	2.2	34	2.1	20	1.1	FRESNO	CA	-6	-47	-50	26	42
2	2.9	2	2.5			GLENN	CA	-12				
11	2.7	3	.6	8	1.7	HUMBOLDT	CA	-79	199	-38	38	60
5	1.6	6	2.0	6	2.1	IMPERIAL	CA	22	5	29	78	71
20	2.0	23	1.8	21	1.3	KERN	CA	-11	-24	-32	43	49
1	.4	3	1.5	1	.4	KINGS	CA	252	-72	-3	65	30
1	1.1	4	5.5	1	.3	LAKE	CA	381	-94	-71	09	30
		3	3.6	3	3.0	LASSEN	CA		-18			86
532	2.3	594	2.2	419	1.5	LOS ANGELES	CA	-7	-32	-36	39	54
1	.6	3	1.6			MADERA	CA	172				
13	2.1	12	1.4	13	1.5	MARIN	CA	-36	11	-29	46	55
		3*	7.6	2	4.4	MARIPOSA	CA		-43			94
3	1.2	2	.7			MENDOCINO	CA	-37				
6	2.0	7	1.8	13*	2.9	MERCED	CA	-9	60	46	82	85
10	1.6	19	2.3	9	.8	MONTEREY	CA	51	-66	-49	27	35
8	2.8	8	1.9	11	2.4	NAPA	CA	-34	32	-13	59	79
3	2.5	3	2.8	1	.4	NEVADA	CA	10	-86	-85	01	30
34	1.7	76	1.7	89	1.4	ORANGE	CA	3	-21	-18	55	50
4	1.8	1	.3	3	.6	PLACER	CA	-86	156	-64	14	33
2	2.8	1	1.4			PLUMAS	CA	-49				
21	2.0	49	2.7	27	1.0	RIVERSIDE	CA	37	-63	-50	27	40
35	2.2	51	2.3	36	1.4	SACRAMENTO	CA	4	-41	-38	37	50
		2	2.4			SAN BENITO	CA					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
37	2.1	60	2.3	54	1.6	SAN BERNARDINO CA	11	-29	-21	52	59
55	1.6	95	1.9	82	1.2	SAN DIEGO CA	19	-36	-23	50	46
82	2.1	70	2.0	49	1.5	SAN FRANCISCO CA	-6	-21	-26	49	56
20	1.8	15	1.2	25	1.9	SAN JOAQUIN CA	-32	55	5	69	67
8	2.2	14	2.8	9	1.5	SAN LUIS OBISPO CA	29	-46	-30	45	55
41	2.6	54	2.5	35	1.4	SAN MATEO CA	-4	-45	-47	29	50
6	1.0	21	2.2	20	1.6	SANTA BARBARA CA	129	-28	65	86	58
49	2.6	68	2.1	48	1.1	SANTA CLARA CA	-19	-48	-58	18	43
11	2.6	9	1.6	10	1.1	SANTA CRUZ CA	-39	-32	-58	18	42
5	2.5	7	2.0	6	1.5	SHASTA CA	-21	-23	-39	36	56
4	2.7	8*	4.7	2	1.4	SISKIYOU CA	76	-69	-46	30	52
14	2.9	12	1.6	7	.8	SOLANO CA	-45	-53	-74	07	34
18	2.7	19	2.1	15	1.2	SONOMA CA	-20	-44	-55	21	45
20	3.0	20	2.4	6	.6	STANISLAUS CA	-21	-77	-82	02	31
1	.5	2	1.2	3	1.6	SUTTER CA	130	26	190	97	56
		9*	6.6	1	.6	TEHAMA CA		-91			32
12	1.7	17	2.2	8	.9	TULARE CA	25	-59	-49	27	37
1	1.4	3	3.0	3	2.1	TUOLUMNE CA	114	-31	48	83	72
14	2.3	26	2.1	25	1.4	VENTURA CA	-9	-33	-38	37	51
7	3.2	3	.8	7	1.7	YOLO CA	-75	109	-48	29	61
2	1.3	2	1.4	4	2.1	YUBA CA	13	48	68	87	73
151	2.1	177	2.0	153	1.4	COLORADO CO	-4	-30	-33		
6	1.7	11	1.3	16	2.3	ADAMS CO	-22	80	40	81	77
				1	2.7	ALAMOSA CO					82
		1	8.0			ARCHULETA CO					
		2	5.8			BACA CO					
2	5.7					BENT CO					
5	1.9	15	3.4	12	1.4	BOULDER CO	79	-58	-26	49	52
1	2.3	1	2.2	1	1.9	CHAFFEE CO	-5	-11	-15	57	68
1	6.1					CHEYENNE CO					
		2	7.2			CONEJOS CO					
1	5.8					CROWLEY CO					
				1	1.2	DELTA CO					45
62	2.5	48	1.7	52	1.7	DENVER-ARAPAHOE# CO	-32	2	-31	44	62
		1	3.1	3*	7.8	DOUGLAS CO		151			99
1	5.5	1	3.3			EAGLE CO	-37				
5	1.1	12	1.5	10	1.1	EL PASO CO	47	-31	2	68	42
3	2.6	6	4.5	5	3.4	FREMONT CO	75	-25	31	79	89
1	1.4	1	1.5			GARFIELD CO	5				
1	4.2	1	5.1	1	2.8	GUNNISON CO	20	-44	-33	42	84
2	4.3	1	3.6	2*	7.2	HUERFANO CO	-17	102	67	87	98
9	2.4	16	2.0	15	1.2	JEFFERSON CO	-15	-39	-48	28	46
1	2.7					KIT CARSON CO					
		1	2.1			LAKE CO					
3	3.8	2	2.3			LA PLATA CO	-39				
4	1.6	5	1.5	6	1.3	LARIMER CO	-8	-16	-23	51	47
4	3.5	2	2.1	1	1.5	LAS ANIMAS CO	-41	-28	-57	19	55
2	9.7			1	3.7	LINCOLN CO			-62	14	91
		1	.9			LOGAN CO					
5	2.3	5	2.2	6	2.0	MESA CO	-4	-10	-14	58	68
1*	29.8					MINERAL CO					
		1	2.8			MOFFAT CO					
1	1.7	1	1.7	1	1.2	MONTEZUMA CO	0	-28	-28	47	45
1	1.2	2	2.0			MONTROSE CO	69				
1	.9	2	2.1			MORGAN CO	136				
3	2.6	5	4.3	3	3.0	OTERO CO	63	-30	14	73	86
		1*	12.7			OURAY CO					
1	4.0					PHILLIPS CO					
		1	5.5	1	1.6	PITKIN CO		-72			57
				1	1.7	PROWERS CO					61
14	2.9	15	2.9	8	1.5	PUEBLO CO	0	-48	-48	28	54
		1	1.9			RIO GRANDE CO					
1	2.0			1	3.2	ROUTT CO			61	85	87
		1	9.3			SAGUACHE CO					
1	6.1			1	6.1	TELLER CO			1	67	98
6	1.8	12	3.4	4	.9	WELD CO	89	-73	-49	27	37
2	3.8					YUMA CO					
282	2.6	311	2.5	254	1.8	CONNECTICUT CT	-5	-28	-31		
68	2.4	92	2.9	59	1.7	FAIRFIELD CT	23	-43	-30	44	60
87*	3.1	85	2.5	71	1.9	HARTFORD CT	-18	-23	-37	39	68
12	2.3	16	2.8	27*	3.6	LITCHFIELD CT	22	30	59	85	90
8	2.0	11	2.3	7	1.2	MIDDLESEX CT	14	-48	-41	35	44
81	2.9	72	2.3	54	1.6	NEW HAVEN CT	-20	-33	-46	30	57
10	1.2	17	1.8	17	1.6	NEW LONDON CT	43	-7	32	79	59
4	1.3	9	2.5	11	2.3	TOLLAND CT	92	-7	79	88	76
12	3.6	9	2.5	8	1.9	WINDHAM CT	-30	-25	-47	29	67
36	2.4	28	1.4	29	1.3	DELAWARE DE	-42	-7	-47		
4	1.9	2	1.0	6	1.7	KENT DE	-49	71	-12	59	61
25	2.5	23	1.6	22	1.4	NEW CASTLE DE	-35	-10	-41	35	52
7	2.6	3	1.2	1	.2	SUSSEX DE	-54	-80	-91	00	29
57	2.5	33	2.1	25	2.2	DIST. OF COLUMBIA DC	-15	6	-10		
57	2.5	33	2.1	25	2.2	WASHINGTON DC	-15	6	-10	61	75
296	1.9	510	2.0	531	1.3	FLORIDA FL	7	-33	-28		
2	.8	4	2.0	6	1.7	ALACHUA FL	131	-14	100	91	60
1	3.8					BAKER FL					
4	3.0	4	2.2	4	1.2	BAY FL	-26	-45	-59	17	47
1	1.7	2	4.2			BRADFORD FL	149				
3	.8	14	2.4	13	1.2	BREVARD FL	201	-49	55	84	46
13	1.3	44	1.9	68	1.7	BROWARD FL	49	-14	29	78	60
1	3.1					CALHOUN FL					
		3	3.3	6	1.2	CHARLOTTE FL		-64			45

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE HODGKIN'S DISEASE ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
		2	1.6			CITRUS	FL					
		2	1.8	5	2.2	CLAY	FL		23			74
		4	3.8	8	2.6	COLLIER	FL		-31			81
2	3.1	3	4.1	2	2.2	COLUMBIA	FL	31	-47	-30	44	74
63	1.9	109	2.3	120	1.8	DADE	FL	21	-22	-5	64	64
2	4.2			2	1.8	DE SOTO	FL			-56	20	65
27	2.3	35	2.3	13	.7	DUVAL	FL	-2	-68	-69	10	34
9	2.3	10	1.4	9	1.4	ESCAMBIA	FL	-38	-2	-39	37	51
				1	2.5	FLAGLER	FL					80
2	2.0	1	1.9			GADSDEN	FL	-4				
		1	6.0			GILCHRIST	FL					
1	5.6			1	5.0	HAMILTON	FL			-10	61	96
		2	3.2			HARDEE	FL					
		1	2.5			HENDRY	FL					
		1	1.7	2	2.1	HERNANDO	FL		20			72
1	1.5	2	1.6	3	1.9	HIGHLANDS	FL	8	15	24	77	66
30	2.3	42	2.3	27	1.1	HILLSBOROUGH	FL	1	-53	-52	24	42
		1	1.4			HOLMES	FL					
2	2.6	6	4.6	5	1.2	INDIAN RIVER	FL	74	-73	-53	23	46
2	1.7			4	2.8	JACKSON	FL			67	87	84
1	4.8			1	4.1	JEFFERSON	FL			-14	58	93
3	1.8	5	1.2	7	1.7	LAKE	FL	-36	52	-3	65	62
		7	2.0	14	1.3	LEE	FL		-33			49
6	3.0	4	1.9	2	.6	LEON	FL	-38	-67	-80	03	32
2	4.8	1	2.5	1	2.4	LEVY	FL	-49	-3	-50	26	78
1	2.8			1	2.6	MADISON	FL			-7	62	81
4	1.7	7	1.3	7	.5	MANATEE	FL	-28	-62	-73	07	31
3	1.9	6	2.9	6	2.2	MARION	FL	51	-25	13	73	74
		1	1.2	3	1.0	MARTIN	FL		-13			40
3	1.4	2	1.2	6	2.0	MONROE	FL	-14	65	42	82	70
		1	1.3			NASSAU	FL					
2	1.5	3	1.2			OKALOOSA	FL	-14				
11	1.3	19	1.6	16	1.0	ORANGE	FL	18	-36	-25	49	40
1	.5			1	.3	OSCEOLA	FL			-33	41	30
14	2.2	35	3.1	35	1.5	PALM BEACH	FL	41	-50	-30	45	55
		5	1.1	11	1.8	PASCO	FL		66			66
34	2.4	49	1.8	55	1.7	PINELLAS	FL	-25	-9	-32	43	59
18	3.0	21	2.4	12	.9	POLK	FL	-18	-65	-71	08	37
1	1.0	3	2.4	2	.9	PUTNAM	FL	137	-61	-7	63	38
2	1.8	1	1.2	4	2.5	ST JOHNS	FL	-35	113	38	81	80
1	.6	4	2.7	3	1.2	ST LUCIE	FL	352	-55	101	91	45
1	1.7	1	.6	2	1.1	SANTA ROSA	FL	-62	75	-34	41	43
8	2.8	13	2.4	11	1.0	SARASOTA	FL	-15	-57	-63	14	40
2	1.6	6	2.0	9	1.9	SEMINOLE	FL	21	-5	15	74	66
1	2.1	2	4.8	3	3.3	SUMTER	FL	127	-32	55	84	88
1	1.7	1	1.6			SUWANNEE	FL	-4				
7	1.6	19	2.6	19	1.5	VOLUSIA	FL	66	-41	-2	66	55
1	8.6					WAKULLA	FL					
2	3.8	1	1.9			WALTON	FL	-51				
				1	2.2	WASHINGTON	FL					74
246	2.3	265	2.0	246	1.5	GEORGIA	GA	-14	-24	-35		
3*	6.9	1	2.5	1	1.8	APPLING	GA	-63	-29	-74	06	63
2*	8.4					ATKINSON	GA					
1	3.3			1	2.9	BACON	GA			-10	61	85
1	1.0	1	1.3			BALDWIN	GA	25				
		1	3.1			BANKS	GA					
2	3.8	3	4.8	1	1.6	BARROW	GA	26	-66	-57	19	59
4	3.6	4	2.9	3	2.2	BARTOW	GA	-19	-25	-40	36	73
2	4.4	2	4.3			BEN HILL	GA	-2				
		1	2.0			BERRIEN	GA					
8	2.8	10	2.5	7	1.5	BIBB	GA	-9	-42	-47	29	53
		2	2.9			BLECKLEY	GA					
1	5.5			2*	6.8	BRANTLEY	GA			25	77	98
1	2.2					BROOKS	GA					
		2*	8.9			BRYAN	GA					
3	5.3	1	1.1	2	2.0	BULLOCH	GA	-79	81	-62	15	71
		1	2.7	1	2.8	BURKE	GA		7			84
1	3.5	1	3.5			BUTTS	GA	-1				
		2*	14.5			CALHOUN	GA					
1	8.0					CAMDEN	GA					
1	4.4					CANDLER	GA					
2	1.3	1	.6	7*	4.0	CARROLL	GA	-56	599	205	97	93
		2	1.8	2	1.7	CATOOSA	GA		-5			61
8	1.7	9	1.8	14	2.4	CHATHAM	GA	6	35	43	82	78
1	1.4			4*	4.8	CHATTOOGA	GA			243	98	95
3	3.2	2	1.6	4	2.4	CHEROKEE	GA	-49	49	-24	49	79
1	1.0	2	1.5	4	2.5	CLARKE	GA	51	69	155	95	81
		1*	8.8			CLAY	GA					
2	4.9	6	4.1	4	.5	CLAYTON	GA	-15	-88	-90	00	31
		1	4.5	2*	9.8	CLINCH	GA		119			99
9	2.0	12	2.3	11	.9	COBB	GA	15	-59	-53	23	38
1	2.8					COFFEE	GA					
4	3.8	1	.8	2	1.7	COLQUITT	GA	-78	104	-56	20	59
				3	3.0	COLUMBIA	GA					86
2	2.7			1	1.5	COWETA	GA			-42	34	56
1	2.2	1	1.8			CRISP	GA	-18				
		1	2.3			DADE	GA					
		2*	12.2	1	5.7	DAWSON	GA		-53			97
3	4.1	1	1.6			DECATUR	GA	-61				
12	1.9	27	2.4	22	1.6	DE KALB	GA	27	-34	-16	57	57
4*	9.0			1	1.7	DODGE	GA			-81	02	60
				1	3.6	DOOLY	GA					90
3	2.3	5	2.0	3	1.0	DOUGHERTY	GA	-15	-51	-58	18	39
				2	1.1	DOUGLAS	GA					43
				1	2.3	EARLY	GA					77
2	8.8	1	2.1			EFFINGHAM	GA	-76				
3	6.1	3	5.5	2	3.4	ELBERT	GA	-10	-38	-44	32	69
2	4.6					EMANUEL	GA					
		2*	8.3			EVANS	GA					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — HODGKIN'S DISEASE — ICD 201

COUNTY AND STATE	1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
FANNIN GA	1	1.8									
FAYETTE GA			1	3.4							
FLOYD GA	9	4.4	3	1.3	2	.5	-70	-59	-88	00	31
FORSYTH GA	1	2.8			1	1.0			-66	12	39
FRANKLIN GA	1	1.9	1	1.5			-21				
FULTON GA	49	3.4	34	2.1	25	1.6	-39	-22	-52	24	58
GILMER GA	1	3.1	3*	6.3	1	1.8	103	-72	-43	34	63
GLYNN GA	3	3.4	1	.8	3	1.5	-76	76	-58	18	53
GORDON GA	5*	7.1	3	4.0	2	1.7	-44	-58	-77	05	60
GRADY GA			1	1.7	1	1.4		-20			50
GREENE GA	2	6.3									
GWINNETT GA	4	2.2	3	1.2	4	.8	-43	-34	-62	14	36
HABERSHAM GA	2	2.9	3	3.3	2	2.0	14	-41	-33	42	69
HALL GA	3	1.5	3	1.1	4	1.7	-27	49	9	72	61
HANCOCK GA					1*	6.2					98
HARALSON GA			1	1.6							
HART GA	3	6.4	2	3.7			-43				
HEARD GA	1	4.3									
HENRY GA	2	4.0									
HOUSTON GA	1	2.0			6	2.1			9	71	73
IRWIN GA					1	2.9					85
JACKSON GA	4	5.4	2	2.4	3	3.3	-55	34	-40	36	88
JASPER GA			1	5.0							
JEFF DAVIS GA	1	4.1	1	2.5			-38				
JEFFERSON GA	1	3.4	1	2.2	1	2.5	-36	16	-26	48	80
JENKINS GA	1	3.5									
JOHNSON GA					1	3.8					92
LAMAR GA			2	5.8							
LANIER GA			1	5.2							
LAURENS GA	1	1.0			1	.7			-29	46	33
LINCOLN GA	2*	13.4	3*	17.8	1	3.7	32	-79	-72	08	91
LOWNDES GA	1	.7	1	.5	3	1.5	-35	208	100	91	53
LUMPKIN GA	1	2.9	3*	9.9			237				
MC DUFFIE GA					1	2.7					82
MC INTOSH GA	2*	14.3									
MACON GA	1	3.5	1	3.7	1	3.3	4	-11	-7	63	88
MADISON GA	2	4.0	2	3.8	2	4.1	-4	7	3	68	93
MARION GA	1	7.8			1*	7.1			-8	62	98
MITCHELL GA	1	1.3									
MORGAN GA					1	2.5					80
MURRAY GA	1	5.0	1	2.3	3	3.4	-53	48	-31	43	89
MUSCOGEE#GA	6	2.2	12	2.9	6	1.1	30	-63	-53	24	41
NEWTON GA	1	1.4			2	2.3			69	87	77
OCONEE GA			1	4.0							
OGLETHORPE GA			1	3.9							
PEACH GA			1	3.0							
PICKENS GA			1	2.4	1	1.9		-22			66
PIERCE GA			1	3.5							
PIKE GA			1	6.3	1	3.6		-43			90
POLK GA	4	3.6	2	1.6	3	2.4	-55	52	-32	43	78
PULASKI GA	1	4.6			2*	7.7			69	87	99
PUTNAM GA			1	7.2							
RICHMOND GA	10	2.9	11	2.7	14*	3.2	-8	19	10	72	87
ROCKDALE GA			1	1.3	2	1.8		37			64
SCREVEN GA	2	6.0									
SEMINOLE GA			1	4.8							
SPALDING GA	2	1.5	4	3.0	1	.6	103	-81	-62	15	31
STEPHENS GA	2	3.8	1	1.3	3	3.4	-67	174	-10	62	89
SUMTER GA			4*	6.8							
TATTNALL GA			1	1.4							
TAYLOR GA			1	3.8							
TELFAIR GA	1	2.9									
TERRELL GA					1	5.4					97
THOMAS GA	2	2.2	1	.7	4	3.8	-66	413	72	87	91
TIFT GA					2	1.4					51
TOOMBS GA	1	1.4			2	3.0			119	93	86
TROUP GA	1	.5	6	4.0	5	3.0	655	-26	460	99	86
TURNER GA					1	4.9					96
UNION GA	1	3.0			1	3.0			-1	66	86
UPSON GA	1	1.1	2	2.5	2	2.0	122	-18	82	89	71
WALKER GA	2	1.4	7	3.8	4	1.7	181	-57	21	76	60
WALTON GA			2	2.9	2	2.1		-29			72
WARE GA	1	1.4	2	1.9	1	.8	37	-59	-44	32	35
WASHINGTON GA	1	2.2	1	3.7			68				
WAYNE GA	1	1.1									
WHITE GA	1	4.4	2	6.0	1	1.8	36	-70	-60	16	63
WHITFIELD GA	3	1.8	3	1.4	4	1.3	-23	-4	-26	48	49
WILCOX GA			2*	7.7							
WILKES GA			2	7.1							
HAWAII HI			16	1.9	11	1.2		-41			
HAWAII HI			4*	6.1							
HONOLULU HI			10	1.1	10	1.4		37			53
KAUAI HI			1	8.0	1	2.0		-75			70
MAUI#HI			1	1.7							
IDAHO ID	59	2.0	89	2.8	55	1.5	40	-47	-26		
ADA ID	6	1.4	16	3.5	4	.6	142	-83	-59	17	32
ADAMS ID			2*	13.6							
BANNOCK ID	6	2.5	3	1.4	6	2.7	-46	101	7	71	83
BEAR LAKE ID	2	6.3	1	3.2			-49				
BENEWAH ID	1	3.1			1	2.9			-6	64	85
BINGHAM ID	1	.7			1	.7			-5	64	33
BOISE ID	1*	9.1									
BONNER ID	3	3.4	2	2.1			-40				
BONNEVILLE ID	4	3.3	1	.5	3	1.4	-85	179	-59	17	49
BOUNDARY ID			1	3.4	1	2.6		-23			82
BUTTE ID			1	13.2							
CANYON ID	1	.4	10	3.4	4	1.1	800	-68	192	97	42

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
				1	3.1	CARIBOU	ID					87
1	1.3	2	3.6	1	1.6	CASSIA	ID	185	-55	27	78	58
		1*	27.0			CLARK	ID					
1	3.2					CLEARWATER	ID					
				1	4.2	CUSTER	ID					93
		3	6.4	2	2.3	ELMORE	ID		-64			77
3*	9.0	3*	9.7			FREMONT	ID	7				
4*	9.8	1	1.6	3*	5.9	GEM	ID	-84	275	-40	36	97
		2	7.2			GOODING	ID					
		1	1.6	1	1.2	IDAHO	ID		-23			46
1	2.0					JEFFERSON	ID					
		2	3.7			JEROME	ID					
3	1.9	8*	4.4	4	2.1	KOOTENAI	ID	129	-53	7	71	71
3	4.3	2	2.1	3	2.5	LATAH	ID	-51	21	-41	35	80
		1	3.8			LEMHI	ID					
1	3.8					LEWIS	ID					
		1	5.6			LINCOLN	ID					
		1	2.5	3*	4.7	MADISON	ID		88			95
1	1.4	1	1.8	2	2.9	MINIDOKA	ID	34	58	111	92	85
1	.7	2	1.4	3	2.0	NEZ PERCE	ID	113	40	198	97	69
				1	4.5	ONEIDA	ID					95
		3*	9.1	1	2.6	OWYHEE	ID		-71			81
		3	4.4	1	1.9	PAYETTE	ID		-57			66
1	7.0			1	5.4	POWER	ID			-23	50	97
3	2.9	5	4.9			SHOSHONE	ID	68				
8	4.2	8	4.6	5	2.4	TWIN FALLS	ID	8	-46	-42	34	79
1	5.2			1	4.0	VALLEY	ID			-23	51	93
2	3.9	2	5.2	1	3.2	WASHINGTON	ID	35	-39	-17	56	87
963	2.2	981	2.1	745	1.6	ILLINOIS	IL	-4	-26	-29		
12	3.3	6	1.6	10	2.8	ADAMS	IL	-51	68	-18	55	83
		1	2.2			ALEXANDER	IL					
2	2.7	1	1.3			BOND	IL	-52				
1	1.0	1	.8	1	.9	BOONE	IL	-19	7	-14	58	37
6	3.0	1	.5	3	1.4	BUREAU	IL	-84	203	-53	23	51
1	3.0			1	2.1	CALHOUN	IL			-31	44	72
2	2.0	4	3.5	1	1.0	CARROLL	IL	80	-73	-51	25	39
1	1.2	1	.9	2	2.3	CASS	IL	-26	150	84	89	76
10	2.8	20	3.9	7	1.3	CHAMPAIGN	IL	42	-67	-53	24	48
4	1.9	3	1.7	4	2.1	CHRISTIAN	IL	-10	23	11	72	72
1	.8					CLARK	IL					
		1	2.3			CLAY	IL					
1	.9	3	2.4	1	.7	CLINTON	IL	163	-72	-27	48	33
4	2.0	6	2.8	4	1.8	COLES	IL	39	-36	-11	60	65
474	2.2	461	2.2	348	1.7	COOK	IL	-2	-21	-23	51	62
4	3.1	1	.8	4	4.0	CRAWFORD	IL	-75	402	28	78	93
1	1.6	2	3.3	1	2.1	CUMBERLAND	IL	107	-37	30	79	72
6	2.5	7	2.9	6	2.1	DE KALB	IL	14	-26	-16	57	73
1	1.0	3	2.9	1	1.2	DE WITT	IL	177	-58	16	75	45
2	2.5	5*	6.5	1	.9	DOUGLAS	IL	167	-86	-62	14	38
17	2.0	39	2.2	44	1.9	DU PAGE	IL	11	-14	-5	64	66
2	2.2	1	1.3			EDGAR	IL	-42				
		2	4.0			EDWARDS	IL					
3	2.4	2	1.7	2	1.3	EFFINGHAM	IL	-27	-23	-44	33	48
		4	3.4			FAYETTE	IL					
4	4.6	3	3.5	2	2.4	FORD	IL	-25	-30	-48	28	78
6	2.4	5	2.8	5	2.5	FRANKLIN	IL	18	-13	3	69	80
5	2.0	4	2.0	3	1.1	FULTON	IL	-2	-43	-45	32	43
1	2.4	1	4.1	1	2.1	GALLATIN	IL	74	-49	-11	60	72
2	2.0			1	1.2	GREENE	IL			-40	36	45
4	3.8	3	2.5	1	.7	GRUNDY	IL	-35	-72	-82	02	33
4*	5.4					HAMILTON	IL					
4	3.5	2	1.4	5*	4.2	HANCOCK	IL	-61	209	21	76	94
2	5.8			1	3.9	HARDIN	IL			-32	42	92
		2	6.1			HENDERSON	IL					
6	2.1	6	2.3	3	1.0	HENRY	IL	7	-55	-51	25	41
		6	3.6	7*	4.1	IROQUOIS	IL		16			93
3	1.5	3	1.5	2	.9	JACKSON	IL	-4	-41	-43	33	37
1	1.1	1	1.1			JASPER	IL	-2				
3	1.9	3	2.8	1	.5	JEFFERSON	IL	45	-81	-73	07	31
		1	1.3	1	1.1	JERSEY	IL		-16			43
		3	2.6	2	2.0	JO DAVIESS	IL		-24			69
3*	6.5	2	4.5			JOHNSON	IL	-31				
25	2.8	23	2.2	19	1.8	KANE	IL	-25	-14	-35	40	65
6	1.4	6	1.4	5	1.2	KANKAKEE	IL	4	-18	-15	57	44
1	1.4			5*	3.5	KENDALL	IL			153	95	90
7	2.3	4	1.3	5	1.7	KNOX	IL	-40	24	-26	48	60
25	2.6	30	2.1	19	1.2	LAKE	IL	-17	-43	-53	24	45
20*	3.7	9	1.8	11	1.9	LA SALLE	IL	-51	7	-48	28	68
2	1.8	2	2.9	1	1.0	LAWRENCE	IL	63	-65	-44	33	40
6	3.6	3	1.7	3	1.7	LEE	IL	-52	-2	-53	23	60
8	4.0	4	2.0	5	2.4	LIVINGSTON	IL	-50	19	-40	36	78
1	.7	4	2.4	5	3.0	LOGAN	IL	266	23	349	99	86
3	2.1	7	4.9	2	.9	MC DONOUGH	IL	135	-81	-56	21	38
8	2.5	10	2.3	6	1.0	MC HENRY	IL	-11	-58	-62	15	39
13	3.2	10	2.5	9	1.9	MC LEAN	IL	-23	-22	-40	36	68
15	3.2	13	2.5	6	1.0	MACON	IL	-21	-59	-68	11	41
5	1.7	5	2.6	9*	3.4	MACOUPIN	IL	54	29	98	91	89
20	2.2	26	2.5	9	.7	MADISON	IL	14	-70	-66	12	34
7	3.3	7	3.6			MARION	IL	8				
		2	2.6	2	2.8	MARSHALL	IL		9			84
2	3.0	1	1.5			MASSAC	IL	-52				
		2	3.5			MENARD	IL					
1	1.2	2	2.2	3	3.6	MERCER	IL	88	63	206	97	91
2	2.5	2	2.2	2	2.0	MONROE	IL	-10	-11	-21	53	69
2	1.5	4	2.4	2	1.5	MONTGOMERY	IL	67	-36	6	70	56
3	1.5	1	.6	1	.5	MORGAN	IL	-62	-18	-68	10	31
1	1.6			2	2.8	MOULTRIE	IL			76	88	83
3	1.7	3	1.6	3	1.3	OGLE	IL	-3	-24	-26	48	47
24	2.7	22	2.5	13	1.5	PEORIA	IL	-9	-39	-45	32	55

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
4	3.7	1	.7	2	1.8	PERRY IL	-80	146	-51	26	65
5*	7.4	1	1.4	1	1.3	PIATT IL	-81	-11	-83	02	48
2	1.6	3	2.6	3	3.3	PIKE IL	61	31	111	92	89
				1	6.1	POPE IL					98
		1	2.9	1	2.0	PULASKI IL		-28			71
1	.6	3	1.9	2	1.2	RANDOLPH IL	229	-34	117	93	46
2	2.4	2	2.3			RICHLAND IL	-4				
13	1.9	9	1.2	9	1.3	ROCK ISLAND IL	-38	10	-32	42	48
19	2.1	19	2.0	11	1.2	ST CLAIR IL	-6	-40	-44	33	45
5	3.7	6	4.1	1	1.2	SALINE IL	12	-71	-67	11	45
13	2.0	16	2.2	7	1.0	SANGAMON IL	10	-56	-52	25	39
				1	1.7	SCHUYLER IL					60
1	2.6			2*	5.5	SCOTT IL			113	93	97
3	2.5	1	.6	1	.8	SHELBY IL	-77	46	-66	12	36
				3*	9.6	STARK IL					99
5	2.3	6	2.7	3	1.3	STEPHENSON IL	19	-51	-42	34	48
5	1.2	10	2.1	10	1.8	TAZEWELL IL	74	-14	50	84	65
		3	3.1	1	.7	UNION IL		-77			34
6	1.3	13	2.8	11	2.3	VERMILION IL	123	-20	79	88	76
3	5.1			4*	5.7	WABASH IL			11	73	97
1	.8	4	3.7	1	.9	WARREN IL	340	-77	2	68	37
4	4.2	2	2.3	1	.7	WASHINGTON IL	-46	-70	-84	01	33
4	3.8					WAYNE IL					
4	3.6	3	2.8	1	.9	WHITE IL	-23	-66	-74	06	38
10	4.0	5	1.6	3	1.0	WHITESIDE IL	-59	-36	-74	06	41
9	1.1	21	2.2	18	1.5	WILL IL	108	-32	41	81	55
8	3.4	6	2.3	3	1.2	WILLIAMSON IL	-33	-46	-64	13	46
18	2.2	24	2.4	21	2.0	WINNEBAGO IL	9	-18	-10	61	70
5	4.1					WOODFORD IL					
468	2.3	483	2.2	368	1.6	INDIANA IN	-4	-29	-32		
1	.9	4	3.3			ADAMS IN	288				
17	1.8	21	2.0	17	1.5	ALLEN IN	11	-22	-14	58	55
4	2.0	6	2.6	6	2.8	BARTHOLOMEW IN	31	7	39	81	83
		2	3.6	1	2.0	BENTON IN		-45			69
		2	2.6	2	2.2	BLACKFORD IN		-14			75
3	2.1	5	3.7	5	3.0	BOONE IN	74	-18	43	82	86
				1	1.9	BROWN IN					68
2	2.3	1	1.0	2	2.0	CARROLL IN	-55	90	-15	58	69
4	1.9	4	1.9	5	2.4	CASS IN	0	27	27	77	77
11*	4.6	6	2.1	5	1.2	CLARK IN	-54	-42	-73	07	46
3	1.9	2	2.0	1	.8	CLAY IN	4	-60	-58	18	35
4	2.5	4	2.6	2	1.3	CLINTON IN	3	-50	-49	27	48
1	2.9			1	2.1	CRAWFORD IN			-28	46	73
1	1.3	1	.7	1	.7	DAVIESS IN	-43	-2	-44	32	34
6	4.2	2	1.6	3	2.3	DEARBORN IN	-63	43	-47	30	76
2	1.9	3	2.9	2	1.7	DECATUR IN	54	-41	-8	62	62
4	2.8	2	1.3	4	2.7	DE KALB IN	-54	109	-3	65	83
13	2.6	8	1.6	13	2.3	DELAWARE IN	-39	43	-13	59	76
		3	2.2	5	3.7	DUBOIS IN		68			91
16	3.5	13	2.6	7	1.2	ELKHART IN	-27	-53	-65	13	46
		2	1.9	2	1.6	FAYETTE IN		-11			59
6	2.7	9	3.6	1	.4	FLOYD IN	36	-90	-86	01	30
1	1.1	2	2.0	1	1.1	FOUNTAIN IN	82	-46	-1	66	42
1	1.2	2	2.5			FRANKLIN IN	119				
1	1.2	1	2.1			FULTON IN	72				
7	5.0	3	2.0	2	1.2	GIBSON IN	-61	-41	-77	05	44
9	2.9	9	2.6	2	.6	GRANT IN	-10	-78	-80	03	32
6	3.7	2	1.4	5	3.3	GREENE IN	-62	130	-12	60	88
3	1.7	1	.4	4	1.6	HAMILTON IN	-76	295	-6	64	57
2	1.8	3	1.9	3	1.8	HANCOCK IN	6	-6	0	66	64
		1	1.1	2	1.8	HARRISON IN		76			66
5	3.5	2	1.1	6	2.1	HENDRICKS IN	-69	98	-39	37	73
6	2.6	6	2.6	4	1.6	HENRY IN	-3	-38	-40	36	57
7	2.7	10	3.2	2	.5	HOWARD IN	21	-85	-82	02	31
3	1.9	7	4.1			HUNTINGTON IN	121				
4	2.9	4	2.7	4	2.4	JACKSON IN	-6	-11	-16	56	78
1	1.2	1	.7	1	.9	JASPER IN	-41	22	-27	47	37
5	4.0	4	3.2	4	3.6	JAY IN	-21	14	-10	61	91
		1	.8	2	1.5	JEFFERSON IN		96			55
5*	5.8	2	2.3	1	.9	JENNINGS IN	-61	-59	-84	01	38
2	1.5	8	3.6	2	.7	JOHNSON IN	137	-61	-55	21	33
9	4.0	5	2.4	2	1.2	KNOX IN	-39	-51	-70	09	44
3	1.7	7	3.4	2	.7	KOSCIUSKO IN	98	-79	-59	17	34
		2	2.1	2	1.7	LAGRANGE IN		-21			61
41	2.2	43	2.2	30	1.6	LAKE IN	2	-27	-26	48	58
8	2.0	9	2.0	6	1.2	LA PORTE IN	-1	-41	-41	35	45
4	2.6	4	2.6	3	1.4	LAWRENCE IN	3	-46	-45	32	51
8	1.3	19	3.0	14	2.3	MADISON IN	127	-24	73	88	76
70	2.7	71	2.5	47	1.6	MARION IN	-7	-34	-38	38	59
6	3.8	2	1.2	4	2.3	MARSHALL IN	-69	90	-40	35	76
1	2.1	2	4.5	1	2.0	MARTIN IN	111	-56	-7	63	69
5	3.0	5	2.9	1	.6	MIAMI IN	-2	-78	-78	04	33
7	2.9	11	3.5	7	2.1	MONROE IN	18	-39	-28	46	73
7	4.3	4	2.3	3	1.7	MONTGOMERY IN	-47	-24	-60	16	62
4	2.8	1	.7	2	.8	MORGAN IN	-76	18	-71	08	36
3	4.7					NEWTON IN					
3	2.4	6	4.1	1	.7	NOBLE IN	75	-84	-72	07	33
1	3.6					OHIO IN					
2	2.3	3	3.5	2	2.2	ORANGE IN	52	-37	-4	65	74
4*	6.0	3	4.6			OWEN IN	-23				
2	2.4	3	3.7	1	1.5	PARKE IN	54	-59	-36	40	56
2	2.4	3	3.4			PERRY IN	40				
2	2.8			4*	5.4	PIKE IN			91	90	97
3	1.2	8	2.6	5	1.3	PORTER IN	123	-51	9	72	47
2	1.8			1	.9	POSEY IN			-51	26	38
1	1.4	1	1.4	2	3.3	PULASKI IN	-3	143	134	94	88
3	2.5					PUTNAM IN					
5	3.8	2	1.4	4	2.8	RANDOLPH IN	-63	98	-26	48	84
4	3.2					RIPLEY IN					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
4	4.0	2	2.6	1	.9	RUSH IN	-36	-66	-78	04	37
22	2.2	29	2.7	23	2.2	ST JOSEPH IN	23	-17	2	67	75
2	3.0	1	1.4			SCOTT IN	-51				
3	1.6	2	1.2	2	1.0	SHELBY IN	-29	-12	-37	38	40
1	.9	2	1.9	3	3.0	SPENCER IN	100	61	223	98	86
		2	2.5	1	1.2	STARKE IN		-54			44
2	2.5	1	1.3	3	2.8	STEUBEN IN	-50	122	10	72	84
4	4.0			1	1.2	SULLIVAN IN			-71	08	44
7	2.0	7	1.6	13	3.0	TIPPECANOE IN	-20	91	52	84	86
3	4.2			3	4.1	TIPTON IN			-2	66	93
1	2.5			2*	6.4	UNION IN			155	95	98
8	1.0	14	1.9	12	1.5	VANDERBURGH IN	95	-17	61	85	55
3	3.4	2	1.4	2	1.8	VERMILLION IN	-58	24	-47	29	63
13	2.6	13	2.5	8	1.6	VIGO IN	-5	-37	-40	36	56
4	2.9	3	1.6	3	1.7	WABASH IN	-43	5	-41	35	62
		1	3.5	1	2.2	WARREN IN		-35			75
2	2.1	2	1.4	1	.7	WARRICK IN	-34	-52	-68	10	33
4	5.4	4	5.0	1	1.2	WASHINGTON IN	-7	-77	-79	04	44
6	1.8	5	1.4	8	2.3	WAYNE IN	-24	68	27	78	77
		5	5.1	3	2.3	WELLS IN		-54			77
2	2.0	4	3.9			WHITE IN	97				
1	1.0	1	.9			WHITLEY IN	-14				
298	2.2	319	2.4	224	1.6	IOWA IA	9	-34	-29		
1	1.7	2	3.7			ADAIR IA	124				
		1	3.2	1	2.0	ADAMS IA		-39			70
		1	1.5	1	1.1	ALLAMAKEE IA		-29			42
5	5.8	2	1.9	2	1.9	APPANOOSE IA	-67	-1	-67	11	67
3	5.3	1	1.8			AUDUBON IA	-66				
2	1.6	6*	4.4	3	2.5	BENTON IA	165	-44	49	83	79
15	2.9	10	1.8	4	.7	BLACK HAWK IA	-37	-61	-75	06	34
2	1.3	1	.6			BOONE IA	-52				
4	4.1	4	4.0	3	2.7	BREMER IA	-3	-33	-35	40	82
3	3.2	3	3.4			BUCHANAN IA	9				
3	2.5	2	1.7	2	1.5	BUENA VISTA IA	-32	-8	-38	38	56
3	3.4	2	2.0	2	1.8	BUTLER IA	-40	-11	-46	30	64
1	1.0	3	3.9	1	1.8	CALHOUN IA	305	-54	88	90	65
		3	3.0	2	1.4	CARROLL IA		-53			52
5	5.4	5*	5.8	2	2.7	CASS IA	7	-53	-50	26	82
		2	2.2	2	1.8	CEDAR IA		-20			64
6	2.3	7	2.8	4	1.6	CERRO GORDO IA	18	-41	-31	44	58
1	1.1					CHEROKEE IA					
				1	1.4	CHICKASAW IA					52
1	2.2	1	1.5	1	2.5	CLARKE IA	-29	63	16	74	80
		1	1.0	2	1.9	CLAY IA		83			66
		4	3.6			CLAYTON IA					
5	1.7	5	1.7	4	1.4	CLINTON IA	2	-19	-17	56	51
4	3.9	3	2.7	1	.9	CRAWFORD IA	-31	-67	-77	05	37
2	1.7			4	2.8	DALLAS IA			71	87	84
		1	2.6			DAVIS IA					
3	6.4	2	3.4	1	1.5	DECATUR IA	-47	-57	-77	05	53
2	1.9	3	3.3	1	.9	DELAWARE IA	69	-71	-51	25	39
9	4.1	6	2.8	4	1.9	DES MOINES IA	-33	-32	-54	23	67
3	5.9	1	1.8	1	1.8	DICKINSON IA	-69	0	-69	10	64
6	1.8	10	2.8	9	2.2	DUBUQUE IA	57	-20	26	77	75
2	2.5	3	4.1	1	1.3	EMMET IA	64	-68	-47	30	49
1	.7			2	1.3	FAYETTE IA			90	90	49
1	.9	4	3.4	2	1.8	FLOYD IA	290	-47	106	92	64
2	2.3	3	5.2	2	2.2	FRANKLIN IA	121	-57	-5	64	75
2	3.3	2	3.6	1	1.4	FREMONT IA	8	-60	-57	19	51
4	4.6	3	4.7	1	2.4	GREENE IA	3	-49	-48	29	78
2	2.7	1	2.4	1	1.3	GRUNDY IA	-11	-45	-51	25	48
2	2.6			1	1.8	GUTHRIE IA			-30	45	64
1	.9	1	.9	2	1.8	HAMILTON IA	-2	110	105	92	65
4	4.8	3	3.8	1	1.1	HANCOCK IA	-20	-72	-78	04	41
2	1.9	2	2.2	1	.8	HARDIN IA	14	-63	-57	19	36
1	1.3					HARRISON IA					
2	1.8	2	2.0	2	2.6	HENRY IA	11	31	46	82	81
1	1.4	1	1.7			HOWARD IA	16				
1	1.5	2	3.2			HUMBOLDT IA	118				
2	3.0	2	6.9	1	4.2	IDA IA	127	-39	38	81	94
1	1.1			3	3.7	IOWA IA			247	98	91
		2	2.0	1	1.1	JACKSON IA		-44			42
3	1.8	6	3.3	1	.5	JASPER IA	90	-85	-71	08	31
2	2.5					JEFFERSON IA					
3	1.2	6	2.4	2	.6	JOHNSON IA	107	-74	-47	30	32
3	2.9	2	2.0	2	1.7	JONES IA	-33	-14	-42	34	60
		1	.8	1	1.4	KEOKUK IA		76			52
		1	.7	4	3.6	KOSSUTH IA		397			90
5	2.3	4	1.9	8*	3.7	LEE IA	-17	97	64	86	91
14	2.7	15	2.2	11	1.4	LINN IA	-17	-37	-47	29	51
		1	2.0	1	1.4	LOUISA IA		-29			51
3	4.0	2	5.6			LUCAS IA	40				
2	2.5	1	1.1			MADISON IA	-55				
2	1.5	4	3.3	1	.8	MAHASKA IA	125	-77	-48	29	35
2	1.1	5	3.8	5	3.4	MARION IA	242	-10	208	97	89
6	3.2	4	2.5	6	3.1	MARSHALL IA	-23	25	-4	64	87
				3*	4.5	MILLS IA					95
3	4.0			1	1.1	MITCHELL IA			-74	06	41
1	1.9			1	2.0	MONONA IA			8	71	70
2	3.7	2	2.6			MONROE IA	-30				
4	4.8	4	5.0	3	3.4	MONTGOMERY IA	5	-33	-30	45	89
4	2.5	3	1.7	2	1.1	MUSCATINE IA	-29	-39	-57	19	41
4	4.1	3	3.0	2	2.1	O'BRIEN IA	-25	-31	-49	28	72
				3*	5.3	OSCEOLA IA					96
3	2.5	3	2.5	1	.6	PAGE IA	-3	-74	-75	06	32
2	2.5					PALO ALTO IA					
2	1.8	4	3.3	3	2.6	PLYMOUTH IA	84	-21	46	83	82
2	3.0					POCAHONTAS IA					
28	2.5	32	2.7	27	2.2	POLK IA	8	-20	-14	58	74

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
9	2.4	15*	3.9	11	2.6	POTTAWATTAMIE IA	62	-33	8	71	81
1	1.0	1	1.0	2	1.9	POWESHIEK IA	6	83	94	90	66
1	1.5	2	4.4	2*	4.2	RINGGOLD IA	189	-3	179	96	94
1	1.3			1	1.0	SAC IA			-22	52	41
6	1.1	7	1.3	10	1.6	SCOTT IA	15	23	41	82	57
1	1.3	3	3.9			SHELBY IA	200				
6	4.8	4	3.5	2	1.3	SIOUX IA	-27	-62	-72	07	49
4	2.0	7	3.2	7	2.5	STORY IA	62	-21	28	78	80
2	1.7	2	1.6	3	3.1	TAMA IA	-5	94	83	89	87
3	6.0	1	3.5	1	1.9	TAYLOR IA	-42	-46	-69	10	67
1	1.5	6*	8.0			UNION IA	437				
		1	1.4			VAN BUREN IA					
5	2.1	11*	5.9	4	1.9	WAPELLO IA	185	-67	-7	63	68
3	3.4	2	1.9	3	2.6	WARREN IA	-44	35	-25	49	81
3	3.1	4	4.6	3	3.0	WASHINGTON IA	47	-35	-4	64	86
				1	1.1	WAYNE IA					41
8	3.5	6	2.7	4	1.8	WEBSTER IA	-23	-34	-49	27	63
		1	1.4	1	1.2	WINNEBAGO IA		-14			46
4	3.6	4	3.2			WINNESHIEK IA	-9				
13	2.4	11	2.3	1	.2	WOODBURY IA	-3	-92	-92	00	29
4*	6.6					WORTH IA					
3	3.0	5*	6.1			WRIGHT IA	107				
215	2.2	224	2.2	180	1.7	KANSAS KS	-1	-23	-24		
		2	3.1	1	1.4	ALLEN KS		-56			50
3	4.2	2	5.1	3*	5.9	ANDERSON KS	20	16	39	81	97
1	1.1			2	2.5	ATCHISON KS			119	93	79
1	1.9	2	4.5	1	4.2	BARBER KS	137	-7	121	94	94
3	2.0	2	1.3	1	.7	BARTON KS	-32	-49	-65	13	33
1	.7	1	1.9	1	.8	BOURBON KS	166	-57	14	73	36
2	2.4			1	.8	BROWN KS			-68	11	35
6	3.5	2	1.0	5	2.5	BUTLER KS	-70	140	-29	46	79
		1	3.0			CHASE KS					
1	1.8					CHAUTAUQUA KS					
4	2.9	2	1.5	1	1.0	CHEROKEE KS	-47	-34	-66	12	40
2	6.3					CHEYENNE KS					
		2*	15.0			CLARK KS					
1	3.0	2	2.8			CLAY KS	-4				
1	1.0			1	1.6	CLOUD KS			61	86	58
		1	1.9			COFFEY KS					
1	4.6					COMANCHE KS					
4	2.1	5	2.8	3	1.8	COWLEY KS	35	-38	-17	56	63
6	2.9	5	2.1	2	.8	CRAWFORD KS	-28	-60	-71	08	36
3*	8.4					DECATUR KS					
3	2.4	5	4.6	3	2.8	DICKINSON KS	90	-39	15	74	84
1	3.1	3	5.3			DONIPHAN KS	72				
2	1.1	2	1.0	2	1.1	DOUGLAS KS	-10	15	3	69	43
		1	2.3			EDWARDS KS					
1	4.3	1	4.1			ELK KS	-5				
2	2.3	2	2.1	1	1.0	ELLIS KS	-7	-50	-54	23	41
1	2.0	2	7.2	1	1.7	ELLSWORTH KS	268	-76	-11	60	62
2	2.8			3	3.3	FINNEY KS			16	75	88
		2	1.8	1	.9	FORD KS		-48			38
1	.7	3	3.3	2	1.9	FRANKLIN KS	404	-43	186	96	67
1	1.1	2	2.1	2	2.2	GEARY KS	93	4	100	91	74
		1	4.9			GOVE KS					
		1	4.7			GRAHAM KS					
2*	9.3	1	4.6			GRAY KS	-51				
3	3.6	2	2.0			GREENWOOD KS	-43				
		2*	12.1			HAMILTON KS					
2	3.6			1	2.9	HARPER KS			-19	54	85
6*	5.1	3	2.6	5	3.4	HARVEY KS	-50	34	-32	42	90
		1	5.1			HODGEMAN KS					
1	2.3	4*	6.5	2	4.3	JACKSON KS	178	-33	86	89	94
2	3.1	4*	8.0	1	1.6	JEFFERSON KS	160	-79	-46	30	59
1	1.2	2	5.2	1	1.7	JEWELL KS	320	-67	36	80	60
7	2.2	13	1.6	23	2.1	JOHNSON KS	-27	32	-4	65	73
1	1.8					KINGMAN KS					
1	4.0	1	4.1			KIOWA KS	3				
2	1.1	1	.5	3	2.2	LABETTE KS	-55	318	89	90	74
		1	8.1			LANE KS					
2	.8	2	.8	4	1.8	LEAVENWORTH KS	3	110	117	93	63
2	4.7					LINCOLN KS					
1	1.3	1	1.5	3*	7.4	LINN KS	16	397	475	99	98
				1	7.4	LOGAN KS					98
2	1.4	5	3.5	1	.6	LYON KS	155	-84	-59	17	31
		2	1.5	3	2.3	MC PHERSON KS		60			77
2	3.0	2	1.8	3	4.0	MARION KS	-40	122	32	79	93
4	3.2	3	5.5	3	5.1	MARSHALL KS	72	-8	57	85	96
		1	3.6			MEADE KS					
2	1.8	3	3.3	2	1.9	MIAMI KS	87	-42	9	72	67
3	5.3			2	4.0	MITCHELL KS			-25	49	92
2	.9	3	1.3	5	2.7	MONTGOMERY KS	43	115	207	97	83
		2	5.0	1	1.5	MORRIS KS		-69			56
1	10.5					MORTON KS					
4	5.6	2	2.5	2	4.2	NEMAHA KS	-56	70	-25	49	94
3	2.6	4	4.0	2	1.9	NEOSHO KS	51	-51	-26	48	68
4*	15.1	1	8.8			NESS KS	-42				
2	3.7					NORTON KS					
		3	5.4	2	2.4	OSAGE KS		-56			77
2	3.7					OSBORNE KS					
		1	1.9			OTTAWA KS					
2	2.9	1	1.6	2	4.3	PAWNEE KS	-46	173	49	83	94
1	1.7	1	1.7	1	1.5	PHILLIPS KS	0	-8	-8	62	55
2	2.3			1	2.0	POTTAWATOMIE KS			-10	61	71
3	4.4	1	2.2			PRATT KS	-50				
		1	3.8			RAWLINS KS					
7	2.3	6	2.1	3	1.0	RENO KS	-13	-51	-57	19	40
2	5.1	2	4.6			REPUBLIC KS	-10				
1	1.4	1	1.4			RICE KS	0				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE HODGKIN'S DISEASE ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	1.1	2	1.1	1	.8	RILEY KS	5	-28	-24	50	35
		3*	6.0			ROOKS KS					
1	2.8	1	3.0	1	2.2	RUSH KS	7	-28	-23	51	74
1	1.5	2	2.9	1	2.4	RUSSELL KS	99	-19	60	65	78
4	2.3	6	2.8	5	2.4	SALINE KS	23	-14	5	70	78
2*	7.6	1	4.7			SCOTT KS	-38				
18	1.4	38	2.9	22	1.5	SEDGWICK KS	112	-49	8	71	54
1	1.7	1	1.1	1	1.4	SEWARD KS	-34	26	-17	56	52
18	3.1	14	2.3	9	1.3	SHAWNEE KS	-26	-44	-58	18	48
4*	11.5					SHERMAN KS					
				1	2.3	SMITH KS					76
4*	10.1	2	6.9	1	8.1	STAFFORD KS	-32	19	-20	54	99
		1*	8.0			STANTON KS					
1	8.4					STEVENS KS					
2	1.5	2	1.4	1	.8	SUMNER KS	-4	-45	-47	29	35
1	2.7					THOMAS KS					
1	8.3			2*	13.0	TREGO KS			57	85	99
				2	6.3	WABAUNSEE KS					98
1	1.3	1	3.8	2	5.1	WASHINGTON KS	200	36	307	99	96
1	8.6			1*	6.9	WICHITA KS			-20	53	98
1	1.1	1	1.4	3	4.8	WILSON KS	28	247	342	99	95
1	1.8					WOODSON KS					
15	2.3	12	1.8	13	1.9	WYANDOTTE KS	-23	6	-18	55	67
307	2.4	287	2.1	240	1.6	KENTUCKY KY	-12	-24	-33		
3	4.5	4*	6.6	1	1.4	ADAIR KY	47	-78	-68	10	52
5*	6.9	3	4.3			ALLEN KY	-37				
		1	2.5			ANDERSON KY					
2	4.8	1	1.6			BALLARD KY	-67				
4	3.1	4	2.8	4	2.2	BARREN KY	-10	-23	-31	44	74
1	1.9			1	1.6	BATH KY			-16	57	59
3	1.6	5	3.7	4	2.8	BELL KY	128	-24	74	88	84
		1	.7	3	1.8	BOONE KY		138			63
2	2.8			1	1.4	BOURBON KY			-51	25	49
9	3.9	9	3.7	7	2.7	BOYD KY	-4	-27	-30	44	82
2	2.5	2	2.2	1	1.0	BOYLE KY	-15	-52	-59	17	41
2	3.5					BRACKEN KY					
		1	1.1	2	3.0	BREATHITT KY		183			86
1	1.5	1	1.0			BRECKINRIDGE KY	-32				
3	5.2	1	.9			BULLITT KY	-83				
		1	1.4			BUTLER KY					
3	4.7			1	1.9	CALDWELL KY			-60	16	66
1	.9	3	2.8	2	1.2	CALLOWAY KY	210	-58	30	79	44
11	2.9	9	2.2	8	2.1	CAMPBELL KY	-25	-5	-29	46	71
1	3.5	1	2.2	2*	7.7	CARLISLE KY	-37	251	121	94	99
		1	2.8	1	2.0	CARROLL KY		-28			70
2	2.2			1	1.0	CARTER KY			-55	22	39
2	2.9	1	1.5			CASEY KY	-47				
3	1.3	3	1.6	1	.4	CHRISTIAN KY	25	-74	-68	11	30
2	2.4	4	4.4	3	2.8	CLARK KY	84	-35	19	75	84
1	.9	2	2.6	3	3.4	CLAY KY	179	33	272	98	90
1	2.1	3*	7.8	1	2.7	CLINTON KY	272	-65	30	79	83
3	6.3			1	1.6	CRITTENDEN KY			-74	06	59
4	1.2	3	1.0	8	2.3	DAVIESS KY	-15	135	99	91	77
1	2.5					EDMONSON KY					
1	2.5					ELLIOTT KY					
1	1.7	1	1.5	1	1.2	ESTILL KY	-13	-19	-30	45	44
5	1.1	14	2.6	9	1.4	FAYETTE KY	142	-47	28	78	50
2	3.3	2	3.7	2	2.9	FLEMING KY	13	-23	-13	59	85
5	1.7	3	1.5	2	1.1	FLOYD KY	-16	-25	-37	39	42
5	3.9	3	1.9	1	.4	FRANKLIN KY	-51	-79	-90	00	30
1	1.7	2	4.1	1	1.7	FULTON KY	147	-58	3	69	62
1	2.3	1	2.1	3*	6.6	GARRARD KY	-9	217	188	97	98
		1	1.8	1	1.7	GRANT KY		-8			60
4	2.4			4	2.5	GRAVES KY			3	68	80
2	2.2	1	1.4	2	1.7	GRAYSON KY	-33	17	-21	52	61
2	3.7	1	2.1	1	1.6	GREEN KY	-43	-22	-56	21	58
4	3.4	3	2.3	3	2.1	GREENUP KY	-32	-8	-37	39	73
		1	4.8			HANCOCK KY					
9	5.4	3	1.2	5	2.5	HARDIN KY	-77	97	-55	22	79
4	1.9			1	.5	HARLAN KY			-72	08	31
1	1.3	1	1.1	1	1.6	HARRISON KY	-19	48	20	76	58
		2	2.7			HART KY					
3	3.1	2	1.6	5	2.9	HENDERSON KY	-48	82	-5	64	85
		1	2.1	3*	4.4	HENRY KY		113			94
4	2.2	5	2.7	4	2.0	HOPKINS KY	19	-26	-12	59	69
2	4.2			1	2.1	JACKSON KY			-50	26	72
52	2.5	69	2.8	50	1.9	JEFFERSON KY	11	-32	-25	49	67
1	1.2	4*	5.8	1	.8	JESSAMINE KY	374	-87	-37	39	35
2	1.7	4	4.8	1	1.4	JOHNSON KY	188	-71	-15	57	51
13	2.6	11	1.9	12	2.0	KENTON KY	-26	5	-22	51	70
4*	5.3			1	1.2	KNOTT KY			-77	05	45
2	1.9	1	1.0	3	2.4	KNOX KY	-45	136	30	79	79
2	4.1	2	3.4	1	1.9	LARUE KY	-18	-44	-54	22	67
1	.7	1	.8			LAUREL KY	7				
3	4.9					LAWRENCE KY					
		1	2.4			LEE KY					
		2	4.6	2	3.7	LESLIE KY		-18			91
3	1.8	2	1.9	1	1.0	LETCHER KY	8	-49	-45	31	39
1	1.6	2	3.2			LEWIS KY	93				
1	1.4	2	2.3	1	1.0	LINCOLN KY	07	-57	-29	46	39
3	2.9	1	1.1	1	.9	LOGAN KY	-63	-20	-70	09	37
1	1.8					LYON KY					
2	.9	6	2.6	2	.8	MC CRACKEN KY	182	-71	-17	55	34
				2	3.9	MC CREARY KY					92
		1	2.5			MC LEAN KY					
4	2.6	2	1.4	7*	3.8	MADISON KY	-46	172	48	83	92
1	1.4					MAGOFFIN KY					
1	1.6	2	3.1			MARION KY	94				
1	1.5	2	1.9	2	2.1	MARSHALL KY	29	10	42	82	73

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	2.0	3	4.1			MASON KY	109				
1	2.1			1	2.3	MEADE KY			10	72	76
2*	8.9					MENIFEE KY					
1	1.3	2	2.7	1	1.1	MERCER KY	110	-58	-12	60	43
2	4.5			1	1.9	METCALFE KY			-57	19	68
1	1.6	4*	6.8			MONROE KY	339				
1	1.7			2	2.4	MONTGOMERY KY			40	81	78
1	1.8	5*	10.4			MORGAN KY	491				
4	3.0	4	3.2	5	3.7	MUHLENBERG KY	6	17	24	77	91
2	2.3			2	1.9	NELSON KY			-16	57	68
		1	3.1			NICHOLAS KY					
2	2.2	2	2.2	2	1.7	OHIO KY	3	-22	-20	53	62
				1	1.5	OLDHAM KY					53
2	8.3					OWSLEY KY					
		3	5.1	2	4.0	PENDLETON KY		-21			93
4	2.5	4	3.4	3	2.4	PERRY KY	34	-29	-5	64	78
9	3.1	4	1.5	2	.7	PIKE KY	-51	-56	-78	04	33
		1	3.1	1	3.0	POWELL KY		-5			85
4	2.4			2	.9	PULASKI KY			-64	14	37
1	1.8	1	1.7	2	3.1	ROCKCASTLE KY	-8	86	71	87	87
1	1.4	4*	6.8			ROWAN KY	373				
3	5.9			1	1.7	RUSSELL KY			-71	08	61
2	2.9	2	2.7	1	1.2	SCOTT KY	-9	-55	-59	17	45
3	3.6	3	3.2	2	2.5	SHELBY KY	-9	-22	-30	45	80
3	5.2	2	3.7			SIMPSON KY	-28				
				1	4.0	SPENCER KY					93
3	4.4	2	2.6	2	2.4	TAYLOR KY	-42	-7	-46	30	78
2	3.9	2	3.5	1	1.6	TODD KY	-10	-56	-60	16	57
2	4.1	2	4.6	1	1.7	TRIGG KY	13	-62	-57	19	62
		1	4.2			TRIMBLE KY					
3	4.2	1	1.7			UNION KY	-61				
8	4.2	5	2.3	1	.3	WARREN KY	-45	-85	-92	00	30
1	2.1			1	1.7	WASHINGTON KY			-20	53	59
2	2.9	1	1.4	4*	5.1	WAYNE KY	-53	270	73	88	96
4	5.6	1	1.5	1	1.1	WEBSTER KY	-73	-25	-80	03	43
4	3.0	1	.7	3	2.4	WHITLEY KY	-77	243	-20	53	79
1	2.8					WOLFE KY					
				1	1.1	WOODFORD KY					4:
203	2.3	236	2.2	178	1.4	LOUISIANA LA	-5	-35	-38		
3	1.8	3	1.8	2	1.1	ACADIA LA	3	-38	-37	39	4:
2	3.0	1	1.5	6*	8.1	ALLEN LA	-49	422	165	96	9:
2	2.8	1	.7	3	2.3	ASCENSION LA	-74	210	-19	54	7:
2	4.6					ASSUMPTION LA					
5	3.3	1	1.1	2	1.4	AVOYELLES LA	-68	27	-59	16	4:
1	1.3	6*	7.9	4*	3.9	BEAUREGARD LA	514	-51	201	97	9:
2	4.2	2	4.1			BIENVILLE LA	-3				
4	2.3	2	1.6	4	1.5	BOSSIER LA	-31	-8	-37	39	5:
15	2.7	12	1.8	13	1.7	CADDO LA	-34	-2	-36	40	6:
6	1.5	9	1.9	4	.7	CALCASIEU LA	26	-64	-54	22	3:
1	2.8					CALDWELL LA					
1	3.1					CAMERON LA					
		1	3.9	2	4.9	CATAHOULA LA		28			9:
2	4.4	1	2.1	2	3.0	CLAIBORNE LA	-52	41	-32	43	8:
1	1.6	1	1.7	1	1.5	CONCORDIA LA	7	-14	-8	62	5:
2	3.1	1	1.6			DE SOTO LA	-48				
15	3.0	20	2.5	17	1.9	EAST BATON ROUGE LA	-18	-25	-39	37	6:
1	5.3					EAST CARROLL LA					
		2	5.8	1	1.8	EAST FELICIANA LA		-69			6:
3	2.7	2	1.6			EVANGELINE LA	-41				
1	1.4	1	1.4	1	1.3	FRANKLIN LA	-1	-10	-11	61	4:
1	1.8	3	6.7			GRANT LA	281				
4	3.3	1	.5	4	2.1	IBERIA LA	-83	281	-37	39	7:
2	3.3			1	1.3	IBERVILLE LA			-60	16	4:
				1	1.3	JACKSON LA					4:
6	1.2	22	1.9	28	1.7	JEFFERSON LA	62	-9	47	83	6:
1	1.1	3	2.6	4	3.4	JEFFERSON DAVIS LA	143	30	217	97	8:
3	1.0	8	2.9	9	2.4	LAFAYETTE LA	178	-18	128	94	7:
3	2.5	4	1.4	3	1.5	LAFOURCHE LA	-42	2	-41	35	5:
3	6.1					LA SALLE LA					
		1	1.4	2	1.9	LINCOLN LA		42			6:
2	2.9	1	1.0	3	1.7	LIVINGSTON LA	-66	64	-44	33	5:
3	5.5	2	2.6	2	2.0	MOREHOUSE LA	-53	-23	-64	14	6:
3	3.3	2	2.0			NATCHITOCHES LA	-40				
42	2.2	50	2.8	16	1.1	ORLEANS LA	29	-61	-50	26	4:
3	1.3	5	1.4	5	1.4	OUACHITA LA	15	-6	8	71	5:
		3	3.3	2	2.0	PLAQUEMINES LA		-37			7:
3	5.1	1	2.4	2	3.0	POINTE COUPEE LA	-52	24	-41	35	8:
5	1.8	8	2.2	8	1.8	RAPIDES LA	21	-16	2	68	6:
1	3.2					RED RIVER LA					
2	3.2	2	3.0	1	1.2	RICHLAND LA	-4	-60	-61	15	4:
1	1.3			1	.8	SABINE LA			-34	41	3:
4	7.7	6	4.7	1	.4	ST BERNARD LA	-38	-91	-94	00	3:
2	3.7	1	1.5			ST CHARLES LA	-61				
		1	3.3			ST HELENA LA					
1	2.2	3*	7.3	1	2.9	ST JAMES LA	238	-61	33	79	8:
1	2.7	1	2.1			ST JOHN THE BAPT LA	-20				
6	3.3	5	2.2	1	.4	ST LANDRY LA	-32	-83	-89	00	3:
5*	5.7	5*	5.8	1	.8	ST MARTIN LA	2	-86	-86	01	3:
1	.9	4	2.8	2	.9	ST MARY LA	195	-67	-4	65	3:
3	2.6	6	3.4	2	1.0	ST TAMMANY LA	30	-71	-62	14	4:
1	.5	2	1.1	1	.4	TANGIPAHOA LA	112	-64	-24	50	3:
4	2.0	3	1.2	2	.7	TERREBONNE LA	-38	-40	-63	14	3:
2	3.8	2	2.9			UNION LA	-23				
2	1.1	3	1.9	2	1.3	VERMILION LA	74	-34	14	74	4:
2	2.6	3	3.1			VERNON LA	18				
5	4.6	4	3.2	1	.7	WASHINGTON LA	-30	-77	-84	01	3:
2	1.6	2	1.5	3	2.2	WEBSTER LA	-7	47	36	80	7:
2	6.2			2	3.7	WEST BATON ROUGE LA			-40	36	9:
1	1.8	1	2.1	3*	5.1	WEST CARROLL LA	16	143	182	96	9:

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
		1	7.1			WEST FELICIANA	LA					
2	4.1	1	1.2	2	3.4	WINN	LA	-70	177	-16	56	89
118	2.5	120	2.6	107*	2.1	MAINE	ME	2	-18	-17		
13	3.1	11	2.9	18*	4.0	ANDROSCOGGIN	ME	-6	36	27	78	93
15	3.7	10	2.5	9	2.3	AROOSTOOK	ME	-33	-8	-38	38	76
21	2.4	25	2.9	13	1.3	CUMBERLAND	ME	21	-54	-44	32	49
2	1.8	4	3.8	2	1.9	FRANKLIN	ME	104	-50	1	67	66
4	2.4	4	2.1	1	.4	HANCOCK	ME	-11	-79	-81	03	30
11	2.6	10	2.2	11	2.2	KENNEBEC	ME	-14	-2	-16	56	74
4	2.9	6	4.0	4	2.4	KNOX	ME	37	-38	-16	57	79
1	1.1	3	3.1	4	3.2	LINCOLN	ME	174	4	184	96	87
6	2.9	8	3.8	3	1.2	OXFORD	ME	29	-67	-57	19	47
7	1.2	14	2.4	11	1.9	PENOBSCOT	ME	95	-20	56	85	67
3	2.6					PISCATAQUIS	ME					
2	1.7	4	3.7	4	3.4	SAGADAHOC	ME	121	-6	108	92	90
10*	4.7	3	1.7	7*	3.3	SOMERSET	ME	-64	96	-30	44	88
3	2.4	2	1.6	2	1.7	WALDO	ME	-33	2	-32	43	60
5	2.5	5	3.5	2	1.3	WASHINGTON	ME	37	-63	-49	27	48
11	2.3	11	2.1	16*	2.6	YORK	ME	-9	25	14	73	81
277	2.6	300	2.3	261	1.8	MARYLAND	MD	-12	-24	-33		
14	3.2	8	2.1	3	.6	ALLEGANY	MD	-33	-71	-80	03	32
12	1.7	29	3.4	20	1.7	ANNE ARUNDEL	MD	98	-51	-4	65	59
33	2.3	45	1.8	65*	2.3	BALTIMORE	MD	-19	23	0	66	76
		1	2.3	2	2.1	CALVERT	MD		-9			73
		3	4.0	7*	7.4	CAROLINE	MD		85			98
10	3.9	5	1.9	4	1.0	CARROLL	MD	-53	-46	-74	06	40
5	2.3	3	2.0	4	1.7	CECIL	MD	-16	-15	-28	46	60
1	1.1	4	3.8	1	.4	CHARLES	MD	259	-89	-61	15	30
3	3.0	4	3.8	4	4.2	DORCHESTER	MD	25	11	38	81	94
9	3.0	4	1.2	7	1.5	FREDERICK	MD	-60	24	-50	26	54
2	1.8	3	2.9	4	3.1	GARRETT	MD	58	7	69	87	86
8	3.0	7	1.6	4	.9	HARFORD	MD	-45	-44	-69	10	38
3	2.8	7	3.5	4	1.4	HOWARD	MD	27	-60	-49	27	51
3	4.7	2	3.0	2	2.6	KENT	MD	-36	-14	-45	32	81
19	1.8	26	1.6	34	1.6	MONTGOMERY	MD	-6	-4	-10	61	57
23	3.5	40	1.9	35	1.7	PRINCE GEORGE'S	MD	-45	-12	-52	25	61
		2	2.5			QUEEN ANNE'S	MD					
5	6.0	1	1.2	3	2.0	ST MARY'S	MD	-81	69	-67	11	69
1	1.2	1	1.3	2	2.5	SOMERSET	MD	5	103	113	93	80
5*	5.9	5*	6.0	2	1.3	TALBOT	MD	2	-79	-79	04	47
18*	4.5	10	2.2	7	1.4	WASHINGTON	MD	-51	-36	-69	10	51
5	2.7	2	.9	5	2.1	WICOMICO	MD	-66	132	-20	53	73
1	1.2			3	3.0	WORCESTER	MD			156	95	86
97	2.8	88*	3.1	39	1.7	BALTIMORE CITY	MD	12	-44	-37	39	62
729*	3.0	683*	2.7	479*	1.8	MASSACHUSETTS	MA	-10	-34	-40		
11	3.8	9	2.2	15	2.3	BARNSTABLE	MA	-41	6	-38	38	77
13	2.0	22	3.1	16	2.1	BERKSHIRE	MA	56	-31	7	71	73
52	2.6	52	2.6	48	2.2	BRISTOL	MA	0	-16	-16	57	74
				1	2.4	DUKES	MA					78
78	2.8	77	2.7	59	1.9	ESSEX	MA	-5	-29	-33	42	67
13*	4.5	6	2.1	8	2.5	FRANKLIN	MA	-53	17	-45	32	79
75*	3.7	56	2.8	39	1.9	HAMPDEN	MA	-26	-32	-50	27	67
10	2.1	5	.9	9	1.5	HAMPSHIRE	MA	-56	67	-26	48	56
172*	3.2	144	2.4	103	1.6	MIDDLESEX	MA	-24	-33	-48	28	59
				2*	10.9	NANTUCKET	MA					99
56	2.8	79*	3.1	49	1.7	NORFOLK	MA	14	-46	-38	38	61
36	3.3	40	3.0	22	1.4	PLYMOUTH	MA	-8	-53	-56	20	52
133*	3.3	96	2.9	51	1.8	SUFFOLK	MA	-13	-36	-44	32	65
80	2.8	97*	3.3	57	1.8	WORCESTER	MA	18	-45	-35	41	65
741	2.4	853*	2.5	662*	1.8	MICHIGAN	MI	4	-27	-25		
		2	10.9	2	4.5	ALCONA	MI		-58			95
2	3.4	2	4.1			ALGER	MI	20				
6	2.3	6	2.1	4	1.2	ALLEGAN	MI	-10	-43	-48	28	44
3	2.6	1	.7	8*	5.7	ALPENA	MI	-75	760	119	93	97
1	1.3	1	2.1	2	2.2	ANTRIM	MI	62	7	74	88	75
2	4.1			1	1.1	ARENAC	MI			-72	08	44
		1	3.0			BARAGA	MI					
3	2.0	1	.6	3	1.7	BARRY	MI	-69	179	-15	57	61
9	2.0	14	2.8	7	1.4	BAY	MI	38	-51	-32	43	50
				1	1.4	BENZIE	MI					51
14	2.3	20	3.0	18*	2.6	BERRIEN	MI	31	-14	12	73	81
2	1.5	4	2.6	6	3.1	BRANCH	MI	74	20	110	92	87
22*	3.7	10	1.6	13	2.0	CALHOUN	MI	-58	24	-48	29	69
4	2.6	10*	5.8	2	1.0	CASS	MI	128	-83	-61	15	39
1	1.5			1	1.5	CHARLEVOIX	MI			-3	65	53
		2	3.6	1	.9	CHEBOYGAN	MI		-74			38
4	2.7	2	1.4	4	3.1	CHIPPEWA	MI	-48	117	13	73	86
		1	1.0	1	.8	CLARE	MI		-23			35
2	1.1	4	2.2	4	1.9	CLINTON	MI	96	-14	68	87	67
1	4.0	1	3.6			CRAWFORD	MI	-9				
3	1.9	2	1.0	2	1.0	DELTA	MI	-45	-2	-46	30	40
1	.9	7*	6.1	2	1.3	DICKINSON	MI	554	-78	46	82	49
4	1.9	4	1.6	3	1.0	EATON	MI	-19	-34	-47	30	41
4	5.4	3	4.1	2	1.8	EMMET	MI	-25	-56	-67	11	64
38	2.8	42	2.8	25	1.6	GENESEE	MI	0	-43	-44	33	57
1	1.9	5*	7.9			GLADWIN	MI	320				
3	1.8	7*	5.5	2	1.9	GOGEBIC	MI	209	-66	6	70	66
5	2.7	5	3.0	6*	4.0	GRAND TRAVERSE	MI	12	34	51	84	93
3	1.8	4	2.4	7*	3.8	GRATIOT	MI	30	62	110	92	92
4	2.4	3	1.8	2	1.1	HILLSDALE	MI	-25	-39	-54	22	42
2	1.2	3	1.4	2	1.2	HOUGHTON	MI	18	-15	0	67	46
2	1.0			4	2.6	HURON	MI			161	96	82
24	3.0	26	2.9	10	1.0	INGHAM	MI	-4	-65	-67	11	39

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE HODGKIN'S DISEASE ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
5	2.6	5	2.4	5	2.5	IONIA MI	-11	5	-7	63	79
2	2.8	1	1.1	1	.7	IOSCO MI	-61	-33	-74	06	34
1	1.4	2	2.0	4*	4.1	IRON MI	41	107	192	97	93
4	2.9	7	4.7	3	2.3	ISABELLA MI	62	-51	-21	52	76
9	1.4	15	2.7	9	1.4	JACKSON MI	89	-47	0	66	51
8	1.3	13	1.6	13	1.3	KALAMAZOO MI	28	-20	3	68	48
1	4.6	1	5.4	1	1.8	KALKASKA MI	19	-67	-61	16	64
32	2.2	37	2.2	36	2.0	KENT MI	3	-10	-6	63	71
		1	7.5	1	1.7	LAKE MI		-77			61
2	1.2			1	.3	LAPEER MI			-77	05	29
		2	4.0			LEELANAU MI					
10	2.8	7	1.9	7	1.9	LENAWEE MI	-33	-1	-34	41	66
6	3.8	3	1.4	11*	3.2	LIVINGSTON MI	-62	122	-16	56	87
				1	3.8	LUCE MI					92
		3	5.5	4*	8.6	MACKINAC MI		57			99
27	2.4	50	2.3	43	1.5	MACOMB MI	-5	-35	-38	38	55
3	3.9	3	2.9	1	1.0	MANISTEE MI	-27	-67	-76	05	39
4	1.4	1	.3	5	1.5	MARQUETTE MI	-76	330	2	68	54
1	.7					MASON MI					
2	2.3	2	2.0	2	1.5	MECOSTA MI	-13	-23	-33	42	56
3	2.9	1	.8			MENOMINEE MI	-72				
		8	4.0	5	1.7	MIDLAND MI		-56			62
				1	2.6	MISSAUKEE MI					81
9	2.5	10	2.1	9	1.7	MONROE MI	-15	-20	-32	42	60
3	1.5	4	2.1	4	1.9	MONTCALM MI	38	-11	22	76	66
				1	1.7	MONTMORENCY MI					62
11	1.8	23*	3.7	15	2.4	MUSKEGON MI	104	-36	30	79	77
5	4.6	3	2.1	2	1.3	NEWAYGO MI	-54	-35	-70	09	49
57	2.7	76	2.3	87*	2.1	OAKLAND MI	-14	-7	-20	53	73
1	1.2					OCEANA MI					
		1	1.0			OGEMAW MI					
3	7.0	1	1.4	2	2.5	ONTONAGON MI	-80	73	-65	13	79
2	2.7	1	2.2	3	3.4	OSCEOLA MI	-20	56	26	77	89
2	5.2			3*	5.6	OTSEGO MI			7	71	97
12	3.2	9	1.8	14	2.2	OTTAWA MI	-45	22	-32	43	73
1	1.7	2	3.1			PRESQUE ISLE MI	83				
1	2.2	2	6.2			ROSCOMMON MI	190				
31*	4.4	23	2.7	15	1.8	SAGINAW MI	-38	-33	-59	17	65
11	2.2	10	2.1	6	1.1	ST CLAIR MI	-5	-50	-52	24	41
2	1.2	7	3.5	3	1.3	ST JOSEPH MI	187	-62	8	71	48
3	1.9	7	4.1	3	1.6	SANILAC MI	117	-60	-13	59	59
3*	7.4	2	3.7			SCHOOLCRAFT MI	-50				
3	1.3	6	2.2	3	1.0	SHIAWASSEE MI	67	-54	-23	50	40
4	1.9	2	.9	8*	3.4	TUSCOLA MI	-53	286	83	89	89
5	2.4	7	3.2	6	2.1	VAN BUREN MI	34	-33	-11	61	73
11	2.0	16	2.3	11	1.0	WASHTENAW MI	20	-58	-49	27	39
270	2.6	284*	2.8	162	1.9	WAYNE MI	8	-34	-29	46	66
1	1.1	2	2.0	4	3.6	WEXFORD MI	83	77	224	98	90
413*	2.7	440*	2.6	297	1.6	MINNESOTA MN	-1	-38	-39		
1	1.1	2	2.1	1	.8	AITKIN MN	96	-60	-22	52	36
6	2.6	10	3.0	7	1.1	ANOKA MN	16	-62	-56	20	43
1	.8	1	.7	1	.6	BECKER MN	-16	-14	-27	47	32
6*	5.7	1	1.0	2	1.7	BELTRAMI MN	-82	66	-70	09	61
2	2.5	1	1.1	2	1.9	BENTON MN	-55	71	-22	51	68
2	3.4	1	2.7			BIG STONE MN	-20				
10*	5.0	4	1.9	3	1.2	BLUE EARTH MN	-62	-36	-76	05	46
		3	2.4	2	1.5	BROWN MN		-40			53
2	1.6	9*	6.7	1	.7	CARLTON MN	314	-89	-54	23	34
3	3.3	4	3.6	4	2.7	CARVER MN	9	-24	-17	56	82
		2	1.5	2	1.7	CASS MN		11			61
1	1.1	6*	9.4	3	3.6	CHIPPEWA MN	741	-62	221	98	91
1	1.2	2	2.4			CHISAGO MN	103				
7	4.8	4	2.2	6	2.9	CLAY MN	-53	30	-39	37	85
				1	1.5	CLEARWATER MN					56
		1	4.6	1	3.7	COOK MN		-19			91
2	2.4	1	1.1	4*	5.2	COTTONWOOD MN	-55	390	119	93	96
4	2.2	5	2.6	2	.8	CROW WING MN	17	-69	-64	14	36
6	2.8	7	1.8	8	1.2	DAKOTA MN	-34	-32	-55	21	46
		2	3.1	1	1.1	DODGE MN		-64			42
2	1.5	4	3.8	3	2.8	DOUGLAS MN	157	-28	86	89	83
3	2.4	3	2.3	2	2.2	FARIBAULT MN	-4	-8	-12	60	74
1	.9	1	.6			FILLMORE MN	-35				
5	2.8	5	2.6	3	1.6	FREEBORN MN	-9	-39	-44	32	57
3	1.7	4	2.6	1	.4	GOODHUE MN	49	-85	-78	04	30
				1	4.0	GRANT MN					93
110*	3.1	120*	3.1	61	1.5	HENNEPIN MN	1	-52	-51	25	54
				3	3.1	HOUSTON MN					87
2	2.5	1	1.1	1	1.1	HUBBARD MN	-56	1	-56	20	43
1	1.1			2	2.1	ISANTI MN			95	91	72
6	3.0	3	1.6	3	1.5	ITASCA MN	-48	-4	-50	26	55
3	3.9	2	2.3	2	2.5	JACKSON MN	-43	12	-36	40	80
		1	2.0			KANABEC MN					
7	4.2	6	3.9	2	1.3	KANDIYOHI MN	-7	-66	-68	10	49
1	2.0	2	8.1			KITTSON MN	304				
2	2.5	3	3.1	1	1.0	KOOCHICHING MN	25	-67	-59	17	40
1	1.4	2	2.2			LAC QUI PARLE MN	57				
		2	3.5	1	1.8	LAKE MN		-49			63
		4*	14.5	1	4.0	LAKE OF THE WOODS MN		-73			92
2	1.8	3	2.7	2	1.8	LE SUEUR MN	55	-34	2	68	64
4*	7.2	2	4.3			LINCOLN MN	-40				
2	2.2	4	3.3	3	2.5	LYON MN	54	-25	16	74	80
4	3.6	4	2.7	2	1.6	MC LEOD MN	-25	-41	-56	20	57
1	2.5	1	3.4	2*	5.7	MAHNOMEN MN	33	69	125	94	97
2	2.4	2	2.3	1	1.1	MARSHALL MN	-4	-53	-55	22	42
2	1.5	5	5.1	4	3.2	MARTIN MN	242	-37	116	93	87
6*	5.9	1	.8	1	1.0	MEEKER MN	-87	30	-83	02	40
		1	.9	1	2.2	MILLE LACS MN		143			75
2	1.6	3	2.8	6*	3.9	MORRISON MN	79	38	147	95	92
7	3.3	5	2.5	3	1.4	MOWER MN	-23	-45	-58	18	50

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
3	4.0			2	3.8	MURRAY	MN			-6	64	92
1	.9	4	3.5	1	.8	NICOLLET	MN	309	-77	-6	63	36
3	3.2	4	3.2	5*	4.0	NOBLES	MN	2	24	27	77	93
1	1.3	1	2.9	1	1.5	NORMAN	MN	128	-47	22	76	56
5	2.1			5	1.3	OLMSTED	MN			-38	37	48
2	.7	5	1.9	6	1.7	OTTER TAIL	MN	181	-9	156	95	62
		6*	7.4	3	4.0	PENNINGTON	MN		-46			93
3	3.0					PINE	MN					
3	4.0	1	1.4			PIPESTONE	MN	-66				
3	1.7	1	.4	2	1.1	POLK	MN	-74	140	-37	39	41
1	1.1	2	5.8	1	1.9	POPE	MN	446	-67	82	89	68
58*	3.3	50	2.6	33	1.6	RAMSEY	MN	-21	-38	-51	25	58
		1	2.6	1	2.5	RED LAKE	MN		-6			79
4	3.3	3	2.7	4	3.4	REDWOOD	MN	-19	29	5	69	89
3	2.4	2	1.8	2	1.8	RENVILLE	MN	-25	1	-24	50	64
4	2.4	2	.9	4	2.0	RICE	MN	-62	120	-15	57	70
1	2.3	1	1.6	2	3.0	ROCK	MN	-30	85	29	78	86
3	4.2	4*	7.6	1	1.8	ROSEAU	MN	84	-76	-56	20	65
41*	3.7	40*	3.6	17	1.5	ST LOUIS	MN	-3	-59	-60	16	54
		2	1.6	2	1.3	SCOTT	MN		-13			49
		1	1.5	4	4.3	SHERBURNE	MN		192			94
		3	3.5	1	1.5	SIBLEY	MN		-57			55
10	3.1	5	1.3	1	.3	STEARNS	MN	-57	-81	-92	00	29
2	1.9	1	.8			STEELE	MN	-60				
2	3.7	1	1.3	1	1.9	STEVENS	MN	-64	42	-49	27	67
2	3.0	3	5.4	1	1.0	SWIFT	MN	81	-81	-66	12	40
2	1.6	8*	5.7	5*	4.6	TODD	MN	244	-18	180	96	95
		1	2.2	1	3.3	TRAVERSE	MN		49			88
1	1.0	5*	6.0	4*	3.5	WABASHA	MN	477	-43	232	98	90
2	3.2	6*	10.8	3	3.8	WADENA	MN	237	-64	20	75	92
		1	1.9	1	.8	WASECA	MN		-58			35
6	2.8	2	.6	9	3.2	WASHINGTON	MN	-78	414	15	74	87
1	1.2	3	4.6	3	4.2	WATONWAN	MN	265	-8	235	98	93
1	2.2	1	1.9			WILKIN	MN	-13				
7	3.4	6	2.9	2	1.0	WINONA	MN	-14	-67	-71	08	39
4	2.6	4	2.2	5	2.3	WRIGHT	MN	-17	6	-12	60	77
1	1.1			1	1.2	YELLOW MEDICINE	MN			12	73	45
119	2.1	148	2.4	118	1.6	MISSISSIPPI	MS	14	-31	-21		
1	2.2	2	1.9			ADAMS	MS	-16				
1	1.0	2	2.0	1	.8	ALCORN	MS	115	-59	-11	60	36
2	4.3	2	2.9	1	1.1	ATTALA	MS	-32	-61	-73	07	44
1	5.1					BENTON	MS					
4	8.0	2	2.5	1	1.2	BOLIVAR	MS	-69	-53	-85	01	45
1	2.6			3*	4.4	CALHOUN	MS			67	87	94
1	3.0	2*	6.5			CARROLL	MS	113				
1	1.9	2	4.0	1	1.5	CHICKASAW	MS	114	-62	-18	55	55
1	3.2	2	6.4			CHOCTAW	MS	101				
		1	1.7	1	2.2	CLARKE	MS		28			74
4*	10.0	1	2.0	1	2.4	CLAY	MS	-80	21	-76	05	78
2	3.3	3	4.7	1	1.4	COAHOMA	MS	45	-71	-57	19	50
1	1.5	4*	5.1	2	3.3	COPIAH	MS	243	-36	120	93	88
3*	6.5	1	2.4	1	1.8	COVINGTON	MS	-63	-26	-73	07	64
3*	7.4	2	2.2	3	2.6	DE SOTO	MS	-70	18	-65	13	81
2	1.2	3	1.6	3	1.3	FORREST	MS	35	-20	8	71	48
1	3.4	2	6.5	1	2.8	FRANKLIN	MS	93	-57	-18	55	83
				1	1.4	GEORGE	MS					53
		2	6.8			GREENE	MS					
		1	2.3			GRENADA	MS					
		1	1.3			HANCOCK	MS					
6	1.9	8	1.9	8	1.5	HARRISON	MS	5	-25	-22	52	53
5	.9	9	1.9	7	1.0	HINDS	MS	117	-45	19	75	40
1	2.0			1	3.1	HOLMES	MS			55	84	87
1	3.7			1	3.4	HUMPHREYS	MS			-8	62	89
3	4.6	3	4.2	3	3.3	ITAWAMBA	MS	-7	-23	-28	46	88
2	1.0	2	.6	9	2.6	JACKSON	MS	-39	340	169	96	82
		3*	8.3	2	4.6	JASPER	MS		-44			95
1	3.8	1	3.1			JEFFERSON DAVIS	MS	-19				
5	3.0	6	3.1	4	1.8	JONES	MS	7	-42	-38	37	65
1	3.2					KEMPER	MS					
3	4.8	2	3.4	1	1.7	LAFAYETTE	MS	-30	-50	-65	13	61
2	3.9	1	1.7	1	1.2	LAMAR	MS	-57	-29	-69	09	45
5	2.5	3	1.5	6	2.5	LAUDERDALE	MS	-40	70	2	68	60
				1	2.9	LAWRENCE	MS					84
1	1.6	1	1.5	1	2.0	LEAKE	MS	-7	32	22	76	69
5	3.9	2	1.4	4	2.0	LEE	MS	-65	45	-50	27	69
2	2.8	1	1.2	1	1.1	LEFLORE	MS	-59	-5	-61	15	42
2	2.1	2	2.3	1	1.4	LINCOLN	MS	5	-37	-33	41	52
3	2.9	4	3.1	1	.9	LOWNDES	MS	7	-72	-70	09	37
		2	4.0	1	1.8	MADISON	MS		-55			63
		2	2.5	1	1.1	MARION	MS		-56			43
				1	1.3	MARSHALL	MS					48
2	1.7	6*	5.2	3	2.5	MONROE	MS	211	-52	51	84	80
1	1.8	2	5.0			MONTGOMERY	MS	172				
1	1.1	4	5.1			NESHOBA	MS	374				
2	2.7			1	1.0	NEWTON	MS			-62	15	40
4*	17.2	1	5.1			NOXUBEE	MS	-70				
2	3.2					PANOLA	MS					
		6*	6.7	2	1.8	PEARL RIVER	MS		-74			63
		1	2.4	1	3.3	PERRY	MS		35			88
		2	2.0	1	.9	PIKE	MS		-53			38
2	2.3	2	2.9			PONTOTOC	MS	28				
1	1.0	5*	6.3	5*	5.3	PRENTISS	MS	542	-17	432	99	96
1	2.7					QUITMAN	MS					
3	3.7	2	1.7	2	.8	RANKIN	MS	-55	-51	-78	04	35
		1	1.4	3	3.7	SCOTT	MS		163			91
				1	5.1	SHARKEY	MS					96
1	1.4	3	4.2	2	2.7	SIMPSON	MS	197	-35	94	90	83
		1	1.5	1	1.3	SMITH	MS		-14			48
3	3.5	2	2.5			SUNFLOWER	MS	-28				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE HODGKIN'S DISEASE ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	4.1	3*	8.0			TALLAHATCHIE MS	92				
		1	2.3	2	3.2	TATE MS		41			88
5*	7.8	3	4.7	1	1.3	TIPPAH MS	-39	-73	-84	01	47
		3	3.8	3	3.0	TISHOMINGO MS		-21			86
1	4.9					TUNICA MS					
2	2.6	2	2.4	1	1.2	UNION MS	-7	-52	-55	21	44
1	1.9					WALTHALL MS					
2	2.5			3	2.4	WARREN MS			-3	65	78
1	.9	2	1.6	1	.6	WASHINGTON MS	78	-61	-31	43	32
2	4.1	2	5.2	2	3.6	WAYNE MS	27	-30	-11	60	91
		2	5.8	2	3.4	WEBSTER MS		-40			69
				1	5.8	WILKINSON MS					97
		1	1.9	3*	4.7	WINSTON MS		155			95
1	1.9	1	1.9			YALOBUSHA MS	-1				
2	4.1	3	4.7	1	1.5	YAZOO MS	15	-69	-65	13	53
405	2.1	445	2.2	322	1.5	MISSOURI MO	7	-33	-28		
3	2.8	4	3.7	1	.8	ADAIR MO	34	-78	-70	09	36
7*	11.9	4*	6.3			ANDREW MO	-47				
2	4.0	3	5.2	1	2.0	ATCHISON MO	31	-61	-48	28	71
3	2.9	3	3.1	2	1.7	AUDRAIN MO	5	-45	-42	35	61
		2	2.8	1	.8	BARRY MO		-71			35
1	1.3	2	1.9	1	1.1	BARTON MO	51	-44	-16	57	41
1	1.1	4	4.0	2	1.7	BATES MO	253	-58	47	83	60
1	1.9	2	2.0	1	1.1	BENTON MO	8	-48	-44	33	41
1	1.9	1	2.5	2	4.1	BOLLINGER MO	31	64	115	93	93
3	1.0	4	1.4	3	.8	BOONE MO	39	-44	-22	52	35
13	2.7	14	3.0	12*	2.8	BUCHANAN MO	12	-9	2	67	83
1	.6	6	3.7	2	1.4	BUTLER MO	550	-63	140	95	50
1	2.1					CALDWELL MO					
5	3.5	4	3.0			CALLAWAY MO	-14				
		1	2.1	3	2.7	CAMDEN MO		31			82
2	.9	4	1.7	5	2.0	CAPE GIRARDEAU MO	83	15	110	92	68
2	2.7			2	4.3	CARROLL MO			57	85	94
2*	7.8					CARTER MO					
2	1.7	1	.6	2	1.2	CASS MO	-63	99	-26	48	47
		3	5.3	2	4.6	CEDAR MO		-14			95
1	1.3	2	3.1			CHARITON MO	145				
2	2.8	2	2.6	3	3.3	CHRISTIAN MO	-7	30	21	76	88
4*	7.0	2	3.0			CLARK MO	-57				
5	1.3	6	1.3	5	1.1	CLAY MO	-2	-16	-17	56	42
1	1.4	1	1.8	2	2.7	CLINTON MO	27	46	86	90	82
4	1.9	5	2.5	5	2.5	COLE MO	30	0	30	79	79
3	4.3	1	1.2			COOPER MO	-72				
2	3.7	1	.9	1	.8	CRAWFORD MO	-75	-10	-78	04	36
1	5.4	2	3.7	2	4.3	DADE MO	-32	18	-20	53	94
		2	4.4	2	3.3	DALLAS MO		-24			88
3	5.2	1	1.0	1	1.6	DAVIESS MO	-81	60	-69	10	58
1	2.1	1	1.9	1	1.5	DE KALB MO	-9	-21	-27	47	54
2	3.6	2	2.3			DENT MO	-34				
1	1.6					DOUGLAS MO					
2	1.1	1	.6	2	1.5	DUNKLIN MO	-45	167	46	82	56
3	1.4	6	2.4	2	.6	FRANKLIN MO	69	-73	-55	21	32
2	2.4	2	2.8	2	4.1	GASCONADE MO	16	48	72	88	93
14	2.4	15	2.3	14	1.8	GREENE MO	-3	-24	-26	48	63
1	1.1			1	1.8	GRUNDY MO			62	86	63
1	1.3			3*	6.2	HARRISON MO			361	99	98
2	2.1	2	1.7	1	.6	HENRY MO	-19	-64	-71	09	32
		1	1.7	2*	6.3	HICKORY MO		259			98
		1	1.9	1	1.9	HOLT MO		2			68
				1	2.5	HOWARD MO					80
1	.9	2	1.6	4	2.3	HOWELL MO	68	51	153	95	77
		1	3.9			IRON MO					
58	2.3	57	2.2	30	1.2	JACKSON MO	-5	-46	-49	28	45
5	1.3	4	1.0	9	2.1	JASPER MO	-22	112	66	86	72
5	2.3	7	1.7	6	1.2	JEFFERSON MO	-26	-32	-49	27	44
4	3.5	4	3.0	2	.9	JOHNSON MO	-15	-71	-75	06	37
		2	3.5			KNOX MO					
3	3.4	1	1.0	4	3.3	LACLEDE MO	-71	237	-3	65	89
6	4.2			4	2.7	LAFAYETTE MO			-34	41	83
2	1.5	5	3.6	1	.7	LAWRENCE MO	137	-81	-56	21	33
1	1.2			2	4.2	LEWIS MO			254	98	94
5*	6.5	1	1.3	2	2.5	LINCOLN MO	-80	94	-92	15	80
1	.7	1	1.3	1	1.0	LINN MO	80	-24	36	80	39
2	1.8			1	1.3	LIVINGSTON MO			-25	49	48
2	2.9			3	5.5	MC DONALD MO			91	90	97
3	3.0	4	4.8			MACON MO	60				
2	4.7			1	2.1	MARIES MO			-55	22	72
4	2.6	1	.9	4	3.0	MARION MO	-66	237	13	73	86
2	5.2	1	2.0	2*	4.8	MERCER MO	-63	145	-8	62	95
3	3.8	1	1.2	3	3.3	MILLER MO	-69	179	-13	59	89
2	3.1	1	1.3	1	1.5	MISSISSIPPI MO	-57	12	-52	24	54
3	3.9	2	3.1			MONITEAU MO	-21				
		2	2.2	1	2.7	MONROE MO		22			82
1	2.0			2	2.4	MONTGOMERY MO			19	75	78
		1	2.1			MORGAN MO					
1	.8	2	1.8	3	3.9	NEW MADRID MO	143	115	422	99	92
2	1.3			3	1.4	NEWTON MO			12	73	52
5	4.2	3	2.8	2	1.5	NODAWAY MO	-34	-46	-65	13	55
2	3.2	1	1.5			OREGON MO	-54				
1	1.6	1	1.2	1	2.2	OSAGE MO	-24	81	37	80	75
4*	12.3	1	1.8	2	6.0	OZARK MO	-86	241	-51	25	97
		4	3.1	3	2.8	PEMISCOT MO		-9			84
2	2.7	1	1.2	1	1.5	PERRY MO	-57	27	-45	31	53
		1	.7	2	1.0	PETTIS MO		43			39
1	.8	1	.3	1	.7	PHELPS MO	-63	114	-20	53	33
1	1.1			3	3.5	PIKE MO			220	98	90
1	1.1	2	1.1	1	.5	PLATTE MO	-5	-49	-52	24	31
1	1.2	2	2.9	3	2.8	POLK MO	143	-1	141	95	84
2	2.5	1	.6	3	2.8	PULASKI MO	-75	342	12	73	84

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
2	4.1					RALLS MO					
2	2.3	3	2.5	1	.8	RANDOLPH MO	12	-69	-65	13	35
1	1.2	2	2.4			RAY MO	103				
				2*	4.4	REYNOLDS MO					94
2	5.6	1	1.3			RIPLEY MO	-76				
2	.9	8	2.6	8	1.7	ST CHARLES MO	184	-35	85	89	62
		1	1.1	1	2.5	ST CLAIR MO		128			80
1	1.4	4*	6.4	1	1.4	STE GENEVIEVE MO	355	-78	1	67	52
7	4.0	5	3.0	3	1.5	ST FRANCOIS MO	-24	-50	-62	15	55
47	1.8	96	2.8	66	1.6	ST LOUIS COUNTY MO	55	-45	-14	58	57
5	3.7	1	.9	1	1.0	SALINE MO	-74	8	-72	07	40
				1	5.6	SCHUYLER MO					97
2	4.2					SCOTLAND MO					
3	2.3	3	2.0	2	1.2	SCOTT MO	-12	-40	-47	29	45
				1	2.0	SHANNON MO					70
3	5.4					SHELBY MO					
		3	2.5	1	.6	STODDARD MO		-75			32
2	4.4					STONE MO					
		1	5.0	1	1.2	SULLIVAN MO		-76			44
				1	.4	TANEY MO					30
		4	4.6	3	2.3	TEXAS MO		-49			77
2	1.2	2	2.0			VERNON MO	65				
		1	2.1			WARREN MO					
3	3.8					WASHINGTON MO					
		1	3.6			WAYNE MO					
1	1.0	1	1.3	1	.9	WEBSTER MO	28	-34	-16	57	37
1	2.5					WORTH MO					
2	2.2	3	3.4			WRIGHT MO	59				
74	2.3	69	3.1	24	1.4	ST LOUIS CITY MO	36	-54	-37	38	51
63	2.0	90	2.8	47	1.3	MONTANA MT	39	-52	-33		
1	3.6	1	2.6	1	2.8	BEAVERHEAD MT	-27	8	-22	52	84
		2	5.7	1	3.2	BIG HORN MT		-43			88
		1	3.2			BLAINE MT					
		1	6.7			BROADWATER MT					
2	5.6	3*	5.0			CARBON MT	-10				
		1	7.9			CARTER MT					
5	1.5	15*	4.4	8	2.1	CASCADE MT	198	-54	38	81	71
				1	2.4	CHOUTEAU MT					79
2	2.8	1	1.8	1	2.0	CUSTER MT	-36	10	-30	45	70
				1	5.3	DANIELS MT					96
		1	1.0	1	1.2	DEER LODGE MT		18			44
3*	15.9	3*	19.6			FALLON MT	23				
		5*	8.0			FERGUS MT					
5	3.3	1	.5	2	.8	FLATHEAD MT	-85	61	-76	05	34
5	4.5	3	2.5	1	.8	GALLATIN MT	-45	-69	-83	02	35
		1	2.7			GLACIER MT					
2	2.4	3	4.0			HILL MT	69				
				1	4.2	JEFFERSON MT					93
2	3.4	1	1.0			LAKE MT	-70				
1	.7	6	4.3	3	2.1	LEWIS AND CLARK MT	530	-51	206	97	72
1	2.5	3	3.8			LINCOLN MT	48				
1	3.4			1	2.8	MADISON MT			-18	55	84
1	6.9			1*	7.2	MEAGHER MT			4	69	98
7	3.8	6	2.6	6	1.9	MISSOULA MT	-31	-26	-49	27	68
1	1.3	2	2.9			PARK#MT	125				
2	5.0	1	4.0			PHILLIPS MT	-20				
		1	2.9			PONDERA MT					
1	2.2			1	2.1	POWELL MT			-4	64	72
1	1.1	3	4.0	2	2.4	RAVALLI MT	260	-40	118	93	79
2	3.7	1	2.6	2	3.3	RICHLAND MT	-29	27	-11	61	88
				1	2.4	ROOSEVELT MT					78
		1	3.8			ROSEBUD MT					
1	2.8	2	4.8	2	5.6	SANDERS MT	72	17	101	91	97
		1	3.0	1	7.5	SHERIDAN MT		149			98
2	.8	5	2.4	3	1.5	SILVER BOW MT	199	-36	90	90	55
		1	3.4			STILLWATER MT					
1	2.7	2	6.0			TETON MT	125				
2	5.6					TOOLE MT					
2	3.7	1	1.8			VALLEY MT	-51				
2*	9.3			2*	11.6	WHEATLAND MT			25	77	99
		1*	11.6			WIBAUX MT					
8	2.5	10	2.8	4	.9	YELLOWSTONE MT	11	-68	-64	14	37
212*	3.1	184	2.6	142*	1.9	NEBRASKA NB	-16	-25	-37		
8*	5.1	4	2.9	1	.7	ADAMS NB	-43	-77	-87	01	33
1	1.3					ANTELOPE NB					
1*	34.4					ARTHUR NB					
		1*	14.1			BLAINE NB					
1	3.7	1	1.6			BOONE NB	-58				
		1	2.5			BOX BUTTE NB					
1	4.1	1	4.0	1	3.1	BROWN NB	-1	-23	-24	50	87
5	4.0	7*	4.7	3	1.8	BUFFALO NB	16	-62	-56	20	63
1	3.3	2	2.5	1	3.1	BURT NB	-24	22	-7	63	87
2	3.6	1	1.9	2	3.5	BUTLER NB	-47	85	-3	65	90
2	2.2	2	2.3	2	2.2	CASS NB	4	-3	1	67	75
1	1.7					CEDAR NB					
				1	2.7	CHASE NB					83
1	2.3			1	2.8	CHERRY NB			26	77	84
3	4.7			1	1.6	CHEYENNE NB			-67	11	57
		3	9.8	1	1.7	CLAY NB		-82			62
1	1.7	2	3.6	2	4.3	COLFAX NB	109	17	145	95	94
2	2.8	2	3.0	1	1.5	CUMING NB	6	-49	-46	30	55
1	.9	3	3.0	2	2.7	CUSTER NB	252	-9	219	98	83
3	5.1	1	1.8	1	1.8	DAKOTA NB	-66	0	-66	12	63
4*	8.1					DAWES NB					
3	3.0	2	1.8	1	1.0	DAWSON NB	-40	-46	-67	11	39
1	5.3					DEUEL NB					
		2	3.7	1	4.6	DIXON NB		22			95

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
8*	5.2	8*	4.7	3	1.8	DODGE	NB	-8	-63	-66	12	63
56*	3.9	41	2.8	45*	2.8	DOUGLAS	NB	-29	0	-29	45	83
1	4.8					DUNDY	NB					
				1	2.7	FILLMORE	NB					82
2	4.7					FRANKLIN	NB					
2*	7.4	1	4.7			FRONTIER	NB	-36				
1	2.0					FURNAS	NB					
4	2.8	3	1.9	1	.6	GAGE	NB	-31	-69	-79	04	32
				1*	12.2	GARDEN	NB					99
		1	8.3			GARFIELD	NB					
2	6.1					GREELEY	NB					
3	2.0	8	3.9	4	2.0	HALL	NB	97	-48	2	68	70
2	3.7			1	2.6	HAMILTON	NB			-30	45	81
1	2.6					HARLAN	NB					
				1*	11.1	HAYES	NB					99
1	1.2	2	2.4	1	1.2	HOLT	NB	97	-48	3	69	47
		1*	10.6			HOOKER	NB					
1	2.0	1	1.9	1	2.3	HOWARD	NB	-6	18	11	72	76
2	2.1	2	3.2	1	1.3	JEFFERSON	NB	50	-59	-38	37	48
		2	6.5	1	4.7	JOHNSON	NB		-27			95
1	3.2	1	4.2	1	2.8	KEARNEY	NB	31	-32	-12	60	84
1	3.5	1	2.6	2	4.2	KEITH	NB	-27	64	20	76	94
2	5.9					KIMBALL	NB					
1	1.4	3	5.3	1	1.7	KNOX	NB	286	-68	23	76	60
15	2.4	12	1.6	11	1.3	LANCASTER	NB	-35	-14	-45	32	49
10*	7.2	5	3.3	1	.7	LINCOLN	NB	-54	-80	-91	00	33
1*	17.1					LOGAN	NB					
				1*	100.7	MC PHERSON	NB					99
5	4.2	2	1.5	1	.5	MADISON	NB	-65	-64	-87	00	31
2	3.8					MERRICK	NB					
1	3.1	2	5.0			MORRILL	NB	65				
1	2.4			1	3.0	NANCE	NB			27	78	86
1	2.2	2	3.3			NEMAHA	NB	51				
		2	3.9			NUCKOLLS	NB					
4	4.4	3	2.9	2	3.5	OTOE	NB	-34	19	-22	52	90
2	4.4					PAWNEE	NB					
1	3.8					PERKINS	NB					
2	3.8			2	3.6	PHELPS	NB			-5	64	90
1	1.9	3*	6.6	1	1.4	PIERCE	NB	243	-78	-26	49	52
2	2.1	8*	6.9	4	3.0	PLATTE	NB	233	-56	47	83	86
1	2.0			2*	6.6	POLK	NB			236	98	98
2	3.3	1	1.8	2	2.6	RED WILLOW	NB	-45	44	-21	52	81
5*	5.6	4	4.8			RICHARDSON	NB	-14				
1	6.1					ROCK	NB					
				5*	5.1	SALINE	NB					96
4	4.6	4	3.9	6	2.5	SARPY	NB	-15	-34	-44	32	80
		3	2.7	1	1.3	SAUNDERS	NB		-51			48
4	2.9	8*	4.9	6	3.6	SCOTTS BLUFF	NB	68	-27	23	77	90
1	1.2	3	4.9	1	1.6	SEWARD	NB	314	-67	36	80	58
3*	6.2	1	3.5	1	2.8	SHERIDAN	NB	-44	-20	-55	22	64
1	2.8	2	4.9			SHERMAN	NB	78				
1	5.0			1*	9.0	SIOUX	NB			81	88	99
3*	9.1	1	3.0	1	3.8	STANTON	NB	-67	24	-59	17	92
		1	1.7	1	2.4	VALLEY	NB		36			77
1	1.5	3	4.5	2	2.7	WASHINGTON	NB	208	-41	81	88	82
1	2.0	2	4.5	1	2.3	WAYNE	NB	129	-49	16	74	76
1	2.8	1	2.7			WEBSTER	NB	-6				
2	2.4	1	1.0	1	1.6	YORK	NB	-58	53	-36	40	57
23	2.2	48	2.8	28	1.1	NEVADA	NV	25	-62	-52		
1	2.6					CHUPCHILL	NV					
5	.9	20	2.0	20	1.5	CLARK	NV	134	-28	69	87	54
		1	5.9			DOUGLAS	NV					
3	5.5	3	4.4			ELKO	NV	-20				
		2	6.5	1	3.1	HUMBOLDT	NV		-51			87
1	4.7					LINCOLN	NV					
1	3.0	2	5.6			LYON	NV	86				
				1	5.1	MINERAL	NV					96
		1	4.1			NYE	NV					
9	2.8	16	3.6	5	.6	WASHOE	NV	31	-84	-79	04	32
2	3.8	1	2.4	1	2.2	WHITE PINE	NV	-38	-7	-42	34	74
1	4.0	2	3.8			ORMSBY-CARSON CITY	NV	-4				
68	2.4	96*	3.0	80*	2.1	NEW HAMPSHIRE	NH	28	-30	-11		
6	4.2	6	4.0	8*	4.5	BELKNAP	NH	-4	13	8	71	95
1	1.1	3	2.7	1	.7	CARROLL	NH	142	-73	-34	41	34
7	3.5	9	4.0	6	2.1	CHESHIRE	NH	13	-46	-39	37	73
2	1.0	5	3.1	3	1.7	COOS	NH	206	-44	72	88	62
5	1.9	8	3.2	6	2.1	GRAFTON	NH	66	-34	10	72	73
15	1.7	26	2.7	21	1.9	HILLSBOROUGH	NH	57	-32	6	70	66
8	2.3	9	2.4	10	2.4	MERRIMACK	NH	4	-2	2	68	77
10	2.4	13	2.5	14	2.0	ROCKINGHAM	NH	5	-21	-18	55	68
10	3.8	12*	3.8	10	3.1	STRAFFORD	NH	1	-20	-19	54	87
4	2.9	5	3.6	1	.6	SULLIVAN	NH	26	-63	-79	04	32
625	2.4	724	2.5	550	1.7	NEW JERSEY	NJ	2	-30	-29		
12	1.9	18	2.3	14	1.8	ATLANTIC	NJ	24	-22	-3	66	65
68	2.1	112*	3.1	66	1.5	BERGEN	NJ	49	-51	-27	47	54
13	1.7	27	2.7	12	1.0	BURLINGTON	NJ	55	-63	-43	33	39
44	2.8	46	2.7	27	1.4	CAMDEN	NJ	-5	-47	-50	26	51
4	1.7	3	1.2	6	1.6	CAPE MAY	NJ	-27	29	-6	64	58
6	1.3	8	1.7	6	1.2	CUMBERLAND	NJ	28	-28	-9	62	46
128*	3.1	96	2.7	46	1.5	ESSEX	NJ	-12	-45	-52	24	54
14	3.0	16	2.7	13	1.8	GLOUCESTER	NJ	-8	-34	-39	36	64
64	2.7	69	2.3	59*	2.2	HUDSON	NJ	-12	-4	-16	57	75
5	1.9	6	1.9	12*	3.5	HUNTERDON	NJ	-3	87	82	89	90
26	2.3	33	2.7	34*	2.6	MERCER	NJ	18	-4	12	73	81
34	2.1	53	2.3	42	1.6	MIDDLESEX	NJ	9	-32	-26	48	56

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
26	2.1	41	2.4	39	1.9	MONMOUTH	NJ	13	-20	-9	62	68
18	1.8	25	1.8	30	1.6	MORRIS	NJ	-3	-7	-10	61	58
12	2.8	12	1.5	25	1.8	OCEAN	NJ	-47	19	-37	39	63
41	2.3	45	2.3	40	2.0	PASSAIC	NJ	0	-14	-14	58	70
5	2.4	7	2.9	3	1.1	SALEM	NJ	21	-60	-52	25	43
13	2.0	14	1.8	19	2.1	SOMERSET	NJ	-10	17	6	70	72
13*	6.6	6	2.4	2	.5	SUSSEX	NJ	-64	-80	-93	00	31
51	2.6	75*	3.3	53*	2.3	UNION	NJ	27	-30	-11	60	76
8	2.7	8	2.6	2	.5	WARREN	NJ	-3	-80	-80	03	31
48	1.6	81	2.1	65	1.5	NEW MEXICO	NM	35	-27	-2		
9	1.2	29	2.5	17	1.2	BERNALILLO	NM	120	-52	5	69	46
1	6.6			1*	14.4	CATRON	NM			117	93	99
2	1.3	5	2.5	1	.5	CHAVES	NM	94	-80	-60	16	31
1	1.3	1	1.4	1	1.4	COLFAX	NM	10	-2	8	71	51
2	2.0	3	2.2	2	1.4	CURRY	NM	8	-34	-28	46	52
1	5.8	2*	17.1	2*	15.5	DE BACA	NM	193	-9	166	96	99
5	2.8	3	1.2	3	.9	DONA ANA	NM	-57	-21	-66	12	39
4	1.8	5	2.9	3	1.4	EDDY	NM	56	-50	-22	52	52
1	1.2	1	1.1	1	1.0	GRANT	NM	-13	-4	-16	57	40
1	3.7					GUADALUPE	NM					
		5	3.5	2	.9	LEA	NM		-76			37
				2	4.5	LINCOLN	NM					94
1	1.7	1	2.7	1	1.0	LOS ALAMOS	NM	52	-61	-41	35	40
2	4.9			2	3.4	LUNA	NM			-29	45	90
1	1.2	1	1.4	2	5.9	MC KINLEY	NM	11	329	376	99	97
				2*	8.7	MORA	NM					99
5*	5.9	1	.9	3	1.1	OTERO	NM	-84	21	-81	03	43
		5*	9.2	1	1.7	QUAY	NM		-81			62
1	1.2	3	3.1	1	1.2	RIO ARRIBA	NM	168	-62	2	68	45
		3	3.9	1	1.5	ROOSEVELT	NM		-61			55
				2	3.2	SANDOVAL	NM					87
		3	1.6	3	2.2	SAN JUAN	NM		37			75
		2	2.1	2	2.6	SAN MIGUEL	NM		26			81
3	1.5	4	1.9	5	2.2	SANTA FE	NM	32	11	47	83	74
2	2.8	1	1.7	1	2.3	SIERRA	NM	-39	33	-19	54	76
1	1.9					SOCORRO	NM					
1	1.8	1	.9			TAOS	NM	-50				
1	2.7	2	7.2			TORRANCE	NM	166				
3	2.7			4	2.2	VALENCIA	NM			-18	54	74
1959*	2.6	2074*	2.7	1427*	1.8	NEW YORK	NY	2	-31	-30		
38	3.1	34	2.6	20	1.5	ALBANY	NY	-17	-44	-53	23	53
2	.9	7	3.6	3	1.5	ALLEGANY	NY	279	-58	58	85	54
170	2.4	134	2.2	94	2.1	BRONX	NY	-10	-4	-14	58	72
20	2.1	22	2.2	17	1.6	BROOME	NY	2	-26	-25	49	58
11	2.7	4	1.0	5	1.2	CATTARAUGUS	NY	-62	20	-55	22	47
10	2.7	9	2.5	7	1.9	CAYUGA	NY	-5	-24	-28	46	67
14	1.9	12	1.9	16	2.1	CHAUTAUQUA	NY	-1	15	14	73	73
9	2.1	9	1.9	7	1.6	CHEMUNG	NY	-5	-20	-24	50	56
4	2.0	7	3.2	3	1.5	CHENANGO	NY	63	-53	-23	51	55
4	1.4	7	2.3			CLINTON	NY	60				
1	.3	7	2.7	5	1.8	COLUMBIA	NY	715	-33	445	99	65
3	1.8	2	1.0	3	1.3	CORTLAND	NY	-41	20	-29	46	47
3	1.8	4	1.9	3	1.4	DELAWARE	NY	3	-23	-20	53	52
24	2.9	17	1.8	12	1.1	DUTCHESS	NY	-38	-38	-62	15	42
147*	3.3	135*	2.8	86	1.8	ERIE	NY	-14	-37	-46	30	63
1	.4	3	1.6	2	1.1	ESSEX	NY	281	-36	146	95	41
4	1.8	8	4.2	7*	3.3	FRANKLIN	NY	127	-21	80	88	88
9	3.1	7	3.1	4	1.4	FULTON	NY	0	-54	-53	23	52
9	3.9	4	1.6	3	1.1	GENESEE	NY	-60	-31	-73	07	42
6	3.6	5	2.4	11*	6.5	GREENE	NY	-33	170	80	88	98
		1	4.2			HAMILTON	NY					
11	3.3	8	2.7	6	1.9	HERKIMER	NY	-19	-29	-43	34	67
8	2.0	13	3.3	11	2.7	JEFFERSON	NY	66	-18	36	80	82
319	2.6	265	2.5	189*	2.1	KINGS(BROOKLYN)	NY	-4	-14	-17	56	73
3	2.5	2	1.8	2	1.8	LEWIS	NY	-30	0	-30	44	63
5	2.5	3	1.3	3	1.4	LIVINGSTON	NY	-48	4	-47	30	49
2	.8	13*	4.5	2	.6	MADISON	NY	503	-86	-18	55	32
68	2.6	59	2.0	48	1.6	MONROE	NY	-24	-22	-41	35	57
8	3.1	8	2.8	8	2.6	MONTGOMERY	NY	-11	-6	-16	57	81
98	2.3	187*	3.3	119	1.9	NASSAU	NY	41	-42	-18	55	67
273*	3.3	322*	4.8	108	1.9	NEW YORK(MANHATTAN)	NY	45	-60	-43	34	66
24	2.4	12	1.1	21	2.0	NIAGARA	NY	-53	78	-17	56	70
24	2.0	41	3.3	19	1.5	ONEIDA	NY	64	-54	-25	49	55
44	2.4	46	2.3	42	2.0	ONONDAGA	NY	-4	-14	-18	55	69
4	1.2	7	2.0	7	1.6	ONTARIO	NY	72	-18	40	81	59
23	2.8	19	2.0	17	1.5	ORANGE	NY	-29	-21	-44	32	56
3	1.9	3	1.8	2	1.2	ORLEANS	NY	-5	-34	-37	38	44
12	3.2	11	2.6	9	1.8	OSWEGO	NY	-19	-28	-42	34	65
7	2.6	6	2.5	4	1.3	OTSEGO	NY	-3	-47	-48	28	48
5	3.7	1	.4	4	1.2	PUTNAM	NY	-89	194	-67	11	45
209	2.5	217	2.4	157	1.8	QUEENS	NY	-4	-24	-27	47	65
17	2.6	12	1.8	5	.7	RENSSELAER	NY	-30	-60	-72	08	34
36*	3.6	26	2.1	33*	2.2	RICHMOND	NY	-40	6	-37	39	75
16	3.0	18	2.4	14	1.4	ROCKLAND	NY	-20	-43	-54	22	50
4	.8	16	3.1	5	1.0	ST LAWRENCE	NY	290	-69	19	75	39
13	3.2	9	1.9	4	.7	SARATOGA	NY	-41	-65	-79	03	33
21	2.6	22	2.8	14	1.9	SCHENECTADY	NY	8	-33	-28	47	66
5	4.5	7*	5.2	2	1.8	SCHOHARIE	NY	15	-66	-61	16	63
3	4.1			3	3.5	SCHUYLER	NY			-14	58	90
2	1.7	3	2.3	2	1.1	SENECA	NY	33	-50	-34	41	44
16	3.3	15	3.1	11	2.2	STEUBEN	NY	-6	-27	-32	43	75
58	2.9	100	2.6	114*	2.2	SUFFOLK	NY	-12	-15	-25	49	74
6	2.4	6	2.3	10*	3.1	SULLIVAN	NY	-3	35	31	79	87
2	1.2	3	1.7	3	1.3	TIOGA	NY	39	-24	6	70	47
4	1.5	11	3.4	1	.3	TOMPKINS	NY	126	-91	-80	03	30
6	1.1	19	3.1	11	1.6	ULSTER	NY	181	-49	42	82	57
6	2.8	8	3.4	6	2.3	WARREN	NY	22	-33	-18	55	76

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE HODGKIN'S DISEASE ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
7	3.0	12*	4.9	9*	3.6	WASHINGTON	NY	66	-26	22	76	91
17*	5.6	10	2.9	5	1.5	WAYNE	NY	-48	-49	-73	07	54
73	2.2	95	2.6	87*	2.2	WESTCHESTER	NY	14	-13	0	66	75
4	2.4	2	1.0	2	1.0	WYOMING	NY	-56	-1	-57	19	40
4	4.2	1	.9			YATES	NY	-79				
287	2.1	379	2.3	296	1.5	NORTH CAROLINA	NC	13	-35	-27		
9	2.9	8	2.4	6	1.7	ALAMANCE	NC	-15	-32	-42	34	59
1	1.3	1	1.6	2	2.3	ALEXANDER	NC	21	40	70	87	76
2	4.2	1	1.6	1	1.5	ANSON	NC	-62	-8	-65	13	53
				1	1.2	ASHE	NC					44
3	5.3	2	3.6	1	1.8	AVERY	NC	-32	-50	-66	12	64
		6*	5.0	4	3.5	BEAUFORT	NC		-29			90
		1	2.0			BERTIE	NC					
1	.9	1	1.2	1	1.1	BLADEN	NC	26	-7	17	75	42
1	1.9	3	4.0	2	1.8	BRUNSWICK	NC	111	-55	-6	64	64
12	2.4	12	1.9	19*	2.8	BUNCOMBE	NC	-18	42	16	74	83
4	2.3	6	2.5	8	2.7	BURKE	NC	10	9	20	75	83
4	1.7	11	3.9	4	1.7	CABARRUS	NC	126	-55	0	67	62
5	3.2	3	1.2	5	1.7	CALDWELL	NC	-62	43	-45	31	62
1	6.0					CAMDEN	NC					
4	4.2	1	.7	1	.7	CARTERET	NC	-84	5	-83	02	34
2	3.3	4*	8.7			CASWELL	NC	163				
2	.7	8	2.3	6	1.3	CATAWBA	NC	238	-45	87	90	48
5*	5.9	2	1.8			CHATHAM	NC	-69				
		3	3.5	4*	4.8	CHEROKEE	NC		39			95
		1	4.1			CHOWAN	NC					
		1	3.1			CLAY	NC					
5	2.0	3	1.2	2	.7	CLEVELAND	NC	-41	-44	-67	11	33
3	2.7			3	1.8	COLUMBUS	NC			-33	42	65
2	2.0	5	3.0	4	2.0	CRAVEN	NC	47	-34	-4	65	69
7	2.6	9	1.9	9	2.1	CUMBERLAND	NC	-27	12	-18	55	72
		3*	8.9	1	2.8	DARE	NC		-68			84
4	1.5	8	2.5	9	2.0	DAVIDSON	NC	72	-22	35	79	69
		2	3.0	2	2.3	DAVIE	NC		-25			76
2	1.7	3	2.5	4	3.3	DUPLIN	NC	47	35	99	91	88
8	2.1	16*	4.3	10	2.2	DURHAM	NC	102	-50	1	67	73
2	1.9	5	4.3	2	2.3	EDGECOMBE	NC	134	-47	23	77	76
15	2.8	20	3.1	9	1.2	FORSYTH	NC	9	-60	-57	19	46
1	1.6	1	1.4			FRANKLIN	NC	-16				
9	2.1	12	2.5	8	1.6	GASTON	NC	21	-38	-25	49	56
		2	6.5	1	3.4	GRAHAM	NC		-47			89
2	2.3	3	3.5	1	1.2	GRANVILLE	NC	51	-65	-47	29	46
1	3.5			2	4.9	GREENE	NC			41	82	96
18	2.4	28	3.3	18	1.6	GUILFORD	NC	38	-50	-31	44	59
1	.8	3	2.3	2	1.5	HALIFAX	NC	193	-37	85	89	54
4	3.0	3	2.0	3	1.3	HARNETT	NC	-32	-33	-55	22	49
4	2.8	3	1.4	2	.9	HAYWOOD	NC	-50	-34	-67	11	38
6	4.2	4	2.2	2	.9	HENDERSON	NC	-48	-60	-79	04	37
1	1.6	1	1.8			HERTFORD	NC	9				
1	3.6	1	3.0			HOKE	NC	-18				
1	4.0					HYDE	NC					
4	2.0	4	1.4	2	.7	IREDELL	NC	-28	-54	-67	11	33
1	1.3	2	2.5			JACKSON	NC	86				
4	1.7	5	2.6	5	2.1	JOHNSTON	NC	47	-18	21	76	72
1	5.0	1	3.9			JONES	NC	-24				
4	5.0	3	2.6			LEE	NC	-49				
4	3.2	2	1.2	1	.7	LENOIR	NC	-64	-43	-79	03	33
2	1.9	6	5.0	4	2.6	LINCOLN	NC	161	-48	37	80	82
1	1.1	1	.7	1	.8	MC DOWELL	NC	-34	15	-23	50	36
		1	1.0	2	2.0	MACON	NC		103			70
3	3.2			2	2.3	MADISON	NC			-27	47	77
4*	8.6	3	3.7	1	1.5	MARTIN	NC	-57	-58	-82	02	56
11	1.6	30	3.1	16	1.3	MECKLENBURG	NC	93	-57	-18	55	49
5*	7.3	4*	5.6			MITCHELL	NC	-23				
1	2.3	4*	5.8	1	1.3	MONTGOMERY	NC	148	-78	-46	30	47
1	1.3	7*	5.1	5	2.9	MOORE	NC	293	-43	123	94	85
5	3.1	5	3.2	2	1.3	NASH	NC	2	-59	-58	18	48
5	2.0	3	1.0	8	2.4	NEW HANOVER	NC	-47	134	23	77	78
1	3.5	3	6.2			NORTHAMPTON	NC	81				
3	2.9	7	5.2	3	1.0	ONSLOW	NC	79	-81	-66	12	39
3	1.9	5	3.0	4	1.2	ORANGE	NC	54	-58	-35	40	47
1	3.0					PAMLICO	NC					
2	2.7					PASQUOTANK	NC					
		4*	7.9	4*	6.6	PENDER	NC		-16			98
1	4.3			1	2.9	PERQUIMANS	NC			-34	41	85
1	1.3			1	1.1	PERSON	NC			-13	59	43
		2	.9	1	.4	PITT	NC		-53			30
				1	2.1	POLK	NC					72
3	1.4	3	1.5	5	1.4	RANDOLPH	NC	5	-3	2	68	51
2	1.4	2	1.7			RICHMOND	NC	21				
1	.7	2	1.4	2	1.3	ROBESON	NC	99	-9	82	89	47
5	2.0	6	2.4	4	1.4	ROCKINGHAM	NC	18	-43	-33	42	50
12	3.8	6	1.8	6	1.5	ROWAN	NC	-53	-12	-59	17	56
2	1.2	4	2.2	4	1.7	RUTHERFORD	NC	83	-21	43	82	62
4	2.9	1	.9			SAMPSON	NC	-69				
1	1.5			1	1.0	SCOTLAND	NC			-32	42	40
1	.7	5	2.8	1	.5	STANLY	NC	295	-83	-34	41	30
1	.8			2	1.8	STOKES	NC			127	94	65
5	2.3	3	1.2	9*	3.4	SURRY	NC	-47	178	47	83	89
2	3.3	1	1.5	4*	5.3	TRANSYLVANIA	NC	-56	260	58	85	96
1	6.8					TYRRELL	NC					
4	2.7	4	2.3	3	1.2	UNION	NC	-16	-47	-55	21	46
1	1.0	1	1.0			VANCE	NC	3				
5	1.0	12	2.0	15	1.9	WAKE	NC	99	-5	88	90	66
2	4.7	1	4.8			WARREN	NC	4				
		1	2.5			WASHINGTON	NC					
3	3.7	5*	6.1	3	2.6	WATAUGA	NC	63	-58	-31	43	81
2	1.1	3	1.1	4	1.6	WAYNE	NC	4	44	50	84	59
1	.6	3	1.7	2	.8	WILKES	NC	185	-52	38	80	36

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
2	1.2	4	2.4	5	2.7	WILSON NC	107	13	135	94	83
4	3.8			2	1.2	YADKIN NC			-68	10	45
2	2.9					YANCEY NC					
59	2.0	73	2.4	56	1.8	NORTH DAKOTA ND	23	-26	-9		
1	3.9					ADAMS ND					
2	2.4	2	2.8	1	.9	BARNES ND	17	-67	-61	15	38
				1	1.9	BENSON ND					68
1	1.6			1	1.7	BOTTINEAU ND			2	68	60
1	2.5					BURKE ND					
		2	1.5	2	1.0	BURLEIGH ND		-33			40
7	2.3	13*	4.1	3	.9	CASS ND	76	-77	-59	17	39
1	1.4	2	3.8	1	1.7	CAVALIER ND	167	-56	18	75	60
		1	2.5	1	2.3	DICKEY ND		-9			75
1	2.9			1	4.8	DUNN ND			64	86	95
2	10.4	2*	9.1	1	4.1	EDDY ND	-12	-55	-60	16	93
1	3.1			1	2.9	EMMONS ND			-7	63	85
		1	4.0			FOSTER ND					
				1*	5.3	GOLDEN VALLEY ND					96
2	.6	3	1.3	1	.5	GRAND FORKS ND	107	-60	-18	55	31
		2	8.7	1	4.7	GRANT ND		-46			95
		1	4.0			GRIGGS ND					
1	4.0	1	3.2			KIDDER ND	-21				
5*	9.6	2	4.8	3*	9.7	LA MOURE ND	-50	102	1	67	99
		1	1.6			MC HENRY ND					
		1	2.5	1	2.8	MC INTOSH ND		8			83
		1	3.9	1	4.2	MC KENZIE ND		8			94
5*	6.3	1	1.5			MC LEAN ND	-77				
				3*	10.8	MERCER ND					99
4	4.6	3	3.4	2	2.2	MORTON ND	-27	-36	-53	23	74
1	1.9			1	2.0	MOUNTRAIL ND			4	69	70
1	2.4					NELSON ND					
		1	1.7			PEMBINA ND					
1	2.4	2	6.6	1	2.5	PIERCE ND	176	-63	3	69	80
3	4.1	1	1.2	1	1.8	RAMSEY ND	-70	48	-56	20	63
2	4.2	2	5.4	1	2.3	RANSOM ND	27	-57	-45	31	77
		1	5.6			RENVILLE ND					
3	2.9	6*	6.8	2	1.9	RICHLAND ND	132	-71	-33	42	68
		2	7.0			ROLETTE ND					
		1	2.1	1	2.4	SARGENT ND		14			78
		1*	14.3			SIOUX ND					
3	3.6	2	2.3	1	.6	STARK ND	-35	-75	-84	01	32
1	4.2	1	3.5	1	3.7	STEELE ND	-18	7	-11	60	91
1	.7	4	3.1	2	1.4	STUTSMAN ND	330	-53	101	91	52
		1	3.3	1	2.9	TOWNER ND		-13			85
		1	2.1	1	1.6	TRAILL ND		-23			57
2	2.3	3	2.9	5*	6.0	WALSH ND	23	110	158	96	98
6	3.3	5	2.3	4	1.3	WARD ND	-31	-44	-61	15	47
				5*	11.1	WELLS ND					99
1	1.3			3	3.3	WILLIAMS ND			153	95	88
997*	2.5	1063	2.5	810*	1.8	OHIO OH	-2	-29	-30		
2	2.3	4	4.3			ADAMS OH	88				
15	3.2	12	2.6	7	1.4	ALLEN OH	-17	-46	-56	21	51
2	1.2	3	1.5	3	1.4	ASHLAND OH	25	-6	17	75	51
11	2.7	11	2.4	9	1.9	ASHTABULA OH	-12	-20	-29	45	67
4	1.6	5	2.2	5	2.3	ATHENS OH	35	3	40	61	76
5	2.8			4	2.1	AUGLAIZE OH			-26	49	72
4	.9	4	.9	6	1.5	BELMONT OH	-1	61	59	85	53
3	3.1	5	4.0	2	1.3	BROWN OH	32	-67	-57	19	48
9	1.2	19	2.1	14	1.4	BUTLER OH	83	-36	17	75	50
1	1.3	1	1.1	1	.8	CARROLL OH	-17	-24	-36	39	36
2	1.6	6	4.5	4	2.7	CHAMPAIGN OH	187	-40	71	87	82
19	3.5	11	2.0	11	1.7	CLARK OH	-43	-14	-51	25	60
6	2.1	4	1.3	13*	2.7	CLERMONT OH	-39	110	29	78	82
4	2.9	4	2.8	2	1.2	CLINTON OH	-3	-56	-58	18	46
12	2.6	13	2.4	5	.9	COLUMBIANA OH	-8	-64	-67	11	36
2	1.2	3	1.7	2	1.2	COSHOCTON OH	51	-30	6	70	46
5	2.4	8	3.6	4	1.8	CRAWFORD OH	50	-50	-24	50	64
195*	2.9	177	2.7	127*	2.0	CUYAHOGA OH	-10	-25	-32	43	70
7	3.1	4	1.9	8*	3.3	DARKE OH	-37	71	7	71	88
6	4.5	4	2.5	6*	3.5	DEFIANCE OH	-45	41	-22	51	90
5	3.1			6	3.2	DELAWARE OH			3	69	87
5	1.7	3	.9	3	.9	ERIE OH	-47	-4	-49	28	37
7	2.4	14*	4.5	3	.8	FAIRFIELD OH	90	-83	-67	11	35
2	1.8	2	1.6	1	.8	FAYETTE OH	-12	-52	-58	18	34
81*	3.4	81	2.9	57	1.8	FRANKLIN OH	-16	-37	-47	29	64
3	2.3	4	3.2	3	2.0	FULTON OH	40	-37	-13	59	69
3	2.5	9*	7.3	5*	3.4	GALLIA OH	188	-53	36	80	90
3	1.7	1	.4	5	1.4	GEAUGA OH	-80	296	-20	54	51
7	2.5	7	1.8	7	1.4	GREENE OH	-29	-22	-44	32	51
7	2.9	8	3.4	2	.8	GUERNSEY OH	18	-76	-72	08	35
84	2.6	77	2.2	64	1.8	HAMILTON OH	-15	-18	-30	44	63
3	1.4	7	3.0	7	2.4	HANCOCK OH	110	-20	68	87	78
5	3.4	5	3.6	4	2.7	HARDIN OH	6	-23	-18	54	83
3	2.9	4	4.1			HARRISON OH	39				
7*	5.3	4	3.4	2	1.5	HENRY OH	-36	-56	-72	08	54
		3	1.8	5	3.2	HIGHLAND OH		77			88
3	3.1	3	3.0	4	3.8	HOCKING OH	-2	25	22	76	92
1	1.0	6*	6.3	3	2.6	HOLMES OH	504	-58	152	95	82
3	1.2	4	1.9	2	.9	HURON OH	62	-55	-26	48	36
5	3.6	2	1.3	4	2.5	JACKSON OH	-63	91	-30	45	80
13	2.7	12	3.0	6	1.3	JEFFERSON OH	11	-56	-52	25	48
2	1.1	6	3.3	7*	3.2	KNOX OH	193	-2	188	96	87
13	2.8	18	2.7	12	1.5	LAKE OH	-5	-44	-47	30	54
5	2.2	10	3.8	8	2.9	LAWRENCE OH	75	-25	32	79	85
11	2.9	10	2.1	7	1.4	LICKING OH	-26	-36	-53	24	50
4	2.6	4	2.6	5	2.7	LOGAN OH	0	6	6	70	83
14	2.0	14	1.3	20	1.9	LORAIN OH	-32	45	-1	66	68

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE HODGKIN'S DISEASE ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
46	2.4	48	2.5	32	1.6	LUCAS	OH	5	-37	-34	41	57
3	2.5	2	1.6	5	4.2	MADISON	OH	-38	167	67	87	94
28	2.2	41	3.1	22	1.7	MAHONING	OH	39	-44	-23	51	61
4	1.4	5	1.8	8	2.9	MARION	OH	25	61	102	91	84
6	2.2	6	1.8	8	2.0	MEDINA	OH	-19	10	-11	60	69
2	1.7	7*	6.4	3	2.8	MEIGS	OH	279	-57	63	86	83
4	2.9	4	2.5	3	1.8	MERCER	OH	-13	-27	-37	39	65
6	1.8	6	1.7	4	1.0	MIAMI	OH	-7	-39	-43	34	41
4	4.6	2	2.7			MONROE	OH	-43				
45	2.4	49	2.2	35	1.4	MONTGOMERY	OH	-9	-34	-40	36	51
4*	5.5	2	3.4			MORGAN	OH	-37				
10	2.9	7	2.0	3	.8	MUSKINGUM	OH	-32	-60	-72	07	35
1	1.1	1	1.6	1	2.1	NOBLE	OH	37	35	85	89	73
6	3.8	10*	5.6	2	1.3	OTTAWA	OH	49	-76	-65	13	49
		2	2.3			PAULDING	OH					
4	2.4	3	2.1	2	1.6	PERRY	OH	-12	-24	-33	42	58
3	2.3	5	3.2	1	.7	PICKAWAY	OH	36	-79	-71	09	33
1	1.1	3	3.6	1	1.1	PIKE	OH	225	-69	0	66	43
9	2.5	9	2.2	12	2.0	PORTAGE	OH	-11	-11	-21	53	69
6	4.2	3	2.0	3	1.5	PREBLE	OH	-53	-21	-63	14	56
6	4.2	3	2.2	2	1.4	PUTNAM	OH	-48	-36	-67	11	51
13	2.8	14	2.8	19*	3.3	RICHLAND	OH	-2	18	16	74	88
4	1.5	6	2.1	7	2.1	ROSS	OH	41	4	47	83	73
8	3.3	9	3.8	7	2.6	SANDUSKY	OH	16	-31	-20	53	81
9	2.2	12	3.3	7	1.8	SCIOTO	OH	51	-46	-18	55	63
2	.9	8	3.1	7	2.5	SENECA	OH	255	-19	186	96	80
		3	1.9	4	2.2	SHELBY	OH		18			75
48*	3.3	35	2.1	32	1.9	STARK	OH	-35	-13	-43	33	66
36	1.8	59	2.7	34	1.4	SUMMIT	OH	45	-47	-23	51	52
22	2.6	30	3.1	20	2.0	TRUMBULL	OH	20	-37	-25	49	69
6	1.6	12	3.3	8	2.0	TUSCARAWAS	OH	110	-38	30	79	71
1	.7	1	.9	2	1.6	UNION	OH	26	72	116	93	57
3	2.0	2	1.3	2	1.4	VAN WERT	OH	-32	1	-32	43	49
1	2.2					VINTON	OH					
4	2.1	9	3.3	5	1.5	WARREN	OH	58	-55	-30	45	53
8	3.6	8	3.1	5	1.6	WASHINGTON	OH	-12	-49	-55	22	58
9	2.7	8	2.3	5	1.1	WAYNE	OH	-14	-51	-58	16	43
2	1.3	3	2.3	3	1.7	WILLIAMS	OH	69	-25	27	77	61
7	2.3	8	2.2	9	2.1	WOOD	OH	-3	-4	-7	62	73
3	3.1	2	1.9	2	2.0	WYANDOT	OH	-39	9	-34	41	71
215	2.1	235	2.1	180	1.5	OKLAHOMA	OK	2	-32	-30		
1	1.9	2	3.9	2	3.3	ADAIR	OK	108	-15	77	88	89
1	1.7	1	1.9			ALFALFA	OK	14				
1	1.8	1	2.1	1	1.9	ATOKA	OK	13	-11	0	67	66
2	5.4	1	3.5	2*	6.9	BEAVER	OK	-35	95	28	78	98
1	1.3			1	2.0	BECKHAM	OK			54	84	69
		3	4.1			BLAINE	OK					
3	2.4	3	2.1	3	2.3	BRYAN	OK	-13	12	-3	65	76
5	3.7	4	3.0	3	2.2	CADDO	OK	-19	-27	-41	35	74
4	3.1			1	.5	CANADIAN	OK			-85	01	30
5	3.1	3	1.4	2	1.1	CARTER	OK	-55	-26	-66	12	41
1	1.1	1	.9	1	1.3	CHEROKEE	OK	-22	48	16	74	49
1	1.2	1	1.0	1	1.7	CHOCTAW	OK	-20	73	39	81	62
1	3.1					CIMARRON	OK					
1	.3	3	1.0	4	.7	CLEVELAND	OK	210	-30	117	93	34
		1	7.2	2*	5.7	COAL	OK		-21			97
2	.9	2	.4	8	2.7	COMANCHE	OK	-56	602	206	97	82
5	4.6	2	2.2	2	2.6	CRAIG	OK	-53	20	-44	33	81
5	2.5	12*	6.1	1	.4	CREEK	OK	143	-93	-83	02	30
3	3.0					CUSTER	OK					
3	3.8			1	.7	DELAWARE	OK			-82	02	33
				1	2.0	DEWEY	OK					70
1	2.7	1	8.4			ELLIS	OK	216				
6	2.4	6	2.4	5	1.6	GARFIELD	OK	-3	-33	-35	40	57
1	.6	4	3.7	1	.6	GARVIN	OK	474	-85	-12	60	31
5	3.0	7*	4.8	1	.5	GRADY	OK	60	-89	-82	02	31
2	3.4	1	4.4			GRANT	OK	27				
2	3.6	2	2.8	2	2.9	GREER	OK	-23	2	-21	52	85
2	5.5					HARMON	OK					
2	6.4					HARPER	OK					
1	2.0			1	2.2	HASKELL	OK			11	72	74
1	1.1	2	3.1	1	1.0	HUGHES	OK	168	-68	-13	59	39
2	2.0	3	2.5	1	1.0	JACKSON	OK	26	-61	-51	26	39
2	4.0	1	1.6	1	3.6	JEFFERSON	OK	-59	121	-9	62	90
4	1.7	6	2.5	5	1.8	KAY	OK	45	-26	8	71	65
		1	1.7			KINGFISHER	OK					
		1	1.6	1	.8	KIOWA	OK		-47			36
		1	1.9			LATIMER	OK					
3	2.5	2	1.1	3	1.6	LE FLORE	OK	-56	51	-34	41	58
3	2.9	3	2.3	4	3.2	LINCOLN	OK	-22	40	9	72	87
1	1.1	4	5.4			LOGAN	OK	394				
1	2.8	3*	11.5	1	3.9	LOVE	OK	317	-66	41	81	92
3	4.7	1	1.6	1	1.1	MC CLAIN	OK	-67	-29	-77	05	42
1	1.7	1	.7	2	1.5	MC CURTAIN	OK	-57	101	-15	58	54
2	3.0			1	1.2	MC INTOSH	OK			-60	16	46
3	6.0			1	2.2	MAJOR	OK			-64	14	74
1	2.3	2	3.9			MARSHALL	OK	66				
1	1.0	3	2.7	2	1.6	MAYES	OK	159	-40	54	84	57
2	2.9			3*	5.5	MURRAY	OK			91	90	97
8	3.2	5	2.6	2	.9	MUSKOGEE	OK	-20	-67	-74	07	36
2	3.2	1	1.5	1	1.4	NOBLE	OK	-54	-4	-56	21	52
1	1.3	1	1.6	3*	3.0	NOWATA	OK	21	213	278	98	96
		2	4.6	1	2.5	OKFUSKEE	OK		-45			80
24	1.5	39	2.1	33	1.4	OKLAHOMA	OK	40	-33	-6	63	52
2	1.0	4	2.5	5	3.3	OKMULGEE	OK	156	30	234	98	88
3	1.8	1	.7	3	2.5	OSAGE	OK	-61	257	39	81	79
		6	4.4	3	2.0	OTTAWA	OK		-55			70
2	2.4			3	4.5	PAWNEE	OK			84	89	94
1	.5	6	2.9	5	1.6	PAYNE	OK	429	-44	195	97	58

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE RATES 70S/50S	1970S
2	1.1	2	.9	2	.8	PITTSBURG	OK	-12	-14	-24	50	35
6	4.1	4	3.0	4	2.9	PONTOTOC	OK	-26	-5	-30	44	84
3	1.4	6	3.0	1	.4	POTTAWATOMIE	OK	112	-88	-75	06	30
2	3.8	1	1.3			PUSHMATAHA	OK	-66				
2	7.1					ROGER MILLS	OK					
2	1.9	3	2.5	1	.7	ROGERS	OK	32	-72	-63	14	34
4	3.0	2	1.3	3	2.4	SEMINOLE	OK	-56	83	-20	53	77
3	3.9	1	1.0	2	1.8	SEQUOYAH	OK	-74	79	-53	23	65
2	1.3	2	1.5			STEPHENS	OK	14				
2	3.1	2	2.9	1	1.5	TEXAS	OK	-6	-49	-53	24	53
3	5.6	1	1.3	2	2.5	TILLMAN	OK	-77	97	-55	21	80
38	3.3	43	3.0	25	1.6	TULSA	OK	-10	-47	-52	24	58
		1	1.1			WAGONER	OK					
1	.5	4	1.7	3	1.5	WASHINGTON	OK	258	-12	217	98	56
1	1.2	2	2.5			WASHITA	OK	113				
3	4.3	1	1.8	2	2.3	WOODS	OK	-59	33	-45	31	77
1	1.8			2	2.6	WOODWARD	OK			48	83	81
201	2.4	220	2.4	168	1.5	OREGON	OR	-2	-37	-38		
4	4.9	2	3.6	3	3.5	BAKER	OR	-26	-3	-28	47	90
5	3.3			2	.6	BENTON	OR			-81	03	32
12	2.4	14	2.1	11	1.1	CLACKAMAS	OR	-14	-45	-53	23	43
3	1.5	3	1.9	7*	4.0	CLATSOP	OR	22	113	159	96	92
1	.8			1	.6	COLUMBIA	OR			-22	52	32
10	4.1	4	1.6	2	.6	COOS	OR	-62	-63	-86	01	32
2	3.7	1	1.9			CROOK	OR	-47				
		2	2.5	1	.7	CURRY	OR		-72			33
2	2.4	5	4.1	1	.6	DESCHUTES	OR	73	-84	-73	07	32
5	1.6	10	2.8	6	1.4	DOUGLAS	OR	69	-48	-13	59	52
3*	6.2	2	5.0	1	2.4	GRANT	OR	-19	-51	-61	16	78
1	2.4	2	5.6	1	2.1	HARNEY	OR	137	-62	-10	61	73
2	5.1	2	2.5	1	2.0	HOOD RIVER	OR	-51	-22	-61	15	70
11	3.1	12	2.8	10	1.7	JACKSON	OR	-9	-40	-46	30	61
1	3.5			1	2.9	JEFFERSON	OR			-17	56	85
3	1.8	5	2.5	8*	3.5	JOSEPHINE	OR	41	38	94	90	90
4	1.7	4	1.6	2	.8	KLAMATH	OR	-4	-52	-54	22	35
				1	3.7	LAKE	OR					91
14	1.9	17	2.1	17	1.4	LANE	OR	13	-31	-23	51	52
2	1.5	2	1.1	2	1.1	LINCOLN	OR	-31	7	-26	48	43
11	4.1	5	1.5	11*	2.9	LINN	OR	-63	94	-29	45	85
5	4.8	1	1.3	3	2.5	MALHEUR	OR	-72	86	-49	27	79
14	2.5	15	2.3	9	1.0	MARION	OR	-7	-55	-58	18	40
1	3.5	1	7.6			MORROW	OR	116				
59	2.3	79*	3.1	38	1.4	MULTNOMAH	OR	36	-55	-39	36	50
3	3.0	4	2.7	2	.9	POLK	OR	-9	-67	-70	09	37
1	1.1	1	1.4	2	1.4	TILLAMOOK	OR	33	-3	29	78	50
4	1.7	1	.4	5	1.9	UMATILLA	OR	-77	377	10	72	66
2	2.1	4	3.9	1	1.1	UNION	OR	83	-72	-50	27	42
2	2.3	4	3.9	2	1.7	WASCO	OR	69	-56	-26	48	61
8	2.2	12	2.2	12	1.5	WASHINGTON	OR	-1	-31	-32	43	54
		1	6.6			WHEELER	OR					
6	3.7	5	2.4	5	2.2	YAMHILL	OR	-35	-8	-40	36	75
1241	2.5	1276*	2.5	949*	1.7	PENNSYLVANIA	PA	0	-29	-29		
8	3.4	5	2.0	9*	2.9	ADAMS	PA	-41	45	-15	58	85
166	2.3	174	2.4	137	1.9	ALLEGHENY	PA	2	-21	-19	54	67
10	2.6	14	3.7	5	1.2	ARMSTRONG	PA	39	-68	-55	21	45
29	3.1	25	2.6	19	2.0	BEAVER	PA	-15	-24	-36	40	70
2	1.0	5	2.4	1	.4	BEDFORD	PA	152	-82	-55	22	30
44	3.0	35	2.5	26	1.6	BERKS	PA	-18	-33	-45	31	59
15	2.2	8	1.2	6	1.0	BLAIR	PA	-48	-17	-57	20	39
8	3.0	7	2.8	5	1.7	BRADFORD	PA	-8	-39	-43	33	62
20	2.1	33	2.2	32	1.7	BUCKS	PA	8	-25	-18	54	60
12	2.5	20*	3.4	10	1.5	BUTLER	PA	38	-56	-39	37	55
21	2.1	30	3.2	5	.5	CAMBRIA	PA	49	-83	-75	06	31
		2	8.0	2*	8.0	CAMERON	PA		0			99
4	1.7	4	1.9	3	.9	CARBON	PA	12	-50	-45	31	38
5	2.0	7	1.9	2	.6	CENTRE	PA	-6	-66	-68	10	33
12	1.4	27	2.5	19	1.6	CHESTER	PA	82	-35	18	75	59
3	1.6	3	1.7	4	2.1	CLARION	PA	6	27	35	80	73
14	3.3	10	2.7	7	1.8	CLEARFIELD	PA	-16	-33	-44	32	65
4	2.2	2	1.0	5	2.7	CLINTON	PA	-54	163	22	76	82
6	2.3	5	2.0	5	1.8	COLUMBIA	PA	-13	-12	-24	50	63
13	3.5	10	2.7	7	1.8	CRAWFORD	PA	-23	-35	-49	27	63
15	3.2	14	2.2	12	1.6	CUMBERLAND	PA	-31	-27	-50	26	58
22	2.2	19	1.9	13	1.3	DAUPHIN	PA	-13	-31	-40	35	48
53	2.5	68	2.8	53	2.0	DELAWARE	PA	10	-27	-19	54	71
6	3.1	3	1.6	2	1.1	ELK	PA	-48	-31	-64	14	42
30	2.8	22	2.0	28	2.3	ERIE	PA	-27	15	-17	56	76
27	3.2	14	1.7	14	1.8	FAYETTE	PA	-48	7	-44	32	63
1	5.1					FOREST	PA					
12	3.2	13	2.9	5	1.0	FRANKLIN	PA	-10	-65	-68	10	40
1	2.1			2	3.4	FULTON	PA			61	86	89
6	3.1	7	4.1	3	1.7	GREENE	PA	30	-58	-45	31	61
5	2.4	8	4.8	3	1.6	HUNTINGDON	PA	101	-66	-31	44	59
10	2.5	3	.8	5	1.2	INDIANA	PA	-68	55	-51	25	47
7	2.9	5	1.8	1	.4	JEFFERSON	PA	-40	-78	-87	00	30
1	1.1	2	2.5	2	2.2	JUNIATA	PA	128	-11	102	91	74
29	2.2	17	1.6	19	1.5	LACKAWANNA	PA	-26	-7	-31	43	54
26	2.2	33	2.5	39*	2.5	LANCASTER	PA	14	0	14	74	79
12	2.3	14	2.6	10	1.9	LAWRENCE	PA	13	-27	-17	56	68
9	2.4	11	2.4	4	.8	LEBANON	PA	3	-67	-66	12	35
35*	3.1	29	2.3	22	1.6	LEHIGH	PA	-26	-30	-48	28	59
46	2.4	44	2.5	34	1.9	LUZERNE	PA	4	-23	-20	53	67
16	3.3	14	2.6	11	2.0	LYCOMING	PA	-20	-25	-40	56	69
6	2.3	6	2.2	8	2.8	MC KEAN	PA	-4	30	25	77	84
11	1.9	19	3.4	11	1.7	MERCER	PA	77	-51	-13	59	61
3	1.4	5	2.2	4	1.8	MIFFLIN	PA	54	-17	28	78	65
5	2.5	4	1.9	2	.6	MONROE	PA	-24	-68	-76	05	32

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
52	2.5	72	2.9	45	1.5	MONTGOMERY	PA	14	-48	-41	35	54
				3	3.6	MONTOUR	PA					91
17	1.8	23	2.2	22	2.0	NORTHAMPTON	PA	20	-9	10	72	71
8	1.5	15	3.3	6	1.1	NORTHUMBERLAND	PA	119	-67	-27	47	42
5	4.1	1	.7	3	2.0	PERRY	PA	-82	170	-52	24	70
214	2.6	185	2.6	131*	2.1	PHILADELPHIA	PA	-2	-18	-20	53	72
2	3.7	1	1.9	2	2.8	PIKE	PA	-48	47	-24	50	84
6*	6.5	4	5.2	2	2.2	POTTER	PA	-21	-57	-66	12	75
18	1.7	20	2.5	9	1.1	SCHUYLKILL	PA	43	-55	-35	40	43
4	3.4	1	.7	1	.5	SNYDER	PA	-79	-24	-84	01	31
11	2.8	13	3.2	3	.8	SOMERSET	PA	16	-76	-72	08	35
2	5.6			4*	13.5	SULLIVAN	PA			140	95	99
4	2.8	1	.6	3	1.5	SUSQUEHANNA	PA	-78	145	-47	30	54
6	3.5	5	2.9	3	1.5	TIOGA	PA	-15	-48	-56	20	55
3	3.0	2	1.8	1	.7	UNION	PA	-40	-61	-76	05	33
6	1.9	9	3.1	11*	3.8	VENANGO	PA	67	24	106	92	92
9	3.9	6	2.4	6	2.5	WARREN	PA	-39	3	-37	38	79
21	2.1	21	2.0	23	2.1	WASHINGTON	PA	-4	2	-1	66	72
4	2.5	5	3.5	2	1.6	WAYNE	PA	38	-54	-37	39	57
28	1.7	52	3.0	34	1.8	WESTMORELAND	PA	73	-40	5	69	65
4	5.7	6*	6.6	1	.9	WYOMING	PA	15	-86	-84	01	38
27	2.6	34	2.8	18	1.3	YORK	PA	6	-54	-52	25	47
118*	2.9	134*	3.2	102*	2.3	RHODE ISLAND	RI	7	-29	-23		
4	3.0	9*	4.6	6	2.6	BRISTOL	RI	54	-43	-13	59	82
21*	5.0	22*	3.8	14	2.1	KENT	RI	-23	-45	-58	18	72
8	2.8	9	2.5	9	2.8	NEWPORT	RI	-10	12	0	67	84
77	2.7	86*	3.1	68*	2.5	PROVIDENCE	RI	15	-21	-9	62	79
8	3.6	8	2.7	5	1.5	WASHINGTON	RI	-26	-42	-57	19	55
110	1.8	134	1.8	125	1.4	SOUTH CAROLINA	SC	2	-23	-22		
		1	1.8	3	3.8	ABBEVILLE	SC		111			91
3	1.7	2	.8	4	1.3	AIKEN	SC	-57	66	-28	47	47
		1	4.2	2*	20.2	ALLENDALE	SC		384			99
13*	3.9	9	2.3	5	1.1	ANDERSON	SC	-41	-53	-72	08	41
1	2.2	1	3.4			BARNWELL	SC	57				
1	.5					BEAUFORT	SC					
				2	.9	BERKELEY	SC					38
9	2.6	6	1.1	13	1.6	CHARLESTON	SC	-58	47	-38	37	58
2	1.6			2	1.2	CHEROKEE	SC			-24	50	45
1	1.7	2	2.5			CHESTER	SC	51				
3	2.5	3	3.3			CHESTERFIELD	SC	31				
1	1.3			3	3.8	COLLETON	SC			197	97	92
2	1.6	2	1.5	5	2.5	DARLINGTON	SC	-11	67	49	84	79
3	3.7					DILLON	SC					
		1	1.3	3	1.9	DORCHESTER	SC		49			66
3*	11.9	2	5.4			EDGEFIELD	SC	-55				
				2	5.0	FAIRFIELD	SC					96
9*	4.7	2	.7			FLORENCE	SC	-85				
1	1.6					GEORGETOWN	SC					
10	1.8	12	1.7	18	1.9	GREENVILLE	SC	-4	11	6	70	66
2	1.3	3	3.0	2	1.1	GREENWOOD	SC	137	-63	-13	59	42
2	5.8	2	5.2			HAMPTON	SC	-10				
4	2.1	10*	4.3	5	1.7	HORRY	SC	110	-60	-16	56	62
1	5.3	1	4.8			JASPER	SC	-10				
1	1.1	1	1.3	3	2.9	KERSHAW	SC	19	114	155	95	85
2	2.0	6	3.9	2	1.1	LANCASTER	SC	98	-71	-42	34	44
2	1.4	4	2.6	3	1.6	LAURENS	SC	87	-39	15	74	58
		3*	7.5			LEE	SC					
2	.7	7	2.1	4	1.3	LEXINGTON	SC	207	-38	89	90	47
1	6.0					MC CORMICK	SC					
1	1.4	1	1.4			MARION	SC	-1				
1	1.3	1	1.4			MARLBORO	SC	10				
4	4.4	2	2.2			NEWBERRY	SC	-49				
		5	2.8	2	.9	OCONEE	SC		-70			36
4	3.1	5	3.8	4	2.5	ORANGEBURG	SC	21	-34	-20	53	80
2	1.2	2	1.1	1	.4	PICKENS	SC	-13	-65	-69	09	30
2	.4	14	2.3	10	1.4	RICHLAND	SC	410	-40	207	97	50
				2	4.0	SALUDA	SC					93
8	1.3	13	2.3	18*	2.8	SPARTANBURG	SC	81	22	121	94	84
1	1.2	5	4.2	3	2.4	SUMTER	SC	259	-42	106	92	78
3	2.8	2	1.7	2	2.6	UNION	SC	-39	55	-6	64	81
		1	2.0	1	1.5	WILLIAMSBURG	SC		-27			54
5	2.2	2	.7	1	.5	YORK	SC	-70	-27	-78	04	31
86	2.7	83	2.5	63	1.9	SOUTH DAKOTA	SD	-5	-24	-27		
				1	4.1	AURORA	SD					93
4	3.8	4	3.4	2	2.0	BEADLE	SD	-10	-42	-48	28	70
1	1.6					BON HOMME	SD					
3	3.5	3	2.6	3	3.5	BROOKINGS	SD	-27	36	-1	66	90
6	3.6	5	3.2	1	.6	BROWN	SD	-12	-82	-85	01	31
1	3.0					BRULE	SD					
		1*	20.2			BUFFALO	SD					
3*	7.2	1	3.7			BUTTE	SD	-49				
				1*	14.9	CAMPBELL	SD					99
2	3.4			3*	7.9	CHARLES MIX	SD			133	94	99
		2	5.4			CLARK	SD					
3	5.2	2	3.6	2	4.4	CLAY	SD	-31	22	-16	57	94
4	4.0	2	2.0	6*	5.9	CODINGTON	SD	-51	201	48	83	97
		2	2.3	3	3.4	DAVISON	SD		46			89
2	3.3	1	1.5	1	1.4	DAY	SD	-55	-9	-59	17	50
		1	2.4	1	2.2	DEUEL	SD		-8			75
1	3.0			1	3.6	DOUGLAS	SD			19	75	91
2	5.3					EDMUNDS	SD					
1	4.5	1	4.7			FAULK	SD	4				
		1	2.7			GRANT	SD					
1	2.5	2	5.9	1	1.9	GREGORY	SD	136	-68	-24	50	67
				1*	6.2	HAAKON	SD					98

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

HODGKIN'S DISEASE — ICD 201

WHITE MALE 1950-1959 DEATHS	RATE	1960-1969 DEATHS	RATE	1970-1979 DEATHS	RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PEPCENTILE %CHANGE 70S/50S	RATES 1970S
1	2.6					HAND SD					
		1	9.6			HAPDING SD					
1	2.5	3	6.5			HUGHES SD	159				
1	1.7	2	3.3	1	1.7	HUTCHINSON SD	93	-47	2	68	62
				1*	8.2	HYDE SD					99
2*	16.4					JACKSON SD					
1	3.4			1	7.0	JEPAULD SD			104	92	98
2	3.3			3*	5.4	LAKE SD			64	86	97
1	1.5	2	2.5			LAWPENCE SD	72				
		1	1.1	2	3.0	LINCOLN SD		175			86
		4*	24.2			LYMAN SD					
1	1.8	1	2.7			MC COOK SD	49				
3*	7.5	1	1.9	1	4.0	MAPSHALL SD	-75	110	-47	29	92
1	1.3	3	4.1	1	1.1	MEADE SD	215	-74	-20	53	41
		1*	11.2			MELLETTE SD					
1	6.4	1	3.6			MINER SD	-44				
15*	4.1	14	3.3	9	1.9	MINNEHAHA SD	-20	-42	-53	23	67
1	1.7					MOODY SD					
7	3.5	3	1.4	5	1.9	PENNINGTON SD	-60	36	-45	31	68
		2	6.6	1	3.4	PERKINS SD		-49			89
1	4.5	3*	12.0			POTTER SD	168				
1	1.4			1	1.6	ROBEPTS SD			18	75	58
1	4.4	3*	15.2	2*	13.2	SANBOPN SD	245	-13	199	97	99
1	1.4	2	4.1	1	1.8	SPINK SD	188	-55	29	78	65
1	2.5	1	2.3			TRIPP SD	-8				
5*	9.6	1	1.2	1	1.1	TURNER SD	-87	-13	-89	00	41
2	3.4	3	5.4	4*	6.9	UNION SD	60	29	105	92	98
2	2.7	2	2.8	2	2.0	YANKTON SD	6	-31	-28	47	68
		1*	14.9			ZIEBACH SD					
268	2.1	294	2.0	243	1.4	TENNESSEE TN	-2	-30	-31		
2	1.0	10	4.4	8	2.8	ANDEPSON TN	344	-38	175	96	83
1	1.0	3	3.0			BEDFCPD TN	210				
2	3.8	2	3.5			BENTON TN	-7				
		1	2.7	2	3.9	BLEDSOE TN		45			92
9	4.0	2	.7	6	1.9	BLOUNT TN	-83	170	-53	23	67
3	1.8	2	.8	5	2.3	BRADLEY TN	-55	188	31	79	76
3	2.2	2	1.8	3	1.7	CAMPBELL TN	-16	-7	-22	51	61
3	2.5	4	3.6	3	2.0	CAPROLL TN	43	-43	-19	54	71
3	1.5	4	2.4	2	1.1	CARTER TN	61	-56	-29	46	41
2	4.3	2	4.0			CHEATHAM TN	-6				
1	2.3	1	2.4	1	2.1	CHESTER TN	4	-15	-12	60	72
3	3.2	4	3.8	1	.9	CLAIBOPNE TN	21	-76	-71	08	38
		1	2.6			CLAY TN					
		3	2.7	2	1.4	COCKE TN		-47			51
3	2.4	3	2.8	4	2.4	COFFEE TN	15	-16	-3	65	77
		1	1.7			CROCKETT TN					
2	2.2	6*	6.3	2	1.7	CUMBERLAND TN	191	-73	-22	52	61
32	2.7	33	2.3	20	1.2	DAVIDSON TN	-13	-50	-56	20	44
2	4.9	2	4.4	1	1.5	DECATUR TN	-10	-67	-70	09	54
				2	3.0	DE KALB TN					86
3	3.5	2	2.1	2	1.5	DICKSON TN	-40	-30	-58	18	53
3	2.5	3	2.2	2	1.5	DYER TN	-9	-31	-37	39	56
1	2.4					FAYETTE TN					
2	2.6	1	2.0			FENTRESS TN	-23				
		1	.9	3	2.2	FRANKLIN TN		136			74
5	2.8	3	1.4	4	2.2	GIBSON TN	-50	55	-23	51	74
1	.9	2	2.4	1	.8	GILES TN	155	-66	-13	59	36
3	1.7	3	1.5	1	.4	GPEENE TN	-12	-74	-77	04	30
1	1.9	3	5.7	1	2.0	GPUNDY TN	201	-64	8	71	71
		1	.5	3	1.6	HAMBLEN TN		233			57
24	3.1	15	1.7	14	1.5	HAMILTON TN	-44	-16	-53	23	53
				2*	6.1	HANCOCK TN					98
1	1.3	2	2.4			HARDEMAN TN	82				
1	1.3	1	1.4			HARDIN TN	5				
3	2.2	2	1.5	2	1.1	HAWKINS TN	-35	-27	-53	24	41
		2	2.9			HENDERSON TN					
4	3.8	2	2.1	1	.5	HENPY TN	-44	-77	-87	01	31
1	1.9	2	3.7	1	1.1	HICKMAN TN	97	-70	-41	35	43
		1	4.0	1	2.5	HOUSTON TN		-37			80
		1	1.5	2	2.9	HUMPHREYS TN		90			85
				1	2.0	JACKSON TN					71
2	2.2	4	3.9	3	2.0	JEFFERSON TN	77	-48	-8	62	70
		2	3.5	2	3.4	JOHNSON TN		-4			89
14	1.3	27	2.4	22	1.8	KNOX TN	82	-25	37	80	64
2	6.3	1	2.7			LAKE TN	-58				
1	1.5	1	2.3	2	2.2	LAUDERDALE TN	55	-4	49	84	75
3	2.7	4	2.9	4	2.7	LAWPENCE TN	8	-6	2	68	83
		1	3.3			LEWIS TN					
2	1.9	1	.9	1	1.1	LINCOLN TN	-52	20	-43	33	42
1	1.1	2	1.9			LOUDON TN	67				
1	.7			2	.9	MC MINN TN			29	78	38
		1	1.1	1	.9	MC NAIPY TN		-18			38
5*	7.8	1	1.7	4*	5.0	MACON TN	-78	194	-35	40	96
3	1.5	1	.5	5	2.0	MADISON TN	-69	343	36	80	71
1	1.3	1	1.0			MAPION TN	-22				
				1	1.5	MARSHALL TN					54
4	3.0	4	2.3	1	.5	MAUPY TN	-22	-80	-85	01	30
2*	7.8					MEIGS TN					
2	2.0	3	2.8	3	2.6	MONPOE TN	44	-7	34	79	82
3	2.0	3	1.9	2	.7	MONTGOMERY TN	-4	-63	-64	13	34
1	6.1					MOOPE TN					
5	3.8	1	.8	2	1.3	OBION TN	-79	59	-66	12	48
		2	2.6			OVERTON TN					
		1	2.7			PERRY TN					
2*	10.0	1	4.9			PICKETT TN	-51				
1	2.3					POLK TN					
3	2.2	3	2.0	4	2.0	PUTNAM TN	-7	0	-7	63	71
1	1.8	2	2.8	2	2.0	RHEA TN	58	-30	11	73	69
		6	3.6			ROANE TN					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE HODGKIN'S DISEASE ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1	.9	4	4.1	1	.7	ROBERTSON	TN	376	-82	-17	56	34
5	2.6	1	.5	2	.8	RUTHERFORD	TN	-79	44	-70	09	35
		4*	6.3	1	1.3	SCOTT	TN		-80			47
1	4.5					SEQUATCHIE	TN					
1	3.0	2	1.6	1	.5	SEVIER	TN	-46	-67	-82	02	31
38	2.6	39	2.2	38	1.9	SHELBY	TN	-16	-13	-26	48	67
1	1.4	2	3.0	2	2.3	SMITH	TN	110	-24	61	85	76
2	5.1	1	1.9	2	4.9	STEWART	TN	-62	156	-3	66	96
10	2.5	4	.8	10	1.7	SULLIVAN	TN	-68	108	-33	42	60
3	2.3	9*	5.0	3	1.0	SUMNER	TN	120	-80	-55	21	40
1	1.4			1	1.2	TIPTON	TN			-9	62	46
1	4.0					TROUSDALE	TN					
1	1.1	1	1.4	2	2.5	UNICOI	TN	28	70	118	93	79
		1	2.3	1	2.9	UNION	TN		26			85
		1	5.9			VAN BUREN	TN					
1	.9	2	1.7	1	.8	WARREN	TN	82	-53	-14	58	35
8	2.6	5	1.7	4	1.1	WASHINGTON	TN	-35	-32	-56	20	44
1	1.4	2	3.7	1	1.5	WAYNE	TN	157	-59	4	69	55
4	3.1	2	1.5	4	3.3	WEAKLEY	TN	-52	121	7	71	88
1	1.6	1	1.1			WHITE	TN	-28				
2	2.2	3	2.3	2	1.2	WILLIAMSON	TN	6	-48	-45	31	45
3	2.3	4	2.7	3	1.6	WILSON	TN	17	-40	-29	45	58
691	2.1	868	2.2	740	1.5	TEXAS	TX	3	-29	-27		
1	.8	2	1.4	2	1.6	ANDERSON	TX	76	11	96	91	57
		2	3.1			ANDREWS	TX					
2	1.6	3	1.6	2	.7	ANGELINA	TX	3	-56	-55	22	34
		2	5.7			ARANSAS	TX					
1	3.0			1	2.0	ARCHER	TX			-34	41	69
1	1.2	6*	7.1	3	3.0	ATASCOSA	TX	505	-57	158	96	86
3	4.7	2	4.1			AUSTIN	TX	-13				
		2	4.8			BAILEY	TX					
		2*	12.9	2*	3.8	BANDERA	TX		-70			92
1	1.7	4*	4.4	2	2.9	BASTROP	TX	164	-34	75	88	85
2	8.7					BAYLOR	TX					
		1	1.1	1	.7	BEE	TX		-41			53
4	1.2	4	.7	12	2.6	BELL	TX	-45	282	110	92	81
55	2.6	87*	3.1	70	2.0	BEXAR	TX	21	-35	-21	52	71
3	6.9			2	3.0	BOSQUE	TX			-56	20	86
4	1.9	3	1.2	3	1.1	BOWIE	TX	-38	-12	-46	31	41
5	2.8	8	3.2	9	1.5	BRAZORIA	TX	14	-54	-48	29	53
2	3.1	4	2.0	2	.5	BRAZOS	TX	-37	-76	-85	01	30
1	4.2	1	3.1	1	3.1	BREWSTER	TX	-27	-1	-28	47	87
				1*	5.1	BRISCOE	TX					96
2	4.9					BROOKS	TX					
3	1.8	3	2.2	3	1.6	BROWN	TX	23	-30	-14	58	57
		2	5.1			BURLESON	TX					
4*	7.6			1	1.8	BURNET	TX			-76	05	64
1	1.2	2	2.1	2	1.9	CALDWELL	TX	74	-7	61	86	67
		1	1.5	1	2.9	CALHOUN	TX		89			85
7	1.5	6	1.1	10	1.6	CAMERON	TX	-30	52	6	70	59
2	6.6					CAMP	TX					
1	.9	6*	6.0	3	2.8	CASS	TX	597	-54	221	98	83
1	2.5	1	2.2	1	1.8	CHAMBERS	TX	-11	-20	-29	46	63
1	.9	3	2.7	2	.9	CHEROKEE	TX	199	-66	2	67	38
1	2.0	1	4.1	1	3.7	CHILDRESS	TX	103	-10	84	89	91
		2	5.3			CLAY	TX					
				1	4.0	COKE	TX					93
1	1.3	1	2.1	4*	8.1	COLEMAN	TX	65	278	521	99	99
2	1.0	3	1.2	2	.5	COLLIN	TX	21	-59	-50	26	31
1	1.2			4	2.9	COMAL	TX			138	95	85
4	3.7	1	.9	3	4.1	COMANCHE	TX	-75	359	13	73	93
				1	3.5	CONCHO	TX					90
2	1.7	3	2.7	2	1.4	COOKE	TX	57	-47	-17	55	52
3	3.5	2	1.3	1	.9	CORYELL	TX	-65	-30	-75	06	37
1	4.8			1	3.3	COTTLE	TX			-32	43	88
1	2.9					CRANE	TX					
		1	4.7	1	4.8	CROCKETT	TX		3			96
		2	5.2	1	3.2	CROSBY	TX		-39			87
		1	23.6			CULBERSON	TX					
				1	3.3	DALLAM	TX					88
71	2.4	74	1.8	90	2.0	DALLAS	TX	-26	11	-18	54	70
1	1.4	3	4.7			DAWSON	TX	231				
2	3.2	3	4.3	1	1.4	DEAF SMITH	TX	34	-68	-57	19	50
		1	7.8			DELTA	TX					
2	.7	8	3.5	5	1.4	DENTON	TX	392	-59	101	91	52
1	1.0	1	1.0	3	2.3	DE WITT	TX	2	119	124	94	75
				1	3.4	DICKENS	TX					90
		1	2.7	1	2.6	DIMMIT	TX		-2			82
		2*	14.9			DONLEY	TX					
4*	7.0	1	1.7			DUVAL	TX	-76				
5	5.3	3	4.2	5*	4.7	EASTLAND	TX	-21	13	-11	60	95
7	2.0	2	.5	6	1.5	ECTOR	TX	-73	178	-26	49	54
5	2.7	6	3.5	6	2.9	ELLIS	TX	31	-19	6	70	85
23	2.4	23	1.8	23	1.7	EL PASO	TX	-25	-6	-29	46	61
2	2.6	1	1.1	2	1.2	ERATH	TX	-56	7	-53	24	46
2	1.9	2	3.0			FALLS	TX	56				
2	2.5	2	2.1	1	.9	FANNIN	TX	-17	-59	-66	13	36
2	2.1	1	.7			FAYETTE	TX	-69				
				2*	4.4	FISHER	TX					94
1	2.1	2	3.7	1	1.7	FLOYD	TX	72	-52	-18	55	62
2	1.4	4	2.5	2	.6	FORT BEND	TX	74	-77	-59	16	32
1	2.8					FRANKLIN	TX					
1	1.4			1	2.7	FREESTONE	TX			89	90	82
1	1.9	2	4.5	2	4.8	FRIO	TX	140	6	155	95	95
		1	2.6			GAINES	TX					
4	.8	9	1.7	10	1.6	GALVESTON	TX	99	-3	93	90	59
1	1.9	2	2.7	1	2.3	GILLESPIE	TX	40	-14	20	75	76
		1	3.6			GOLIAD	TX					
1	1.6	2	2.5			GONZALES	TX	56				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
3	2.6	4	3.2			GRAY TX	26				
7	2.0	13	3.6	3	.8	GRAYSON TX	77	-79	-63	14	34
3	2.3	4	1.3	1	.3	GREGG TX	-42	-79	-88	00	29
1	2.5	1	2.1			GRIMES TX	-17				
4	5.4			3	1.8	GUADALUPE TX			-47	29	64
		3	2.1	3	2.1	HALE TX		-2			71
1	2.3					HALL TX					
3	5.5	2	4.6			HAMILTON TX	-18				
		1	6.4	1	4.6	HARDEMAN TX		-29			95
1	1.0	1	.9	4	2.7	HARDIN TX	-12	200	163	96	83
78	2.5	111	2.2	92	1.5	HARRIS TX	-11	-35	-42	34	53
2	1.7	3	2.2	2	1.2	HARRISON TX	28	-45	-29	45	45
1	1.7	3	5.6	2	3.3	HASKELL TX	234	-42	95	91	68
				1	.8	HAYS TX					36
1	.9	1	.8	4	2.1	HENDERSON TX	-15	174	134	94	72
4	.7	9	1.3	12	1.4	HIDALGO TX	81	12	102	92	52
		5	3.5	2	1.9	HILL TX		-46			67
1	1.9	1	.9	3	3.1	HOCKLEY TX	-53	252	65	86	87
1	3.2			3*	5.9	HOOD TX			83	89	97
		1	.7	3	3.3	HOPKINS TX		354			88
2	2.7					HOUSTON TX					
1	.7	1	.6	2	1.2	HOWARD TX	-16	92	62	86	45
3	1.6	1	.5	5	2.4	HUNT TX	-71	408	45	82	77
2	1.4	1	.6			HUTCHINSON TX	-58				
		1*	10.1			IRION TX					
		2	6.3	1	1.7	JACK TX		-74			60
		3	7.1			JACKSON TX					
		4	4.4			JASPER TX					
17	2.5	19	2.3	12	1.5	JEFFERSON TX	-11	-36	-43	33	53
2*	11.5					JIM HOGG TX					
2	1.3	4	3.2	3	2.0	JIM WELLS TX	152	-36	60	85	71
4	2.2	2	.9	4	1.5	JOHNSON TX	-57	63	-30	44	55
5	4.9	3	4.1	1	.9	JONES TX	-15	-79	-82	02	37
2	2.8	2	3.9	1	1.2	KARNES TX	38	-70	-59	17	44
2	1.4			3	2.3	KAUFMAN TX			68	87	77
1	3.5	2	4.9	3*	7.0	KENDALL TX	41	43	103	92	98
1*	14.1					KENT TX					
				2	.9	KERR TX					38
1	4.0					KIMBLE TX					
		3	3.1			KLEBERG TX					
		1	2.0	1	2.0	KNOX TX		0			70
5	3.1	6	3.7	1	.6	LAMAR TX	20	-83	-80	03	32
3	3.5	6*	7.7	4*	4.2	LAMB TX	122	-46	20	76	93
2	5.6	2	3.4	2	2.9	LAMPASAS TX	-39	-15	-48	28	85
		2*	9.2			LA SALLE TX					
6*	5.8	3	3.0	1	.6	LAVACA TX	-49	-78	-89	00	32
		2	5.1			LEE TX					
2	8.3					LEON TX					
4	3.6	1	.9			LIBERTY TX	-75				
4	3.9	2	1.7			LIMESTONE TX	-57				
		1	5.7			LIPSCOMB TX					
		1	2.8			LIVE OAK TX					
		2	3.8	1	.9	LLANO TX		-77			37
7	1.2	6	1.0	15	2.0	LUBBOCK TX	-17	91	59	85	69
1	2.5	1	2.2	2	5.7	LYNN TX	-12	163	131	94	97
2	3.3	6*	11.2	1	1.3	MC CULLOCH TX	238	-88	-61	16	48
13	2.0	7	1.1	6	.9	MC LENNAN TX	-44	-20	-55	21	38
		2*	30.4			MC MULLEN TX					
2	5.0			1	4.3	MADISON TX			-14	58	94
1	4.4	2*	11.0			MARION TX	151				
1	7.0			1	3.7	MARTIN TX			-48	28	91
		1	5.3			MASON TX					
2	2.4	1	.9			MATAGORDA TX	-63				
		2	3.3	2	2.3	MAVERICK TX		-30			76
3	3.5	3	3.5	1	.8	MEDINA TX	2	-77	-77	05	35
5	3.4	4	2.1	5	1.5	MIDLAND TX	-39	-28	-56	20	54
3	3.5	1	1.0			MILAM TX	-72				
		1	1.7			MILLS TX					
		2	4.1	3*	8.2	MITCHELL TX		101			99
3	2.8	1	1.5			MONTAGUE TX	-47				
1	1.2	6	3.6	3	.7	MONTGOMERY TX	205	-81	-43	33	33
1	3.4	1	2.2	1	2.1	MORRIS TX	-36	-4	-38	37	72
1	5.6			1*	4.6	MOTLEY TX			-17	56	95
3	2.8	2	1.7	4	2.9	NACOGDOCHES TX	-41	72	1	67	85
3	2.1	7*	5.2	1	.5	NAVARRO TX	151	-89	-74	07	31
2	3.1	1	1.7	2	4.9	NEWTON TX	-67	187	-6	64	96
2	2.1			1	1.4	NOLAN TX			-35	40	50
14	2.2	31*	3.7	9	1.1	NUECES TX	65	-70	-50	26	43
		1	1.4			OCHILTREE TX					
5	1.9	8	2.5	7	2.6	ORANGE TX	36	2	39	81	81
1	1.1	2	1.6	3	2.0	PALO PINTO TX	54	25	92	90	71
2	3.3	1	1.3	3	3.9	PANOLA TX	-60	194	17	75	92
3	2.6	2	1.7	3	1.6	PARKER TX	-35	-3	-37	39	59
1	2.1	2	4.2			PARMER TX	106				
				2	3.2	PECOS TX					87
5	1.4	4	.8	6	1.5	POTTER TX	-42	88	9	72	56
2	7.3			1	4.5	PRESIDIO TX			-38	38	95
2	1.9	3	1.7	1	.6	RANDALL TX	-11	-61	-65	13	32
		1	6.5	1*	7.0	REAL TX		7			98
2	4.6	3	4.2			RED RIVER TX	-8				
1	3.3	1	1.4	1	2.3	REEVES TX	-58	66	-30	44	76
1	2.8					REFUGIO TX					
		1	3.1			ROCKWALL TX					
		1	1.3			RUNNELS TX					
2	1.7			5	2.3	RUSK TX			41	81	77
				1	2.3	SAN JACINTO TX					76
5	4.3	6	3.8			SAN PATRICIO TX	-11				
		2	11.0	1	1.8	SAN SABA TX		-84			64
				1*	5.8	SCHLEICHER TX					97
1	1.3	4	4.6			SCURRY TX	254				
		1	6.4	1	7.0	SHACKELFORD TX		10			98

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
3	3.3	3	2.6	3	2.2	SHELBY TX	-22	-17	-35	40	73
5	1.6	10	2.9	11	2.5	SMITH TX	84	-14	58	85	79
1	1.2			1	1.1	STARR TX			-6	64	43
				1	1.5	STEPHENS TX					55
1	5.2			1*	6.2	STONEWALL TX			21	76	98
				1	2.0	SWISHER TX					69
47	2.6	63	2.8	44	1.5	TARRANT TX	7	-46	-43	34	55
4	1.4	4	.9	3	.7	TAYLOR TX	-33	-22	-48	28	34
2	4.2	2	3.1	1	1.7	TERRY TX	-25	-44	-58	18	62
1	5.6					THROCKMORTON TX					
3	4.6	2	2.2	4*	4.3	TITUS TX	-53	98	-7	63	94
6	2.2	7	2.3	5	1.6	TOM GREEN TX	5	-33	-30	45	57
23	3.5	15	1.8	21	1.4	TRAVIS TX	-49	-25	-62	15	49
2	3.5	3	5.4	1	1.0	TYLER TX	55	-81	-70	09	41
		1	1.0	2	1.8	UPSHUR TX		70			63
1	14.5					UPTON TX					
		1	1.8	2	2.0	UVALDE TX		11			69
2	3.4					VAL VERDE TX					
		2	1.9	2	1.6	VAN ZANDT TX		-15			59
4	3.2	5	2.3	1	.7	VICTORIA TX	-27	-72	-79	03	33
2	3.8	1	.7	3	1.6	WALKER TX	-82	128	-59	17	56
1	3.2			3*	5.6	WALLER TX			77	88	97
				1	3.9	WARD TX					92
1	1.2	1	.9	1	.8	WASHINGTON TX	-29	-6	-33	41	36
4	2.0	5	1.9	3	.7	WEBB TX	-8	-60	-63	14	34
3	3.3	3	1.9	1	.9	WHARTON TX	-41	-54	-73	07	37
1	2.4	1	3.5			WHEELER TX	45				
5	1.1	15	3.2	7	1.5	WICHITA TX	205	-55	38	80	53
3	3.7	5*	7.3			WILBARGER TX	99				
2	1.4	3	5.3			WILLACY TX	282				
6	3.3	3	1.7	2	.8	WILLIAMSON TX	-48	-53	-76	05	35
3	4.8	1	1.2	1	1.7	WILSON TX	-74	38	-65	13	60
		1	1.5	1	1.9	WINKLER TX		29			68
3	3.0	1	.8	2	2.1	WISE TX	-74	166	-32	43	72
		1	.9			WOOD TX					
2*	4.7			2*	5.9	YOAKUM TX			26	77	97
1	1.1	5*	5.9	3	2.4	YOUNG TX	453	-59	126	94	78
		2*	9.4			ZAPATA TX					
				2	4.6	ZAVALA TX					95
64	2.0	85	2.2	84	1.8	UTAH UT	9	-18	-11		
1	1.3	2	2.7	1	.8	BOX ELDER UT	109	-71	-40	36	34
		2	1.4	3	1.8	CACHE UT		34			64
1	.9	5*	6.1	2	1.9	CARBON UT	559	-69	104	92	66
		1*	18.4			DAGGETT UT					
7	4.4	4	1.2	5	2.2	DAVIS UT	-73	80	-51	26	74
		2	7.1	1	2.7	DUCHESNE UT		-61			83
		1	3.5			EMERY UT					
		1	5.2	1	5.6	GARFIELD UT		6			97
2	4.9	2	3.9	1	1.7	IRON UT	-21	-56	-65	13	61
2*	8.4					JUAB UT					
2*	19.8					KANE UT					
		1	2.6			MILLARD UT					
		2*	15.1			MORGAN UT					
30	2.3	37	2.2	48*	2.3	SALT LAKE UT	-5	7	2	67	77
		2*	6.9			SAN JUAN UT					
1	1.4					SANPETE UT					
2	4.0	1	2.4			SEVIER UT	-40				
3	3.2	4	4.5	4*	4.9	TOOELE UT	40	9	52	84	96
1	4.0	2	4.1			UINTAH UT	2				
6	2.2	9	2.2	9	1.6	UTAH UT	1	-27	-27	47	58
1	2.5	1	1.4	3	3.9	WASHINGTON UT	-43	179	58	85	92
5	1.1	6	1.3	6	1.1	WEBER UT	17	-14	1	67	42
58	3.1	41	2.1	32	1.4	VERMONT VT	-31	-33	-53		
4	4.2	3	2.7	5*	3.9	ADDISON VT	-36	45	-6	63	92
4	3.0	3	2.6	2	1.3	BENNINGTON VT	-13	-51	-57	19	47
4	3.5	3	2.9	1	.8	CALEDONIA VT	-16	-71	-76	06	36
8	3.0	6	2.0	2	.5	CHITTENDEN VT	-34	-75	-84	02	31
3*	9.7	3*	10.1			ESSEX VT	4				
4	2.6	2	1.5			FRANKLIN VT	-42				
		1	5.7			GRAND ISLE VT					
		3	5.0	2	2.8	LAMOILLE VT		-44			84
3	3.5			2	2.0	ORANGE VT			-43	33	69
3	2.8	1	1.1			ORLEANS VT	-62				
9	3.7	3	1.4	3	1.2	RUTLAND VT	-63	-16	-69	10	44
6	2.8	3	1.5	3	1.3	WASHINGTON VT	-47	-14	-54	22	48
5	3.4	4	2.9	6*	3.3	WINDHAM VT	-14	12	-3	65	88
5	2.3	6	2.9	6	2.4	WINDSOR VT	29	-18	6	70	78
276	2.2	293	2.0	272	1.5	VIRGINIA VA	-10	-25	-32		
1	.7	4	2.9	3	3.0	ACCOMACK VA	321	1	327	99	86
10*	4.0			5	1.6	ALBEMARLE#VA			-60	16	58
3	2.6	3	2.5	1	1.2	ALLEGHANY#VA	-4	-53	-55	21	44
2*	10.5					AMELIA VA					
2	5.2	5*	6.2			AMHERST VA	21				
1	3.3	2	5.1	2	4.7	APPOMATTOX VA	57	-9	43	82	95
18	3.8	16	2.2	11	1.9	ARLINGTON#VA	-41	-15	-50	26	66
6	1.9	8	2.3	3	.7	AUGUSTA#VA	18	-69	-63	14	34
1	3.9					BATH VA					
4	.9	12	2.5	6	1.0	BEDFORD#VA	172	-59	12	73	40
1	3.9					BLAND VA					
		2	2.5	1	1.1	BOTETOURT VA		-55			42
		1	2.4	2*	5.0	BRUNSWICK VA		107			96
		1	.4			BUCHANAN VA					
				1	2.4	BUCKINGHAM VA					78
1	2.7	2	6.1			CAROLINE VA	122				
2	1.0	1	.4	9*	3.9	CARROLL#VA	-58	831	291	99	92

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WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	2.3			1	2.0	CHARLOTTE VA			-14	58	69
29	3.1	12	1.1	21	1.8	CHESTERFIELD#VA	-63	57	-42	34	63
				1	2.6	CLARKE VA					81
				1	1.4	CULPEPER VA					51
				1	5.3	CUMBERLAND VA					96
		3	3.5	2	2.4	DICKENSON VA		-32			77
9	4.1	5	2.1	4	1.3	DINWIDDIE#VA	-48	-38	-68	11	49
				1	3.6	ESSEX VA					91
12	1.4	25	1.6	40	1.6	FAIRFAX#VA	18	2	20	76	59
2	1.9	3	3.3	1	1.0	FAUQUIER VA	74	-69	-45	31	41
		2	4.8	2	3.6	FLOYD VA		-24			91
1	.9	4	3.9	2	1.5	FRANKLIN VA	325	-62	62	86	53
2	1.2	3	1.7	1	.6	FREDERICK#VA	48	-66	-50	26	32
1	1.1			2	2.4	GILES VA			116	93	77
1	2.6	1	2.7	3*	4.5	GLOUCESTER VA	7	66	77	88	95
1	4.4	1	3.8			GOOCHLAND VA	-14				
				1	3.4	GREENE VA					89
2	5.1			1	2.1	GREENSVILLE#VA			-59	17	72
4	3.9	2	1.6	3	2.5	HALIFAX#VA	-60	62	-35	41	60
2	2.4	4	3.7	5	2.8	HANOVER VA	52	-25	15	74	84
6	2.7	11	1.6	8	1.1	HENRICO VA	-39	-36	-61	15	41
3	1.9	3	1.2	4	1.7	HENRY#VA	-39	49	-8	62	62
				1	4.7	HIGHLAND VA					95
1	2.6			1	1.7	ISLE OF WIGHT VA			-34	41	62
		5	2.6	3	.9	JAMES CITY#VA		-65			38
2*	11.5					KING AND QUEEN VA					
		1	3.8			KING GEORGE VA					
				1	4.1	KING WILLIAM VA					93
2	6.1			3*	5.5	LANCASTER VA			-10	61	97
2	1.6	3	2.2	1	.9	LEE VA	41	-60	-43	33	37
3	3.4	2	1.7	2	1.0	LOUDOUN VA	-50	-42	-71	08	39
2	4.8	1	1.7	1	1.7	LOUISA VA	-65	0	-65	13	60
1	2.6	3*	7.6	1	3.0	LUNENBURG VA	193	-61	14	74	86
2	5.2	1	3.4			MADISON VA	-35				
1	4.8	1	3.8			MATHEWS VA	-21				
1	.9	1	1.2	2	2.1	MECKLENBURG VA	32	78	136	94	72
		2*	5.7	1	2.4	MIDDLESEX VA		-59			77
2	1.1	3	2.0	3	1.4	MONTGOMERY#VA	80	-32	22	76	50
1	1.9					NELSON VA					
		4*	12.4	2	5.9	NORTHAMPTON VA		-52			97
3*	7.5			1	1.5	NOTTOWAY VA			-80	03	54
		1	2.7			ORANGE VA					
		1	1.1	1	1.2	PAGE VA		6			46
		1	1.5			PATRICK VA					
6	2.0	8	2.4	4	1.1	PITTSYLVANIA#VA	20	-54	-45	31	43
2	4.6	1	2.3	2	4.7	PRINCE EDWARD VA	-51	108	2	68	95
		6	3.0	6	2.0	PRINCE WILLIAM#VA		-32			71
4	2.9	2	2.0	1	.6	PULASKI VA	-31	-69	-78	04	32
1	3.9			1	4.6	RAPPAHANNOCK VA			16	74	95
		1	4.0			RICHMOND VA					
14	2.2	12	1.6	17	2.1	ROANOKE#VA	-25	25	-6	63	71
10*	8.6	3	2.4			ROCKBRIDGE#VA	-73				
11*	4.5	8	3.4	3	.9	ROCKINGHAM#VA	-24	-75	-81	03	37
2	1.9	1	.9	1	.9	RUSSELL VA	-55	-2	-56	21	36
1	.8	6*	4.7	1	.7	SCOTT VA	460	-85	-15	58	34
5	4.7	4	3.8			SHENANDOAH VA	-19				
3	2.1	3	2.2	2	1.2	SMYTH VA	6	-46	-43	33	44
1	1.0	2	2.2	2	1.5	SPOTSYLVANIA#VA	117	-32	48	83	53
2	3.3	3	4.4	1	1.1	STAFFORD VA	33	-74	-66	12	43
		1	6.5			SURRY VA					
3	1.5	2	1.1	3	1.4	TAZEWELL VA	-28	24	-11	60	50
1	2.2	1	1.5	1	.9	WARREN VA	-29	-39	-57	20	38
4	1.9	5	1.9	3	1.0	WASHINGTON#VA	3	-47	-45	31	40
6	2.7	6	3.1	2	1.1	WISE#VA	15	-64	-59	17	42
4	5.5	5	5.5	3	2.9	WYTHE VA	0	-48	-48	28	84
36	2.3	33	2.0	26	1.1	CHESAPEAKE CITY#VA	-14	-45	-53	24	42
5	1.3	5	1.8	7	1.8	HAMPTON CITY VA	33	4	38	80	65
2	.9	7	1.6	10	2.3	NEWPORT NEWS CITY VA	79	41	152	95	75
2	2.4	2	1.9	3	2.7	SUFFOLK CITY VA	-22	41	10	72	82
317	2.5	375*	2.6	283	1.7	WASHINGTON WA	5	-36	-33		
		2	3.6	2	3.4	ASOTIN WA		-5			89
4	1.0	5	2.1	3	.9	BENTON WA	107	-56	-10	61	37
3	1.5	8	3.8	1	.4	CHELAN WA	156	-90	-74	06	30
3	2.6	6	3.9	1	.5	CLALLAM WA	52	-87	-80	03	31
7	1.5	11	2.1	14	2.0	CLARK WA	44	-7	35	80	69
1	3.2					COLUMBIA WA					
8	2.8	11	3.8	9	3.0	COWLITZ WA	32	-19	6	70	86
2	2.7	1	1.3	1	1.7	DOUGLAS WA	-50	25	-38	38	60
		1	5.7	1	4.9	FERRY WA		-15			96
2	2.9	4	3.3	4	2.8	FRANKLIN WA	14	-15	-3	65	83
1	.6	1	.4	1	.4	GRANT WA	-27	-9	-33	42	30
10	3.4	12*	4.4	11*	3.5	GRAYS HARBOR WA	31	-20	5	69	90
1	1.3					ISLAND WA					
1	2.2			3	3.5	JEFFERSON WA			58	85	90
115*	2.9	126	2.7	82	1.5	KING WA	-7	-43	-47	29	56
7	1.8	10	2.1	15	2.6	KITSAP WA	17	25	46	83	81
1	.8	3	2.6	2	1.9	KITTITAS WA	208	-25	130	94	68
1	1.5	2	3.0	1	1.6	KLICKITAT WA	100	-47	5	70	56
4	1.6	3	1.4	7	2.6	LEWIS WA	-17	93	61	85	82
3	6.2	1	1.6	2	3.8	LINCOLN WA	-75	140	-39	37	92
		2	2.1	2	1.2	MASON WA		-40			47
1	.8	7*	5.1	3	2.1	OKANOGAN WA	558	-60	163	96	71
1	1.0	2	1.7	2	1.8	PACIFIC WA	71	3	76	88	63
2	5.0	1	2.1			PEND OREILLE WA	-57				
42	3.0	48	3.0	35	1.9	PIERCE WA	0	-37	-37	39	66
1	5.7					SAN JUAN WA					
4	1.5	6	2.1	3	1.0	SKAGIT WA	43	-52	-31	43	40
17	2.5	21	2.1	19	1.4	SNOHOMISH WA	-18	-32	-45	32	51
25	2.0	37	2.8	23	1.6	SPOKANE WA	40	-42	-19	54	58

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WHITE MALE HODGKIN'S DISEASE ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
5	5.2	1	1.1	1	.9	STEVENS WA	-78	-16	-82	02	38
8	3.5	6	1.8	8	1.6	THURSTON WA	-48	-10	-53	23	59
3*	14.0	1	4.5			WAHKIAKUM WA	-68				
4	1.9	6	2.6	3	1.2	WALLA WALLA WA	41	-53	-33	42	47
12	3.3	9	2.3	9	1.8	WHATCOM WA	-32	-19	-45	31	65
		2	1.4	2	1.5	WHITMAN WA		8			55
18	2.8	19	2.7	13	1.9	YAKIMA WA	-4	-31	-33	42	66
174	2.1	171	2.1	129	1.5	WEST VIRGINIA WV	0	-28	-27		
1	1.1	2	2.6	1	1.0	BARBOUR WV	140	-62	-10	61	39
7	3.8	4	2.1	3	1.5	BERKELEY WV	-44	-28	-59	17	56
		2	1.8	3	2.2	BOONE WV		23			75
3	3.9	1	1.2			BRAXTON WV	-68				
3	2.5	1	.8	3	1.8	BROOKE WV	-66	113	-27	47	64
8	1.5	5	1.0	7	1.4	CABELL WV	-33	45	-3	66	52
4*	9.0					CALHOUN WV					
1	1.6					CLAY WV					
6	1.9	7	2.9	3	1.2	FAYETTE WV	50	-59	-38	37	45
1	2.5	2	4.2	1	3.2	GILMER WV	65	-23	27	78	88
3*	8.0	1	3.2			GRANT WV	-59				
5	3.2	4	2.5	1	.6	GREENBRIER WV	-24	-77	-82	02	32
1	1.7			1	1.7	HAMPSHIRE WV			-4	65	60
2	1.2	3	1.6			HANCOCK WV	39				
12	3.3	16*	4.1	8	2.1	HARRISON WV	24	-49	-37	38	72
1	1.4	2	2.3	5*	4.1	JACKSON WV	61	75	183	96	93
		1	1.2	3	2.8	JEFFERSON WV		144			84
21	2.0	14	1.4	19	1.8	KANAWHA WV	-34	32	-12	59	64
1	.7	1	.9	3	3.2	LEWIS WV	34	248	365	99	87
2	2.0			2	2.0	LINCOLN WV			3	69	71
4	1.2	9	3.6	1	.5	LOGAN WV	214	-87	-58	18	31
3	.8	5	2.2	2	1.0	MC DOWELL WV	164	-53	24	77	41
12	3.9	9	2.9	5	1.7	MARION WV	-25	-42	-57	19	61
7	3.4	3	1.5	3	1.6	MARSHALL WV	-55	2	-54	22	57
		2	1.8	2	1.7	MASON WV		-8			60
1	.3	6	2.1	3	1.0	MERCER WV	592	-53	225	98	39
3	3.1	1	.8	3	2.4	MINERAL WV	-74	197	-21	52	79
4	2.9	5	3.6	2	1.2	MINGO WV	24	-67	-59	16	44
4	1.2	10	3.8	3	.9	MONONGALIA WV	214	-76	-24	50	38
1	1.4	2	3.6	2	3.0	MONROE WV	151	-18	106	92	85
1	2.4			1	1.9	MORGAN WV			-19	54	68
2	1.5	2	1.7			NICHOLAS WV	12				
3	1.2	4	1.4	5	1.8	OHIO WV	14	29	47	83	63
		1	1.9			PENDLETON WV					
1	3.2					PLEASANTS WV					
		1	1.5	1	1.3	POCAHONTAS WV		-13			48
2	1.4	3	2.6	2	1.4	PRESTON WV	81	-45	0	66	51
2	2.7	1	.7	3	2.1	PUTNAM WV	-73	189	-22	52	73
9	2.6	8	2.7	4	1.1	RALEIGH WV	3	-60	-59	18	42
2	1.4	4	2.8	3	2.0	RANDOLPH WV	100	-28	44	82	70
1	1.5			2	3.1	RITCHIE WV			102	91	87
4	4.0					ROANE WV					
1	1.2	1	1.2	1	1.3	SUMMERS WV	-4	10	5	70	47
3	3.5	2	3.8	2	2.2	TAYLOR WV	8	-40	-36	40	75
2	4.0	1	2.1			TUCKER WV	-46				
		1	2.0			TYLER WV					
3	3.4	1	1.2	1	.8	UPSHUR WV	-66	-28	-75	06	36
4	2.2	1	.6	4	2.0	WAYNE WV	-74	253	-7	63	71
		2	3.4	4*	6.7	WEBSTER WV		97			98
1	1.1	1	1.4	1	.9	WETZEL WV	26	-36	-19	54	37
1	3.4	1	3.8			WIRT WV	11				
9	2.9	15*	3.8	4	1.0	WOOD WV	33	-74	-66	12	39
2	.9	3	2.2	2	1.4	WYOMING WV	151	-36	61	86	52
390	2.2	446	2.3	354	1.7	WISCONSIN WI	7	-28	-23		
		1	3.0	1	1.3	ADAMS WI		-58			47
		2	2.7			ASHLAND WI					
5	2.8	7	4.6	5	3.1	BARRON WI	65	-34	9	72	87
		1	1.3	2	2.0	BAYFIELD WI		57			70
12	2.4	16	3.0	10	1.4	BROWN WI	27	-53	-40	36	51
2	2.5					BUFFALO WI					
2	3.4	2	3.5	2	1.9	BURNETT WI	1	-46	-46	31	66
1	.9			1	.8	CALUMET WI			-6	63	36
1	.5	9	3.9	3	1.2	CHIPPEWA WI	639	-68	134	94	47
4	2.2			3	1.5	CLARK WI			-30	45	56
6	3.1	8	4.2	3	1.4	COLUMBIA WI	37	-66	-53	23	52
3	3.8					CRAWFORD WI					
18	2.1	28	2.7	13	1.2	DANE WI	27	-55	-43	34	45
9	2.7	4	1.4	7	2.0	DODGE WI	-49	41	-28	47	68
3	2.4	4	2.8	4	2.7	DOOR WI	17	-3	14	73	82
3	1.5	8	3.6	5	2.0	DOUGLAS WI	136	-45	30	79	69
1	.8	2	1.4	5	3.5	DUNN WI	63	155	316	99	90
5	1.9	7	2.4	8	2.4	EAU CLAIRE WI	29	1	30	79	78
5	1.5	7	2.0	10	2.4	FOND DU LAC WI	34	20	62	86	78
		2	3.6			FOREST WI					
8	3.9	4	1.9	8*	3.0	GRANT WI	-50	54	-23	51	86
4	3.0	3	2.4	4	2.6	GREEN WI	-19	9	-12	59	81
3	3.5	1	1.2	2	2.2	GREEN LAKE WI	-66	86	-38	38	74
4	4.0	4	4.8	1	1.2	IOWA WI	19	-74	-69	10	46
1	1.7	2	5.1	2	5.7	IRON WI	198	11	232	98	97
3	3.1	4	6.5			JACKSON WI	107				
6	2.8	4	1.5	3	.9	JEFFERSON WI	-46	-38	-66	12	38
		5*	5.2	2	2.2	JUNEAU WI		-58			74
9	2.0	13	2.6	10	1.7	KENOSHA WI	29	-35	-16	57	60
2	1.9			2	2.2	KEWAUNEE WI			16	74	75
10	2.8	2	.5	3	.7	LA CROSSE WI	-81	26	-76	05	33
1	1.0	1	1.0			LAFAYETTE WI	-1				
2	1.9	2	2.2	4	4.1	LANGLADE WI	18	81	113	93	93
1	.9	2	1.7			LINCOLN WI	89				
7	2.0	12	3.2	4	1.0	MANITOWOC WI	65	-70	-50	26	39

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
14	3.4	14	3.1	5	1.0	MARATHON WI	-9	-67	-70	09	40
3	1.4	4	2.2	4	2.3	MARINETTE WI	54	6	62	86	76
1	2.3			1	1.3	MARQUETTE WI			-43	33	49
9	3.3	7	2.6	5	1.4	MENOMINEE#WI	-20	-47	-58	18	50
95	2.1	117	2.5	100*	2.2	MILWAUKEE WI	19	-10	7	71	75
4	2.3	2	1.2	2	1.5	MONROE WI	-48	20	-38	38	53
1	.9	6*	4.8	5	3.7	ONEIDA WI	439	-22	319	99	91
8	2.1	11	2.4	10	1.9	OUTAGAMIE WI	11	-18	-9	62	68
1	.8	5	2.4	3	1.1	OZAUKEE WI	212	-52	49	83	43
		2	5.4			PEPIN WI					
3	2.3			1	.6	PIERCE WI			-72	08	33
4	2.6	5	4.3	6*	3.9	POLK WI	63	-8	50	84	92
5	2.6	3	1.4	1	.2	PORTAGE WI	-48	-83	-91	00	29
2	3.1	1	1.1	2	4.0	PRICE WI	-65	269	30	78	92
19	3.0	11	1.6	9	1.3	RACINE WI	-46	-20	-57	19	48
1	1.0	2	2.2	1	1.1	RICHLAND WI	129	-51	13	73	42
9	1.9	16	2.9	13	2.2	ROCK WI	51	-22	18	75	75
1	1.1	2	2.7			RUSK WI	157				
3	2.1	2	1.7	1	.6	ST CROIX WI	-17	-64	-70	09	32
2	1.0	4	1.9	3	1.3	SAUK WI	96	-31	35	80	49
1	2.7					SAWYER WI					
14	3.1	7	1.6	6	1.2	SHEBOYGAN WI	-48	-23	-60	16	47
3	3.2	4	5.3	3	3.4	TAYLOR WI	65	-36	6	70	89
		4	3.8	4	2.7	TREMPEALEAU WI		-29			83
5	4.3	2	1.1	1	.8	VERNON WI	-75	-24	-81	03	35
1	1.6	1	.9			VILAS WI	-43				
6	2.5	7	2.8	4	1.1	WALWORTH WI	12	-59	-54	22	43
2	3.8					WASHBURN WI					
5	2.5	5	2.4	2	.8	WASHINGTON WI	-6	-68	-70	09	34
6	1.1	15	1.8	17	1.6	WAUKESHA WI	58	-12	39	81	58
3	1.4	1	.6	1	.3	WAUPACA WI	-55	-56	-80	03	29
2	2.4	2	2.7	1	1.0	WAUSHARA WI	11	-61	-56	20	41
9	2.1	8	1.4	10	1.6	WINNEBAGO WI	-34	16	-23	51	58
7	2.5	9	3.3	6	1.9	WOOD WI	33	-42	-23	50	67
33	2.2	35	2.2	31	1.9	WYOMING WY	1	-17	-16		
3	3.7	4	4.3	5*	4.2	ALBANY WY	18	-2	16	74	94
3	5.0	2	3.4	2	4.5	BIG HORN WY	-31	32	-10	61	95
		2	4.7			CAMPBELL WY					
2	2.5	1	1.3			CARBON WY	-49				
		1	.9	2	1.6	FREMONT WY		73			57
				3*	4.5	GOSHEN WY					95
1	4.0	2	9.7			HOT SPRINGS WY	144				
1	4.5	2	6.5	1	2.3	JOHNSON WY	45	-64	-48	28	77
6	2.1	8	3.2	8	3.0	LARAMIE WY	50	-6	40	81	86
2	4.7	2	5.0			LINCOLN WY	7				
3	1.5	6	2.5	5	2.5	NATRONA WY	67	-3	63	86	79
		1	5.5			NIOBRARA WY					
4	5.5					PARK-TETON#WY					
				1	2.5	PLATTE WY					80
5	3.7	2	1.4	2	1.8	SHERIDAN WY	-61	24	-51	25	64
1	8.6					SUBLETTE WY					
2	1.7	1	1.1	2	1.8	SWEETWATER WY	-36	65	6	70	65

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

HODGKIN'S DISEASE — ICD 201

WHITE FEMALE 1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
10121	1.3	12228	1.4	10321	1.0	UNITED STATES	2	-29	-27		
107	1.1	155	1.2	127	.8	ALABAMA AL	13	-34	-25		
		1	1.1	1	.9	AUTAUGA AL		-23			59
2	1.1	1	.5	2	.7	BALDWIN AL	-60	55	-37	38	53
				1	1.0	BARBOUR AL					67
1	2.0	1	1.6	1	1.3	BIBB AL	-20	-16	-33	42	76
		1	.8	3	1.5	BLOUNT AL		96			80
		1	1.2	2	2.3	BUTLER AL		90			91
5	1.7	4	1.0	2	.5	CALHOUN AL	-45	-51	-73	07	44
1	.7	4	2.7	1	.5	CHAMBERS AL	279	-81	-29	46	46
		1	1.2	1	.9	CHEROKEE AL		-24			61
2	1.8	1	.8	1	.6	CHILTON AL	-57	-16	-64	14	50
				1	1.5	CHOCTAW AL					81
1	1.6	1	1.4	2	2.5	CLARKE AL	-15	81	54	85	93
1	1.6	1	2.1			CLAY AL	27				
		2	3.4	1	1.5	CLEBURNE AL		-55			81
1	.9			1	.6	COFFEE AL			-39	37	47
2	1.5	1	.5	4	1.5	COLBERT AL	-69	227	0	67	81
		1	1.3			CONECUH AL					
		1	2.6			COOSA AL					
3	3.3	2	1.4	1	.6	COVINGTON AL	-56	-56	-81	03	50
		1	2.0			CRENSHAW AL					
4	1.9	3	1.2	2	.6	CULLMAN AL	-40	-49	-69	10	48
		3	2.3	1	.6	DALE AL		-74			48
2	1.8	4	3.1			DALLAS AL	77				
4	2.0	1	.4	3	.8	DE KALB AL	-82	113	-62	16	54
				1	.9	ELMORE AL					60
		1	.8	1	.7	ESCAMBIA AL		-17			52
2	.6	8	1.8	10*	2.0	ETOWAH AL	196	11	230	97	88
2	2.3	1	1.4	2	1.7	FAYETTE AL	-38	18	-27	48	84
		1	.7			FRANKLIN AL					
		2	2.1	1	.7	GENEVA AL		-66			53
		1	1.9			HENRY AL					
1	.7	2	1.0	6*	2.2	HOUSTON AL	52	126	243	97	91
1	.7			1	.5	JACKSON AL			-37	38	44
26	1.4	35	1.5	20	.8	JEFFERSON AL	11	-51	-46	29	54
		1	1.1	1	1.0	LAMAR AL		-11			65
3	1.3	7	2.6	2	.6	LAUDERDALE AL	89	-77	-57	20	47
2	2.4	1	1.1			LAWRENCE AL	-52				
		1	.7	2	1.3	LEE AL		84			74
2	2.1			1	.6	LIMESTONE AL			-72	08	48
		1	4.1			LOWNDES AL					
3	1.0	9	1.8	5	.7	MADISON AL	78	-61	-30	46	52
		2	3.8			MARENGO AL					
3	2.6	4	3.1	1	.7	MARION AL	21	-76	-71	09	54
3	1.6	2	.7	3	.8	MARSHALL AL	-54	12	-49	26	58
4	.6	13	1.2	9	.7	MOBILE AL	99	-40	19	75	53
1	1.5			1	1.7	MONROE AL			9	71	83
3	.7	4	.7	3	.4	MONTGOMERY AL	3	-43	-41	35	43
4	1.9	1	.4	7	1.8	MORGAN AL	-79	356	-2	66	86
		1	1.5			PICKENS AL					
		2	2.0			RANDOLPH AL					
1	.8	2	1.6	1	.7	RUSSELL AL	99	-57	-14	58	51
3	3.2			3	1.9	ST CLAIR AL			-40	36	87
		1	.6	2	.6	SHELBY AL		-8			47
2*	7.5					SUMTER AL					
4	2.2	3	1.2	3	1.1	TALLADEGA AL	-44	-9	-49	26	70
		2	1.8	2	1.1	TALLAPOOSA AL		-41			68
3	.9	10	2.4	6	1.1	TUSCALOOSA AL	167	-53	25	77	70
4	1.8			2	.5	WALKER AL			-73	07	45
1	3.0					WILCOX AL					
		1	1.7			WINSTON AL					
		3	1.1	4	.6	ALASKA AK		-43			
47	1.2	83	1.3	88	.8	ARIZONA AZ	7	-34	-29		
1	.5	2	.8			COCHISE AZ	49				
2	2.5	1	.6	2	1.6	COCONINO AZ	-76	169	-35	40	82
1	1.7	2	1.8			GILA AZ	8				
2	4.3			1	1.0	GRAHAM AZ			-77	05	65
29	1.3	52	1.4	66	1.1	MARICOPA AZ	8	-25	-19	54	68
		1	1.5	1	.8	MOHAVE AZ		-46			57
1	1.2	1	.8			NAVAJO AZ	-34				
5	.5	18	1.2	14	.6	PIMA AZ	152	-51	24	76	49
2	2.3	1	.4			PINAL AZ	-82				
		1	1.8			SANTA CRUZ AZ					
3	2.6	2	.9	2	.8	YAVAPAI AZ	-63	-21	-71	08	54
1	.9	2	.9	2	.8	YUMA AZ	-3	-7	-10	62	57
67	1.0	99	1.2	105	1.0	ARKANSAS AR	20	-17	-1		
		1	1.1	1	1.0	ARKANSAS AR		-12			64
1	1.5	1	1.1	1	.9	ASHLEY AR	-27	-19	-41	34	60
		2	1.7			BAXTER AR					
1	.5	3	1.1	1	.3	BENTON AR	137	-69	-26	48	41
2	2.3	1	.7			BOONE AR	-67				
		1	1.2	1	1.2	BRADLEY AR		-7			71
1	5.4			1	2.6	CALHOUN AR			-52	24	93
1	1.3			7*	4.8	CARROLL AR			284	97	98
		1	2.7			CHICOT AR					
		3	3.2			CLARK AR					
1	.8					CLAY AR					
		1	1.9	1	2.0	CLEBURNE AR		1			88
		2	2.1			COLUMBIA AR					
		1	1.1	1	.8	CONWAY AR		-28			55

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
3	1.5	3	1.3	4	1.2	CRAIGHEAD AR	-18	-6	-23	51	72
		5*	3.8	3	2.1	CRAWFORD AR		-45			89
1	.9	4*	3.9	1	.9	CRITTENDEN AR	330	-78	-7	63	59
1	1.4	1	1.4			CROSS AR	3				
				1	1.7	DALLAS AR					84
1	2.1	1	1.6			DESHA AR	-24				
				1	1.0	DREW AR					64
1	1.0	1	.6	3	1.3	FAULKNER AR	-33	96	32	79	74
1	2.0			1	1.6	FULTON AR			-20	54	83
3	1.2	4	1.4	4	.9	GARLAND AR	17	-36	-25	50	60
		1	2.1	1	1.8	GRANT AR		-15			86
1	.7	3	2.4			GREENE AR	257				
		1	2.6	2	1.4	HEMPSTEAD AR		-47			78
1	1.1	3	2.7	3	2.8	HOT SPRING AR	141	2	145	94	94
2	3.6			1	2.4	HOWARD AR			-33	42	92
1	.8			2	1.1	INDEPENDENCE AR			30	78	68
1	3.7			1	3.1	IZARD AR			-16	57	95
1	1.7	5*	4.9	1	1.2	JACKSON AR	193	-76	-30	46	72
3	1.5	1	.5	4	1.4	JEFFERSON AR	-68	198	-6	63	78
				1	.6	JOHNSON AR					47
		1	1.9			LAFAYETTE AR					
1	1.1	1	1.0	1	.6	LAWRENCE AR	-7	-42	-46	29	48
2*	6.3			1	2.8	LINCOLN AR			-55	22	94
1	2.7					LITTLE RIVER AR					
2	2.3	1	1.4			LOGAN AR	-36				
				2	1.1	LONOKE AR					68
				1	1.6	MADISON AR					82
1	2.6					MARION AR					
6*	5.9					MILLER AR					
		1	.5	3	1.2	MISSISSIPPI AR		141			72
1	2.6					MONROE AR					
		2*	4.2	1	1.7	MONTGOMERY AR		-59			84
		2	4.9			NEVADA AR					
1	1.1	3	2.7	4*	3.5	OUACHITA AR	149	28	218	96	96
1	1.1					PHILLIPS AR					
		2	3.2			PIKE AR					
		5*	4.1	1	.7	POINSETT AR		-83			52
1	1.4	1	1.2	1	.5	POLK AR	-11	-57	-62	16	46
2	2.2			2	1.0	POPE AR			-56	21	65
		1	2.0			PRAIRIE AR					
6	.8	7	.7	15	1.1	PULASKI AR	-12	65	45	83	69
				1	.9	RANDOLPH AR					61
1	1.6			1	1.1	ST FRANCIS AR			-30	45	69
3	2.4	4	2.5	5*	2.3	SALINE AR	3	-6	-3	65	91
		1	2.7			SCOTT AR					
2	.6	9	2.0	2	.5	SEBASTIAN AR	228	-77	-25	49	44
1	1.7			1	1.9	SEVIER AR			16	74	87
2	1.2	1	.4	4	1.4	UNION AR	-64	238	21	75	79
				2	3.2	VAN BUREN AR					95
1	.4	3	1.0	5	1.1	WASHINGTON AR	135	18	178	95	70
3	1.9	2	1.0	3	1.1	WHITE AR	-49	8	-45	30	68
1	2.4	1	3.3			WOODRUFF AR	38				
		1	1.0	1	1.4	YELL AR		33			78
834	1.3	1103	1.3	902	.9	CALIFORNIA CA	0	-34	-33		
67	1.7	77	1.7	32	.6	ALAMEDA CA	1	-63	-62	16	50
1	.3	7	1.4	8	1.2	BUTTE CA	447	-14	373	99	74
				2	1.7	CALAVERAS CA					83
1	2.3	2	3.1			COLUSA CA	36				
24	1.8	29	1.5	30	1.0	CONTRA COSTA CA	-18	-34	-45	30	66
1	1.8	2	3.2			DEL NORTE CA	78				
				5	1.7	EL DORADO CA					84
22	1.6	27	1.5	23	1.1	FRESNO CA	-6	-28	-32	43	70
9	2.3	3	.7	2	.3	HUMBOLDT CA	-70	-50	-85	01	41
2	1.0	1	.5	6	2.0	IMPERIAL CA	-50	288	94	91	88
		1	1.5	1	.9	INYO CA		-39			61
16	1.8	14	1.2	9	.6	KERN CA	-35	-51	-68	10	47
1	.6	4	1.7	1	.3	KINGS CA	168	-82	-53	23	41
1	1.4	2	2.0	2	.6	LAKE CA	40	-70	-58	19	48
		1	1.7			LASSEN CA					
346	1.3	409	1.3	312	.9	LOS ANGELES CA	-1	-28	-29	47	62
2	1.1	3	1.6	5	1.8	MADERA CA	45	16	69	88	86
10	1.9	6	.8	16	1.3	MARIN CA	-61	77	-30	45	76
2	1.1	5	1.9	1	.3	MENDOCINO CA	72	-86	-76	05	40
3	1.0	8	1.9	4	.8	MERCED CA	92	-59	-21	52	55
		3*	7.2			MODOC CA					
8	1.2	14	1.6	10	.9	MONTEREY CA	39	-46	-25	50	60
5	1.6	4	.8	5	1.0	NAPA CA	-50	18	-41	35	64
		3	2.0	4	2.3	NEVADA CA		16			91
18	.8	69	1.4	56	.7	ORANGE CA	71	-50	-14	59	53
3	1.3	3	.9	2	.5	PLACER CA	-35	-46	-64	13	45
14	1.1	17	.9	26	.7	RIVERSIDE CA	-17	-19	-33	42	53
23	1.3	26	1.0	32	1.0	SACRAMENTO CA	-16	-5	-21	52	65
1	1.5	1	1.0			SAN BENITO CA	-34				
19	1.0	46	1.7	36	.9	SAN BERNARDINO CA	65	-43	-6	64	63
43	1.2	61	1.1	88	1.2	SAN DIEGO CA	-10	6	-5	64	71
61	1.5	55	1.4	27	.8	SAN FRANCISCO CA	-6	-43	-47	28	56
15	1.7	18	1.4	9	.6	SAN JOAQUIN CA	-16	-59	-65	13	48
3	.7	13*	2.7	5	.5	SAN LUIS OBISPO CA	270	-80	-25	49	46
21	1.3	35	1.5	29	1.0	SAN MATEO CA	14	-31	-22	52	66
7	1.0	20	1.8	12	.8	SANTA BARBARA CA	78	-54	-19	54	59
34	1.7	50	1.3	34	.7	SANTA CLARA CA	-19	-50	-60	18	51
3	.5	3	.4	8	.9	SANTA CRUZ CA	-25	127	69	88	61
3	1.5	3	1.0	3	.6	SHASTA CA	-32	-38	-58	20	49
1	.5	2	1.3	3	1.7	SISKIYOU CA	152	29	225	96	84
7	1.5	2	.3	4	.6	SOLANO CA	-81	100	-62	16	47
11	1.5	15	1.7	11	.8	SONOMA CA	8	-55	-51	25	55
5	.7	8	.9	12	1.0	STANISLAUS CA	27	10	39	81	64
1	.6	5	3.3	2	.9	SUTTER CA	479	-72	62	86	62
1	.8	4	3.4	1	.4	TEHAMA CA	346	-89	-52	24	42

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
4	.5	8	1.0	8	.8	TULARE CA	66	-16	57	85	58
2	3.1			2	1.4	TUOLUMNE CA			-56	22	78
8	1.2	12	.9	10	.5	VENTURA CA	-24	-51	-63	15	44
5	2.6	2	.5	3	.7	YOLO CA	-81	52	-71	08	54
				1	.6	YUBA CA					49
92	1.2	116	1.2	88	.7	COLORADO CO	-2	-41	-42		
3	1.7	5	1.0	9	1.0	ADAMS CO	-44	6	-41	35	66
3*	10.5					BACA CO					
		1	3.5			BENT CO					
1	.3	5	.9	5	.7	BOULDER CO	180	-26	107	92	52
1	2.2	2	5.5	4*	6.5	CHAFFEE CO	154	19	203	96	99
		1*	8.0			CHEYENNE CO					
				1	4.2	CLEAR CREEK CO					97
1*	9.1					CUSTER CO					
		1	.9	1	.7	DELTA CO		-19			53
36	1.3	37	1.2	17	.4	DENVER-ARAPAHOE# CO	-11	-63	-67	11	44
		2*	7.0			DOUGLAS CO					
14*	2.7	14	1.7	9	.8	EL PASO CO	-38	-53	-71	08	56
4*	3.7			1	.3	FREMONT CO			-91	00	41
1	1.3					GARFIELD CO					
				1*	4.0	GRAND CO					97
		1	1.7			HUERFANO CO					
4	.8	9	1.2	14	1.1	JEFFERSON CO	44	-6	35	80	68
1*	10.2					KIOWA CO					
2	2.4					LA PLATA CO					
1	.4	10*	2.8	4	.7	LARIMER CO	642	-75	86	89	52
1	.7	2	2.2	1	.8	LAS ANIMAS CO	222	-63	19	75	58
		1	3.5			LINCOLN CO					
		3	3.1			LOGAN CO					
2	.7	2	.7	2	.6	MESA CO	-8	-12	-19	54	48
		2*	6.2			MOFFAT CO					
				1	1.6	MONTEZUMA CO					82
3*	4.3	1	1.1	2	2.2	MONTROSE CO	-76	111	-48	27	91
1	1.4			2	1.7	MORGAN CO			19	75	83
1*	8.5					PARK CO					
1	1.6					PROWERS CO					
7	1.5	5	.9	9	1.4	PUEBLO CO	-44	62	-9	62	78
		1	4.2			RIO BLANCO CO					
		2	4.1	1	2.2	RIO GRANDE CO		-48			90
		1	4.4			SAGUACHE CO					
				1	3.5	TELLER CO					96
3	.9	6	1.5	3	.6	WELD CO	60	-60	-36	39	47
1	2.8	2	5.1			YUMA CO	85				
188*	1.6	215	1.6	182	1.1	CONNECTICUT CT	-3	-30	-32		
46	1.5	53	1.5	44	1.0	FAIRFIELD CT	-2	-33	-34	41	66
49	1.7	52	1.4	53	1.2	HARTFORD CT	-16	-11	-25	50	74
9	1.5	10	1.4	6	.7	LITCHFIELD CT	-5	-54	-57	20	50
9	2.1	5	.9	4	.5	MIDDLESEX CT	-57	-47	-77	05	45
49	1.5	69*	1.9	43	1.0	NEW HAVEN CT	25	-46	-33	43	67
12	1.4	14	1.4	19*	1.6	NEW LONDON CT	-4	18	14	73	83
2	.9	6	1.5	6	1.3	TOLLAND CT	75	-19	43	82	74
12*	3.3	6	1.7	7	1.3	WINDHAM CT	-48	-23	-60	18	76
22	1.3	25	1.1	18	.6	DELAWARE DE	-15	-42	-51		
		2	.7	3	.6	KENT DE		-13			50
19	1.6	15	.9	13	.7	NEW CASTLE DE	-41	-25	-56	21	52
3	1.0	8	2.2	2	.5	SUSSEX DE	131	-79	-51	25	45
34	1.1	42	2.3	19	1.5	DIST. OF COLUMBIA DC	101	-37	27		
34	1.1	42	2.3	19	1.5	WASHINGTON DC	101	-37	27	78	80
187	1.1	339	1.1	425	.9	FLORIDA FL	0	-19	-19		
2	1.1	3	1.1	4	1.2	ALACHUA FL	1	4	5	69	72
		1	5.7			BAKER FL					
1	.7	1	.3	7	1.8	BAY FL	-55	502	168	95	85
1	2.7					BRADFORD FL					
2	.6	8	1.1	17	1.5	BREVARD FL	89	36	157	94	80
14	1.9	19	.7	48	.9	BROWARD FL	-61	28	-50	25	63
		2*	9.2	1	2.7	CALHOUN FL		-70			94
1	2.4	1	.4	4	.7	CHARLOTTE FL	-83	69	-72	08	51
		3	2.9	1	.8	CITRUS FL		-73			56
1	1.0	1	1.5	1	.6	CLAY FL	45	-61	-43	33	48
		1	.3	9*	2.4	COLLIER FL		646			92
1	1.7	1	1.2			COLUMBIA FL	-27				
35	1.1	71	1.2	98	1.2	DADE FL	9	-3	6	70	72
		1	1.8	1	1.0	DE SOTO FL		-46			65
16	1.2	21	1.2	21	.9	DUVAL FL	-4	-21	-24	50	63
5	1.2	4	.7	6	.7	ESCAMBIA FL	-43	4	-41	35	53
				1	2.8	FRANKLIN FL					94
2	1.8	1	.7	3	2.4	GADSDEN FL	-60	237	34	80	92
				1*	3.7	GLADES FL					97
		4*	6.3	1	.3	HERNANDO FL		-95			41
1	2.5	1	.9	1	.3	HIGHLANDS FL	-62	-65	-87	01	41
27	1.9	30	1.5	24	.9	HILLSBOROUGH FL	-23	-41	-55	22	60
1	1.5	1	2.2			HOLMES FL	39				
		2	.7	1	.3	INDIAN RIVER FL		-55			41
2	1.7					JACKSON FL					
1	.3	1	.2	5	1.4	LAKE FL	-50	729	313	98	78
5	3.5	8	1.7	10	1.2	LEE FL	-51	-31	-66	12	72
1	.9			5	1.3	LEON FL			52	84	77
		1	2.2	2	2.4	LEVY FL		11			92
3	1.2	10	1.6	7	.7	MANATEE FL	35	-55	-39	37	54
3	2.1	3	1.3	2	.5	MARION FL	-36	-65	-77	05	45
1	2.0	2	1.5	1	.8	MARTIN FL	-26	-47	-60	17	57

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COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
1	.9	7*	3.5	3	1.2	MONROE FL	307	-64	46	83	74
		1	2.0	1	1.2	NASSAU FL		-39			72
1	.3	3	.9	5	1.1	OKALOOSA FL	206	28	292	98	70
				1	1.0	OKEECHOBEE FL					64
6	.7	11	.8	19	1.0	ORANGE FL	15	22	40	81	64
		3	3.0	1	.6	OSCEOLA FL		-79			49
9	1.1	25	1.5	23	1.0	PALM BEACH FL	28	-34	-16	57	64
2	2.1	2	1.2	9	1.1	PASCO FL	-43	-5	-46	29	70
19	1.0	41	1.2	40	.7	PINELLAS FL	20	-39	-27	48	53
3	.4	18	1.8	10	.6	POLK FL	310	-65	44	83	49
				3	1.3	PUTNAM FL					86
1	.8	3	1.5	2	.9	ST JOHNS FL	86	-41	10	71	61
4*	4.0			1	.3	ST LUCIE FL			-92	00	41
3	3.0	2	1.6	1	.6	SANTA ROSA FL	-46	-65	-81	03	46
2	.6	3	.6	11	.8	SARASOTA FL	0	22	22	76	56
		1	.4	8	1.5	SEMINOLE FL		325			80
		1	1.8	1	.7	SUMTER FL		-61			52
6	.9	16	1.4	4	.3	VOLUSIA FL	56	-80	-69	10	40
1*	6.5					WAKULLA FL					
2	3.0					WALTON FL					
1	2.6					WASHINGTON FL					
123	1.0	149	1.0	141	.7	GEORGIA GA	-5	-26	-30		
1	2.9	1	1.8			APPLING GA	-37				
		1	.6			BALDWIN GA					
		1	1.4	1	1.0	BARROW GA		-27			65
1	1.0	2	1.4	1	.6	BARTOW GA	39	-56	-39	36	49
11*	2.7	3	.6	6	1.2	BIBB GA	-78	104	-56	22	72
		1	1.2	1	1.1	BULLOCH GA		-9			69
		1	3.3	1	2.6	BURKE GA		-23			93
		3	1.7	2	.7	CARROLL GA		-60			51
		1	.9			CATOOSA GA					
6	1.3	6	1.0	6	.8	CHATHAM GA	-19	-23	-38	38	56
1	.9					CHATTOOGA GA					
2	2.2			1	.3	CHEROKEE GA			-85	02	41
3	1.9	3	1.4	4	1.6	CLARKE GA	-23	12	-14	58	82
2	1.9	2	.9	6	1.5	CLAYTON GA	-53	73	-18	55	81
4	1.1	8	1.1	3	.4	COBB GA	-2	-64	-64	13	43
		1	1.2			COFFEE GA					
2	1.7	1	1.0			COLQUITT GA	-43				
1	4.3	1	1.5	1	1.3	COLUMBIA GA	-65	-14	-70	09	75
		1	2.1	1	1.6	COOK GA		-21			83
		1	.8	2	1.5	COWETA GA		102			81
		1*	10.7			CRAWFORD GA					
1	2.2	1	1.6			CRISP GA	-25				
		1	2.8			DADE GA					
2*	12.6			1*	3.1	DAWSON GA			-75	06	95
6	.6	19	1.4	8	.4	DE KALB GA	159	-69	-20	54	44
2	2.7	1	1.5			DODGE GA	-44				
1	3.3					DOOLY GA					
1	1.4	1	.6	1	.5	DOUGHERTY GA	-60	-5	-62	16	46
				2	1.2	DOUGLAS GA					72
2*	4.7					EARLY GA					
		1	1.9	1	2.0	EFFINGHAM GA		6			89
		1	1.7			ELBERT GA					
1	1.2					FANNIN GA					
1	.4	2	.6	2	.5	FLOYD GA	68	-26	24	76	45
		1	1.1			FORSYTH GA					
1	1.5	1	2.3	2	2.1	FRANKLIN GA	55	-10	39	81	89
20	1.1	16	.8	20	.9	FULTON GA	-24	7	-18	54	61
		1	2.0			GILMER GA					
				3	1.6	GLYNN GA					82
1	1.3			2	1.3	GORDON GA			-1	66	76
		1	1.2			GRADY GA					
1	.7	1	.3	4	1.0	GWINNETT GA	-59	257	48	83	64
2	2.6	1	1.1			HABERSHAM GA	-57				
		3	1.3	1	.3	HALL GA		-80			40
		1*	5.3			HANCOCK GA					
1	3.1					HARRIS GA					
				1	1.1	HART GA					70
		1	3.7			HEARD GA					
1	1.9			1	.8	HENRY GA			-56	21	58
1	2.6	1	.4	2	.7	HOUSTON GA	-84	69	-73	07	52
1	1.1					JACKSON GA					
1	2.1	1	2.4			JEFFERSON GA	18				
		1	3.8	1	3.9	JENKINS GA		2			97
1	3.3					JOHNSON GA					
1	4.2					LAMAR GA					
2	1.8					LAURENS GA					
		1	5.9			LIBERTY GA					
		1	5.3			LINCOLN GA					
		1*	7.9			LONG GA					
3	2.6	3	2.1			LOWNDES GA	-16				
		1	2.5	2*	3.0	MC DUFFIE GA		22			95
1	3.7					MACON GA					
1	2.0	2	3.6			MERIWETHER GA	81				
1	1.7			1	2.2	MITCHELL GA			27	77	90
1	8.3					MONTGOMERY GA					
1	2.7					MORGAN GA					
				1	1.4	MURRAY GA					79
6	1.4	6	1.2	8	1.3	MUSCOGEE#GA	-11	5	-7	63	75
				3	3.1	NEWTON GA					95
		1	3.6			OCONEE GA					
		1	2.9			OGLETHORPE GA					
		1	1.4	1	.8	PAULDING GA		-42			58
1	4.7					PEACH GA					
		1	2.0			PICKENS GA					
				1	2.7	PIKE GA					93
		1	.7			POLK GA					
				2*	3.1	RABUN GA					95

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WHITE FEMALE HODGKIN'S DISEASE ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
										%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
7	2.2	9	1.9	7	1.1	RICHMOND GA	-15	-39	-49	27	71
1	2.6					SCREVEN GA					
1	.8			1	.5	SPALDING GA			-31	44	46
				3*	2.8	STEPHENS GA					94
1	1.8					SUMTER GA					
1*	5.5					TALBOT GA					
		1	1.8	1	1.1	TATTNALL GA		-41			68
		1	5.3			TAYLOR GA					
1	1.9	1	2.2	1	2.9	TELFAIR GA	17	31	54	85	94
1	1.0			1	.8	THOMAS GA			-26	49	55
		2	2.1			TIFT GA					
		6*	3.5	2	1.0	TROUP GA		-71			67
				1	2.0	TURNER GA					88
				1	.6	UPSON GA					47
3	1.8	1	.4	9*	3.3	WALKER GA	-74	635	88	90	96
1	1.4			1	.6	WALTON GA			-56	21	48
		2	1.6	1	.7	WARE GA		-57			51
2	5.1			2*	2.7	WASHINGTON GA			-47	28	93
1	1.6	1	1.4	1	1.2	WAYNE GA	-13	-17	-28	47	72
		1	4.5			WHEELER GA					
2	1.1	6	2.6	1	.5	WHITFIELD GA	128	-82	-58	19	45
				1	2.0	WILCOX GA					89
1	2.8					WILKES GA					
		8	1.2	10	.9	HAWAII HI		-26			
		1	1.2			HAWAII HI					
		7	1.4	8	.9	HONOLULU HI		-35			61
				2	2.8	MAUI#HI					94
26	1.0	46	1.4	21	.5	IDAHO ID	45	-65	-49		
4	1.2	5	1.0	3	.4	ADA ID	-18	-63	-70	09	42
		1*	7.5			ADAMS ID					
1	.5			2	.8	BANNOCK ID			55	85	57
		1	3.5			BEAR LAKE ID					
1	4.0	1	3.9			BENEWAH ID	-2				
3	2.8	2	1.6	1	.5	BINGHAM ID	-42	-67	-81	03	46
		2*	9.0			BLAINE ID					
1	1.6	1	1.1			BONNER ID	-29				
2	1.6	3	1.6	1	.4	BONNEVILLE ID	-3	-77	-78	04	42
1*	24.6					CAMAS ID					
		8	3.0	2	.5	CANYON ID		-82			46
1	1.5	1	1.2			CASSIA ID	-23				
				1*	7.4	CUSTER ID					99
		1	1.0			ELMORE ID					
1	2.4			1	1.7	FRANKLIN ID			-29	46	84
1	3.4	1	1.9	1	1.3	GEM ID	-42	-33	-61	17	76
2	6.0	1	1.9			GOODING ID	-69				
		1	1.7			IDAHO ID					
		1	2.2	1	1.7	JEFFERSON ID		-23			84
1	1.3	1	1.6			JEROME ID	17				
2	1.7	2	1.8	4	1.8	KOOTENAI ID	3	5	7	70	86
1	.9	1	1.1			LATAH ID	23				
		2*	12.5			LINCOLN ID					
				1	.4	MADISON ID					42
		2	1.5	2	1.1	NEZ PERCE ID		-23			71
		1*	5.9			ONEIDA ID					
		2*	7.3			OWYHEE ID					
		1	1.5			PAYETTE ID					
2	2.1	1	1.4			SHOSHONE ID	-35				
1	.6	2	.9	1	.4	TWIN FALLS ID	40	-57	-39	36	42
1	2.2	1	2.8			WASHINGTON ID	28				
634	1.4	669	1.3	552	1.0	ILLINOIS IL	-3	-25	-28		
9	2.2	3	.6	3	.7	ADAMS IL	-74	28	-67	12	53
1	1.5					ALEXANDER IL					
1	1.0	2	2.2			BOND IL	123				
1	1.0	2	1.7	1	.9	BOONE IL	74	-49	-11	61	59
				1	3.0	BROWN IL					95
1	.4	2	1.3			BUREAU IL	235				
		2	1.7	1	.7	CARROLL IL		-58			53
		1	.9	2	2.0	CASS IL		129			89
7	1.5	4	.6	13*	2.0	CHAMPAIGN IL	-58	227	37	81	89
4	1.7	1	.5	3	.9	CHRISTIAN IL	-71	89	-44	31	63
2	1.8					CLARK IL					
		1	.7	2	1.3	CLAY IL		76			75
1	1.1	1	.8			CLINTON IL	-32				
4	1.7	2	.6	1	.2	COLES IL	-64	-65	-87	01	40
339*	1.5	320	1.3	270*	1.1	COOK IL	-11	-16	-26	49	70
		2	2.0	2	1.9	CRAWFORD IL		-4			87
1	2.1			1	1.5	CUMBERLAND IL			-26	48	81
3	1.2	8	2.7	3	1.0	DE KALB IL	138	-63	-12	60	66
		1	.7			DE WITT IL					
2	2.0	2	2.1			DOUGLAS IL	4				
15	1.2	20	1.1	23	.9	DU PAGE IL	-9	-24	-31	44	59
2	1.3			1	.6	EDGAR IL			-53	23	48
		1	2.1	1	3.5	EDWARDS IL		63			96
1	.9	2	1.4	2	1.2	EFFINGHAM IL	61	-13	41	82	74
2	1.6	1	1.0	1	1.3	FAYETTE IL	-36	30	-17	55	75
		1	1.2			FORD IL					
6	2.3	4	1.8	3	.9	FRANKLIN IL	-23	-50	-62	16	60
3	1.2	1	.5	5	1.9	FULTON IL	-61	311	60	86	87
		1	1.9			GALLATIN IL					
3	2.3	3	2.3			GREENE IL	0				
2	1.9	1	.8			GRUNDY IL	-61				
2	2.5			1	1.8	HAMILTON IL			-30	46	85
3	2.2	1	.8	4*	1.9	HANCOCK IL	-63	128	-15	58	87
				1	4.6	HARDIN IL					98
1	2.4					HENDERSON IL					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED # COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE HODGKIN'S DISEASE ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
6	2.2	4	1.3	3	.7	HENRY	IL	-42	-46	-69	10	51
4	2.0	2	1.4	3	1.9	IROQUOIS	IL	-31	34	-7	63	87
3	1.5	5	2.4	2	.6	JACKSON	IL	63	-76	-60	17	48
1	1.2	2	2.1			JASPER	IL	72				
3	1.4	1	.4	1	.3	JEFFERSON	IL	-71	-20	-77	05	41
		1	1.1			JERSEY	IL					
1	1.3	3	3.0	1	.9	JO DAVIESS	IL	132	-71	-33	42	59
1	2.3	1	5.2	1	2.5	JOHNSON	IL	126	-53	7	70	92
7	.8	15	1.3	5	.4	KANE	IL	60	-70	-52	24	42
4	1.0	5	1.1	7	1.5	KANKAKEE	IL	9	42	54	85	81
		1	1.3	2	1.6	KENDALL	IL		24			82
3	.9	6	1.6	5	1.3	KNOX	IL	82	-18	49	83	76
13	1.2	22	1.6	11	.6	LAKE	IL	28	-63	-53	23	48
10	1.8	8	1.2	7	1.2	LA SALLE	IL	-31	0	-31	44	73
2	2.0	4*	4.7	1	.4	LAWRENCE	IL	141	-91	-79	04	43
1	.5					LEE	IL					
5	2.0	2	1.0	4	1.7	LIVINGSTON	IL	-50	68	-16	56	84
4	2.4	2	1.2	1	.6	LOGAN	IL	-51	-51	-76	05	47
4	2.4	4	2.2	2	.8	MC DONOUGH	IL	-12	-61	-65	12	59
3	.8	11	2.3	9	1.4	MC HENRY	IL	181	-39	71	88	78
12*	2.8	9	1.7	11*	1.8	MC LEAN	IL	-39	2	-37	38	85
6	1.0	6	1.0	4	.6	MACON	IL	-2	-39	-41	35	49
2	.6	3	1.4	2	.7	MACOUPIN	IL	136	-46	28	78	54
9	.9	12	1.0	10	.8	MADISON	IL	13	-24	-15	58	55
3	1.4	5	2.5	6*	2.0	MARION	IL	87	-22	45	83	88
3*	3.8	3*	2.9			MARSHALL	IL	-24				
		1	.7	1	1.2	MASON	IL		62			73
1	1.4	1	1.2	2	2.0	MASSAC	IL	-16	62	37	81	88
		3	3.5			MERCER	IL					
1	.6	4	2.6			MONTGOMERY	IL	325				
1	.4	2	1.1	3	.9	MORGAN	IL	138	-15	102	92	61
		1	1.9			MOULTRIE	IL					
1	.6	1	.5	3	1.1	OGLE	IL	-13	121	93	91	68
14	1.5	21*	2.0	9	.8	PEORIA	IL	37	-61	-47	28	56
3	3.7	3	2.4	3	1.8	PERRY	IL	-35	-23	-50	25	86
		1	1.0	3*	3.1	PIATT	IL		225			95
2	1.8					PIKE	IL					
		1	2.2			PULASKI	IL					
		1	3.4			PUTNAM	IL					
		1	.7	2	.9	RANDOLPH	IL		25			61
2	2.1	3	2.8	2	2.2	RICHLAND	IL	31	-21	4	69	90
9	1.2	11	1.4	2	.2	ROCK ISLAND	IL	22	-85	-82	02	40
7	.7	12	1.0	17	1.4	ST CLAIR	IL	51	37	107	92	79
2	1.1	1	.6	2	.7	SALINE	IL	-48	30	-33	42	53
13	1.6	6	.7	4	.4	SANGAMON	IL	-60	-39	-75	06	43
1	2.3	3*	5.1			SCHUYLER	IL	123				
1	4.5					SCOTT	IL					
1	.9	2	1.4			SHELBY	IL	58				
		1	2.4	1	3.8	STARK	IL		56			97
2	.7	5	1.7	3	1.0	STEPHENSON	IL	151	-43	43	83	65
2	.5	11	2.2	5	.7	TAZEWELL	IL	304	-66	38	81	54
2	1.3			1	1.4	UNION	IL			3	68	78
5	1.2	7	1.5	1	.2	VERMILION	IL	27	-84	-80	04	40
3*	4.0	2	2.9			WABASH	IL	-27				
1	.9	2	1.9	3	1.4	WARREN	IL	113	-30	49	84	77
1	1.1			1	.6	WASHINGTON	IL			-46	29	48
1	.8			1	.8	WAYNE	IL			5	69	59
1	.8			1	1.1	WHITE	IL			36	80	68
5	1.8	5	1.6	4	1.2	WHITESIDE	IL	-14	-24	-35	41	73
8	1.0	11	1.2	17	1.3	WILL	IL	20	12	35	80	77
5	1.7	4	1.3	2	.9	WILLIAMSON	IL	-22	-36	-50	25	59
8	.9	13	1.2	15	1.2	WINNEBAGO	IL	26	2	29	78	73
5*	4.2	2	1.3	1	.5	WOODFORD	IL	-68	-59	-87	01	46
242	1.1	334	1.4	270	1.0	INDIANA	IN	22	-28	-12		
2	1.7	2	1.5	1	.8	ADAMS	IN	-14	-49	-56	21	55
9	.9	14	1.2	15	1.1	ALLEN	IN	34	-8	24	76	69
1	.4	4	1.7			BARTHOLOMEW	IN	314				
				2	1.9	BENTON	IN					86
				1	1.3	BLACKFORD	IN					76
1	1.0	1	.4	4	2.3	BOONE	IN	-56	419	127	93	91
1	1.0	1	1.1	2	1.9	CARROLL	IN	2	83	86	90	87
3	1.2	2	.8	5	2.0	CASS	IN	-38	156	59	86	88
1	.5	1	.3	6	1.5	CLARK	IN	-35	395	222	96	81
2	1.4	1	.6	1	.5	CLAY	IN	-57	-16	-64	13	46
4	2.2	5	2.6	3	1.1	CLINTON	IN	19	-58	-49	26	70
2	3.3	1	1.7			CRAWFORD	IN	-48				
2	1.7	2	1.3			DAVIESS	IN	-23				
		1	.6			DEARBORN	IN					
1	.8	1	1.0	1	1.0	DECATUR	IN	29	4	34	80	66
3	2.0	1	.8	1	.6	DE KALB	IN	-63	-21	-71	09	49
5	1.0	5	.9	5	.8	DELAWARE	IN	-9	-12	-20	53	58
		2	1.4			DUBOIS	IN					
2	.5	14*	2.4	5	.7	ELKHART	IN	426	-69	61	86	53
		3	2.2			FAYETTE	IN					
3	1.2	5	1.8	4	1.3	FLOYD	IN	58	-31	9	71	75
2	2.2	2	1.9			FOUNTAIN	IN	-16				
1	1.3			2	1.7	FRANKLIN	IN			32	79	85
2	1.7			2	1.3	FULTON	IN			-24	50	74
		1	.5	1	.6	GIBSON	IN		20			50
6	2.0	5	1.2	4	.9	GRANT	IN	-41	-19	-52	24	63
1	.7	1	.5	2	1.3	GREENE	IN	-32	173	86	90	76
2	.9	4	1.5	2	.9	HAMILTON	IN	64	-44	-8	62	59
				1	.6	HANCOCK	IN					48
1	1.8	3	2.8	1	.7	HARRISON	IN	61	-75	-60	18	52
2	1.6	3	1.4	2	.7	HENDRICKS	IN	-11	-55	-60	18	50
3	1.3	2	.8	2	.7	HENRY	IN	-34	-18	-46	28	51
1	.4	6	1.6	3	.7	HOWARD	IN	355	-55	104	92	53
4	1.6	2	1.0	4	1.7	HUNTINGTON	IN	-39	65	2	68	83
2	1.2	2	1.2	3	1.5	JACKSON	IN	-2	23	21	75	80

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	1.2	1	1.3	1	.8	JASPER IN	2	-38	-37	38	55
		4	3.3	2	1.6	JAY IN		-51			83
3	2.4	1	.7	1	.7	JEFFERSON IN	-69	-8	-71	08	51
		3	3.4			JENNINGS IN					
1	.5	3	1.4	6	2.0	JOHNSON IN	203	40	325	98	88
2	.9	7*	3.1	1	.3	KNOX IN	242	-90	-67	11	41
3	1.4	5	2.0	4	1.4	KOSCIUSKO IN	39	-28	1	67	79
				1	.9	LAGRANGE IN					62
27	1.8	27	1.4	19	.9	LAKE IN	-26	-32	-50	25	62
3	.7	6	1.3	9	1.7	LA PORTE IN	81	33	141	94	84
4	2.2	3	1.3	2	.8	LAWRENCE IN	-41	-38	-64	14	56
9	1.5	4	.6	7	1.0	MADISON IN	-58	54	-35	40	65
30	1.0	57	1.7	39	1.1	MARION IN	73	-37	10	71	69
3	1.9	4	2.2	2	1.0	MARSHALL IN	18	-56	-48	28	64
		3*	5.6			MARTIN IN					
4	2.0	2	.9	2	1.0	MIAMI IN	-55	8	-51	24	65
2	.8	3	.9	4	1.0	MONROE IN	13	11	25	77	67
2	1.1	4	2.2	2	.8	MONTGOMERY IN	93	-63	-29	47	57
		2	1.3	3	1.2	MORGAN IN		-13			72
		1	1.8	1	1.8	NEWTON IN		2			86
2	1.4			3	1.8	NOBLE IN			27	77	86
1	4.6					OHIO IN					
2	2.1	1	.8	1	.9	ORANGE IN	-61	6	-59	19	59
		1	1.8	2	2.4	OWEN IN		33			92
1	1.1	2	2.4			PARKE IN	122				
1	1.3			1	1.0	PERRY IN			-24	51	66
1	1.8	1	1.0	1	.8	PIKE IN	-46	-16	-54	22	58
4	1.7	5	1.6	2	.4	PORTER IN	-4	-74	-75	06	43
		1	.6	4*	3.5	POSEY IN		466			96
3*	4.9	1	1.6	1	.6	PULASKI IN	-67	-61	-87	01	49
2	1.7	2	1.9			PUTNAM IN	8				
2	1.1	2	1.3			RANDOLPH IN	19				
1	.8	2	1.9			RIPLEY IN	146				
2	1.9	3	3.2	2	2.3	RUSH IN	65	-27	20	75	91
13	1.2	23	1.8	13	1.0	ST JOSEPH IN	53	-47	-20	54	64
1	1.6	1	1.2	3*	3.5	SCOTT IN	-21	186	125	93	96
3	1.7	3	1.7	1	.6	SHELBY IN	2	-68	-67	11	47
		2	2.2			SPENCER IN					
2	2.6	1	1.1			STARKE IN	-56				
1	1.2			3	2.6	STEUBEN IN			116	93	93
2	1.4	1	.5	1	1.1	SULLIVAN IN	-66	133	-21	53	69
1	2.8	2*	4.5	1	3.8	SWITZERLAND IN	63	-17	36	80	97
5	1.2	5	1.0	9	1.9	TIPPECANOE IN	-19	91	54	85	87
1	1.2	2	2.0	2	2.3	TIPTON IN	63	15	88	90	91
7	.8	14	1.5	7	.8	VANDERBURGH IN	94	-47	3	68	57
1	.7	1	1.4	2	1.6	VERMILLION IN	88	11	110	92	81
6	1.0	7	1.2	6	.9	VIGO IN	20	-21	-5	64	62
2	1.2	2	1.3			WABASH IN	9				
				1	2.3	WARREN IN					91
4*	3.7	3	2.2	1	.7	WARRICK IN	-39	-69	-81	03	52
1	.9			4*	3.6	WASHINGTON IN			297	98	96
4	1.1	5	1.2	5	1.1	WAYNE IN	13	-10	1	67	69
2	1.8	3	2.3	1	.6	WELLS IN	25	-74	-67	11	48
1	.9			1	.5	WHITE IN			-41	34	45
		1	1.1	1	.7	WHITLEY IN		-35			54
187	1.3	216	1.4	177	1.1	IOWA IA	8	-25	-19		
1	1.4	1	1.3			ADAIR IA	-9				
				1	1.6	ADAMS IA					83
2	2.4					ALLAMAKEE IA					
2	2.1	1	.5			APPANOOSE IA	-75				
				1	.8	AUDUBON IA					57
1	.8	3	2.2			BENTON IA	181				
2	.4	8	1.3	13*	1.8	BLACK HAWK IA	259	33	376	99	85
1	.7	2	1.1	2	1.2	BOONE IA	60	6	70	88	71
		1	.6			BREMER IA					
1	.8			2	2.0	BUCHANAN IA			154	94	89
2	1.8	3	3.1			BUENA VISTA IA	72				
2	2.0	4*	4.4			BUTLER IA	113				
1	1.2	2	1.7	1	1.1	CALHOUN IA	44	-34	-5	64	69
		2	1.4	1	1.0	CARROLL IA		-31			64
1	.7	2	1.4	2	1.2	CASS IA	97	-12	73	88	73
1	1.1	1	.7			CEDAR IA	-38				
1	.4			5	2.0	CERRO GORDO IA			399	99	89
2	1.7	1	.7	1	.6	CHEROKEE IA	-58	-22	-67	11	46
2	2.8	1	.8			CHICKASAW IA	-70				
1	3.0	2	4.0			CLARKE IA	35				
		1	1.0	1	.8	CLAY IA		-19			57
		3	2.0			CLAYTON IA					
3	1.1	6	2.0	4	1.4	CLINTON IA	83	-32	25	77	77
1	.9	3	2.4	1	.7	CRAWFORD IA	156	-73	-30	46	51
2	1.5	2	.9	3	1.6	DALLAS IA	-38	70	6	69	82
1	1.5	1	1.9			DAVIS IA	25				
2	2.1	1	1.1	1	1.1	DECATUR IA	-49	-1	-49	26	68
		2	2.3	2	2.7	DELAWARE IA		20			94
11*	4.6	3	1.1	7*	2.4	DES MOINES IA	-75	116	-47	28	92
2	3.0	3*	3.9			DICKINSON IA	32				
7	1.6	5	1.2	5	1.1	DUBUQUE IA	-27	-8	-32	43	69
		1	1.0			EMMET IA					
1	.6	5*	3.1	3	2.1	FAYETTE IA	388	-33	225	97	89
2	1.8	2	1.6	2	1.2	FLOYD IA	-8	-26	-32	43	73
2	2.3					FRANKLIN IA					
4*	6.2	1	2.6			FREMONT IA	-59				
4*	5.3			1	2.1	GREENE IA			-59	18	90
1	1.3					GRUNDY IA					
2	1.8	2	1.6			HAMILTON IA	-6				
2	3.2	2	2.3	1	.4	HANCOCK IA	-29	-82	-88	01	43
2	1.5			3	1.3	HARDIN IA			-15	58	76
3	2.4					HARRISON IA					
1	1.1			3	2.8	HENRY IA			161	94	94

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE HODGKIN'S DISEASE ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				1	1.2	HOWARD IA					74
2	3.0	2	2.5			HUMBOLDT IA	-17				
		1	1.2			IDA IA					
2	2.4					IOWA IA					
				2	1.6	JACKSON IA					83
2	1.1	1	.4	4	2.2	JASPER IA	-68	518	95	91	90
		1	1.1			JEFFERSON IA					
1	.4	3	1.2	2	.6	JOHNSON IA	172	-52	30	78	46
1	1.1					JONES IA					
1	.8	1	1.8	2	1.4	KEOKUK IA	130	-21	82	89	79
5*	4.5	1	.8	3	1.8	KOSSUTH IA	-81	118	-59	19	86
		4	1.5	4	1.5	LEE IA		-1			80
4	.6	10	1.3	7	.8	LINN IA	99	-36	27	77	57
2	4.5			1	1.1	LOUISA IA			-75	06	69
				1	1.1	LUCAS IA					69
3*	4.4			1	1.1	LYON IA			-75	06	69
1	1.4	1	2.2	2	1.6	MADISON IA	53	-29	9	71	81
6*	4.0	2	1.2	2	1.4	MAHASKA IA	-69	13	-65	13	78
1	.8	1	.7			MARION IA	-8				
4	2.0	2	1.2			MARSHALL IA	-42				
2	3.0	1	1.9	1	.7	MITCHELL IA	-37	-61	-76	06	54
1	1.2			1	.8	MONONA IA			-33	42	58
1	1.2	1	2.0			MONROE IA	59				
1	.8	1	.9	4*	5.1	MONTGOMERY IA	17	470	567	99	98
3	1.7	5	2.7	3	1.4	MUSCATINE IA	59	-48	-17	55	78
2	1.7	2	1.2	3	1.9	O'BRIEN IA	-29	53	9	71	87
1	2.1					OSCEOLA IA					
		1	.8	1	.3	PAGE IA		-58			41
		2	2.5	1	.6	PALO ALTO IA		-77			48
		2	2.0	1	.9	PLYMOUTH IA		-53			63
		1	1.2	2	2.1	POCAHONTAS IA		66			89
20	1.5	28	2.0	16	1.0	POLK IA	29	-49	-34	41	66
7	1.8	8	1.8	8	1.6	POTTAWATTAMIE IA	2	-9	-7	63	83
		3	3.3			POWESHIEK IA					
1	1.5			2*	2.3	RINGGOLD IA			52	84	91
1	1.0	1	.9	2	2.7	SAC IA	-11	213	160	95	93
5	.9	13	2.0	8	1.1	SCOTT IA	116	-48	12	72	67
1	1.3	1	1.1	1	1.4	SHELBY IA	-12	21	6	70	77
2	1.6	2	1.3	2	1.5	SIOUX IA	-17	16	-4	65	60
3	1.3	6	2.5	2	.7	STORY IA	93	-73	-49	26	51
2	1.7			2	1.6	TAMA IA			-10	61	81
		1	1.1			TAYLOR IA					
1	1.4			2	1.4	UNION IA			-1	66	77
1	1.2	1	1.9			VAN BUREN IA	53				
6	2.4	3	1.0	3	1.4	WAPELLO IA	-59	35	-45	30	77
2	2.3					WARREN IA					
2	1.4	3	2.5	3	2.2	WASHINGTON IA	76	-11	56	85	91
1	1.3	1	2.1			WAYNE IA	66				
3	1.2	5	1.7	3	1.2	WEBSTER IA	44	-29	3	68	73
1	.8	2	1.4	1	.7	WINNESHIEK IA	73	-49	-12	60	53
3	.5	13	2.4	5	.9	WOODBURY IA	356	-61	76	89	63
1	1.7	1	1.6			WORTH IA	0				
2	2.1	1	.8	2	1.4	WRIGHT IA	-63	89	-30	45	79
135	1.3	151	1.3	106	.6	KANSAS KS	4	-38	-35		
1	1.4					ALLEN KS					
		3*	4.8			ANDERSON KS					
2	2.2	1	1.3			ATCHISON KS	-42				
1	2.1					BARBER KS					
1	.7	3	2.1	4	2.3	BARTON KS	181	13	216	96	91
2	1.7	1	1.3	1	.7	BOURBON KS	-18	-48	-58	20	52
1	.8	2	1.4			BROWN KS	65				
		1	.6	1	.4	BUTLER KS		-29			44
1	2.7					CHASE KS					
		2*	4.6			CHAUTAUQUA KS					
1	.8	4	2.5	3	2.4	CHEROKEE KS	235	-5	219	96	92
				1	6.0	CHEYENNE KS					99
1	5.2	1	16.1			CLARK KS	211				
1	1.2	1	.7			CLAY KS	-41				
1	.8	3	4.0			CLOUD KS	399				
1	1.2					COFFEY KS					
2	.9	5	2.4			COWLEY KS	180				
3	1.6	5	1.8	3	.7	CRAWFORD KS	12	-64	-59	19	50
		1	4.9	1	1.9	DECATUR KS		-62			87
3	1.9	1	.5	1	1.0	DICKINSON KS	-73	98	-46	29	67
4	2.0	5	2.4	2	.9	DOUGLAS KS	21	-62	-53	23	62
1	1.5	2*	5.7			ELK KS	284				
		1	1.0	1	.9	ELLIS KS		-10			63
1	2.1			1	2.3	ELLSWORTH KS			11	72	91
2	3.2	1	1.4	2	1.7	FINNEY KS	-55	16	-48	27	83
1	.8	1	.9	1	.8	FORD KS	15	-15	-2	66	56
				1	1.0	FRANKLIN KS					67
		1	1.2			GEARY KS					
		2*	7.2	1	4.3	GRANT KS		-40			98
				1	2.9	GRAY KS					94
		1	1.4	1	.8	GREENWOOD KS		-43			56
				1*	5.6	HAMILTON KS					99
2	2.5			1	1.1	HARPER KS			-56	21	68
2	1.7			1	.7	HARVEY KS			-59	19	52
		1*	8.5			HODGEMAN KS					
2	2.0					JEFFERSON KS					
2	3.8					JEWELL KS					
3	.6	11	1.3	16	1.4	JOHNSON KS	73	3	78	89	77
1*	7.5					KEARNY KS					
		1	2.8			KIOWA KS					
3	1.4	3	1.5	1	.4	LABETTE KS	3	-71	-70	09	44
4	2.2	2	.9	1	.4	LEAVENWORTH KS	-60	-53	-81	03	44
				2*	5.7	LINCOLN KS					99
2	2.5	1	3.0	1	1.2	LINN KS	22	-61	-52	23	72
1	.8	4	2.1	1	.6	LYON KS	173	-70	-18	55	49

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE HODGKIN'S DISEASE ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	1.3	1	.5	3	2.1	MC PHERSON KS	-63	333	61	86	90
1	.7					MARSHALL KS					
1	3.6					MEADE KS					
1	.8					MIAMI KS					
3*	3.7			2*	2.5	MITCHELL KS			-33	41	92
4	1.6	3	1.8	2	.6	MONTGOMERY KS	10	-69	-66	12	46
1	2.5	1	2.3			MORRIS KS	-9				
1	1.5	1	.7	1	2.0	NEMAHA KS	-55	212	40	82	89
		1	.6	1	.8	NEOSHO KS		35			55
				1	2.2	NESS KS					91
1	1.6	2	3.6			NORTON KS	120				
1	.9	1	.7	1	1.6	OSAGE KS	-23	129	75	88	81
3*	4.5					OSBORNE KS					
		2*	7.1			OTTAWA KS					
1	1.1	1	1.1			PAWNEE KS	1				
1	1.7	1	1.6	1	2.1	POTTAWATOMIE KS	-6	36	28	78	90
		1	1.0			PRATT KS					
1	3.4					RAWLINS KS					
3	1.2	3	.8			RENO KS	-32				
2	4.3					REPUBLIC KS					
1	1.2	4*	7.4			RICE KS	531				
1	.9			2	1.0	RILEY KS			11	72	64
1	1.9					ROOKS KS					
2	3.7			1	1.3	RUSSELL KS			-66	12	75
4	1.9	2	.8	3	.9	SALINE KS	-57	2	-56	21	59
12	1.0	19	1.2	18	1.0	SEDGWICK KS	15	-14	-1	66	67
8	1.3	16	2.1	2	.2	SHAWNEE KS	60	-91	-85	01	40
1	3.2	1	2.1			SHERMAN KS	-35				
		1	2.8			SMITH KS					
3*	6.5	1	1.9	3*	5.4	STAFFORD KS	-70	183	-16	57	98
3	2.6	2	1.3	3	1.4	SUMNER KS	-50	9	-45	30	79
1	3.0					THOMAS KS					
1	4.1					TREGO KS					
1	2.2	2*	3.1			WABAUNSEE KS	43				
		1	1.3			WASHINGTON KS					
3	2.7	1	.8	1	.5	WILSON KS	-72	-34	-81	03	45
		2*	6.8			WOODSON KS					
13	1.8	10	1.3	10	1.2	WYANDOTTE KS	-25	-12	-35	41	71
185	1.4	180	1.2	168	.9	KENTUCKY KY	-14	-22	-32		
2	2.8	1	1.2	1	1.0	ADAIR KY	-56	-16	-63	15	66
3*	4.3	1	1.2			ALLEN KY	-71				
1	2.1					ANDERSON KY					
				3*	5.8	BALLARD KY					99
		2	1.5	1	.6	BARREN KY		-63			47
				1	1.6	BATH KY					82
1	.6	3	1.9	1	.6	BELL KY	236	-70	1	67	47
				1	.5	BOONE KY					46
2	2.5	2	2.4	1	.6	BOURBON KY	-2	-75	-76	06	48
2	1.0	3	1.1	2	.7	BOYD KY	11	-37	-30	45	52
		1	1.1	4*	3.0	BOYLE KY		170			95
				1	1.6	BRACKEN KY					81
				1	1.3	BREATHITT KY					76
2	3.2	1	.9	1	1.4	BRECKINRIDGE KY	-72	53	-56	20	78
		1	1.3			BULLITT KY					
1	1.6	3*	4.1			CALDWELL KY	154				
3	3.1	5*	3.7	1	.5	CALLOWAY KY	19	-85	-83	02	46
14*	3.2	3	.7	10*	2.0	CAMPBELL KY	-79	199	-38	37	88
1	2.2					CARROLL KY					
1	.8					CARTER KY					
		1	.5	2	.8	CHRISTIAN KY		78			59
2	2.2	3	2.8	3	2.4	CLARK KY	30	-14	12	72	92
1	1.4	2	2.6			CLAY KY	84				
1	2.0	1	2.1	1	1.8	CLINTON KY	9	-16	-9	62	85
		1	1.2			CRITTENDEN KY					
1	2.5	2*	4.7			CUMBERLAND KY	84				
2	.7	4	1.0	3	.6	DAVIESS KY	36	-34	-10	61	50
1	2.4					EDMONSON KY					
3*	4.6	1	1.4			ESTILL KY	-70				
6	1.3	9	1.3	13	1.6	FAYETTE KY	2	22	25	77	82
2	2.8	2	3.3			FLEMING KY	16				
1	.4					FLOYD KY					
1	.7	3	1.7	3	1.5	FRANKLIN KY	129	-9	108	92	81
		1	4.5			GALLATIN KY					
1	2.1			1	1.7	GARRARD KY			-21	53	84
		1	1.5	1	1.3	GRANT KY		-14			76
2	1.4			3	1.1	GRAVES KY			-26	49	68
		1	.9			GRAYSON KY					
		2	3.5			GREEN KY					
4*	3.1	3	2.0	2	1.2	GREENUP KY	-34	-41	-61	17	72
5	3.3	5	2.4			HARDIN KY	-27				
1	.3	1	.4	1	.5	HARLAN KY	59	19	89	90	46
1	1.5			1	.8	HARRISON KY			-44	31	57
1	1.5	1	1.3	4*	4.8	HART KY	-9	261	230	97	98
3	1.9	1	.6	5*	2.1	HENDERSON KY	-70	283	15	74	90
1	2.6	1	2.5	1	2.0	HICKMAN KY	-4	-18	-21	52	69
1	.5	3	1.7	3	1.1	HOPKINS KY	250	-35	128	93	70
				1	1.9	JACKSON KY					87
58*	2.4	41	1.4	40	1.2	JEFFERSON KY	-41	-17	-51	25	71
				2	1.8	JESSAMINE KY					86
1	.8					JOHNSON KY					
8	1.3	10	1.6	3	.4	KENTON KY	27	-74	-68	11	43
				1	1.1	KNOTT KY					69
1	.7			1	.6	KNOX KY			-24	50	47
1	1.1	1	.7			LAUREL KY	-39				
				1	2.2	LAWRENCE KY					90
		1	2.3			LESLIE KY					
1	.8	2	1.5	1	.9	LETCHER KY	81	-41	6	70	59
1	2.0			2	3.0	LEWIS KY			51	84	95
1	3.0	1	2.8			LIVINGSTON KY	-8				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	PATES 1970S
1	1.0	2	1.9	1	.6	LOGAN KY	86	-67	-38	37	49
1	3.8					LYON KY					
5	1.8	3	1.1			MC CRACKEN KY	-39				
2	3.8	1	1.6	1	1.4	MC CREARY KY	-58	-11	-62	16	79
		1	1.7	1	1.9	MC LEAN KY		13			87
3	1.8			3	1.3	MADISON KY			-27	47	77
		1	1.8	1	1.5	MAGOFFIN KY		-19			80
2	3.2	2	2.7			MARION KY	-15				
3*	3.8	1	1.3	1	1.0	MARSHALL KY	-67	-23	-75	07	64
1	1.2					MASON KY					
		1	1.5	1	1.6	MEADE KY		5			82
		2	2.3	1	1.2	MERCER KY		-50			72
1	2.0					METCALFE KY					
1	2.0			1	1.1	MONROE KY			-42	33	71
		2	2.5	1	1.0	MONTGOMERY KY		-61			64
		1	1.7			MORGAN KY					
1	.7			2	.9	MUHLENBERG KY			31	79	63
		1	1.0	2	1.3	NELSON KY		29			76
2	2.1	1	.7			OHIO KY	-66				
		1	2.1	2	3.0	OLDHAM KY		48			95
1	3.2			1	3.8	OWSLEY KY			19	74	97
1	2.1					PENDLETON KY					
1	1.1	3	2.2	2	1.5	PERRY KY	95	-33	31	79	80
		5	1.8	1	.2	PIKE KY		-88			40
		2*	5.1			POWELL KY					
		2	.9			PULASKI KY					
1	1.8			1	1.0	ROCKCASTLE KY			-45	30	65
		1	2.0	1	1.1	RUSSELL KY		-45			69
		1	1.1	1	1.0	SCOTT KY		-13			65
		1	1.0	2	1.2	SHELBY KY		20			74
2	3.5	1	1.6			SIMPSON KY	-55				
1	1.4	3	3.8	1	.9	TAYLOR KY	173	-76	-34	41	62
		1	1.8	1	1.2	TODD KY		-31			74
		3*	10.6	1	3.4	TRIMBLE KY		-68			96
1	1.4					UNION KY					
3	1.4	1	.4	1	.3	WARREN KY	-73	-24	-80	04	40
2	3.7			1	1.8	WASHINGTON KY			-51	25	86
1	1.4	1	1.1	3*	3.9	WAYNE KY	-17	240	182	95	97
1	1.1	1	.8	3*	4.8	WEBSTER KY	-29	538	350	98	98
		1	.8			WHITLEY KY					
				1	2.8	WOLFE KY					94
1	2.6	2	3.7	1	1.5	WOODFORD KY	43	-59	-41	34	80
122	1.3	158	1.3	141	1.0	LOUISIANA LA	3	-28	-26		
1	.7	2	.9			ACADIA LA	27				
1	1.6					ALLEN LA					
1	1.0	3	2.6	2	1.6	ASCENSION LA	162	-38	62	86	82
1	2.2	1	2.1	1	1.3	ASSUMPTION LA	-4	-40	-42	33	75
2	1.6	2	1.1	1	.7	AVOYELLES LA	-31	-31	-52	24	54
		2	2.3	1	.9	BEAUREGARD LA		-59			62
1	1.6			2*	4.1	BIENVILLE LA			148	94	97
2	2.5	1	.3	3	2.1	BOSSIER LA	-87	536	-17	55	90
10	1.7	7	.9	6	.6	CADDO LA	-46	-31	-63	15	50
5	1.2	6	1.2	6	1.0	CALCASIEU LA	-2	-16	-17	56	64
		1	2.0	1	1.7	CALDWELL LA		-18			83
		1	3.2			CAMERON LA					
				1	1.8	CATAHOULA LA					85
		4*	6.4			CLAIBORNE LA					
2	4.0			1	1.5	DE SOTO LA			-62	16	80
5	1.3	12	1.8	13	1.2	EAST BATON ROUGE LA	39	-30	-2	66	74
1	1.3	1	.7	1	.5	EVANGELINE LA	-46	-29	-62	16	45
1	.7	3	3.2	1	.8	FRANKLIN LA	326	-74	10	72	58
1	.5	2	1.0	4	1.9	IBERIA LA	116	79	287	98	87
		1	1.4			IBERVILLE LA					
6	1.3	10	.9	12	.8	JEFFERSON LA	-33	-10	-39	36	58
1	1.2	2	1.7	2	1.8	JEFFERSON DAVIS LA	42	2	45	83	85
		10*	3.1	6	1.2	LAFAYETTE LA		-61			72
3	2.1	3	1.3	3	1.1	LAFOURCHE LA	-39	-16	-48	27	68
1	1.8	3*	5.2	4*	5.0	LA SALLE LA	186	-3	176	95	98
		2	2.5			LINCOLN LA					
		1	.6	3	1.7	LIVINGSTON LA		178			85
				1	.8	MOREHOUSE LA					57
1	1.0			3	1.9	NATCHITOCHES LA			92	90	88
42	1.9	39	1.7	28	1.2	ORLEANS LA	-9	-29	-35	40	73
3	1.1	4	1.1	1	.2	OUACHITA LA	3	-84	-83	02	40
				2	2.4	PLAQUEMINES LA					92
1	2.3	2	4.2			POINTE COUPEE LA	81				
4	1.3	7	1.8	2	.4	RAPIDES LA	41	-80	-71	08	42
		1	2.7			RED RIVER LA					
		2	2.7	3*	2.8	RICHLAND LA		2			94
1	2.1	1	1.0			SABINE LA	-50				
3*	3.4	1	1.1	5	2.1	ST BERNARD LA	-67	85	-39	36	89
3*	5.5	1	1.5			ST CHARLES LA	-72				
1	2.7	2	4.3			ST JAMES LA	60				
				3*	4.1	ST JOHN THE BAPT LA					97
2	1.0	5	2.2	1	.4	ST LANDRY LA	115	-84	-65	13	42
		1	1.0			ST MARTIN LA					
1	1.0			1	.5	ST MARY LA			-48	27	45
2	1.7	1	.5	3	.9	ST TAMMANY LA	-68	65	-47	28	61
2	1.1			4	1.4	TANGIPAHOA LA			29	78	78
2	1.1	3	1.5	1	.3	TERREBONNE LA	35	-80	-73	07	41
1	1.4	1	1.4			UNION LA	2				
		3	1.7	2	.9	VERMILION LA		-47			61
2	2.3			1	.8	VERNON LA			-65	13	58
1	.9	1	.6	2	.9	WASHINGTON LA	-30	45	2	68	62
4*	3.0			3	2.2	WEBSTER LA			-25	49	91
		2*	6.9	1	1.4	WEST BATON ROUGE LA		-80			78
1	1.8	1	2.6			WEST CARROLL LA	44				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE 1950-1959		1960-1969		1970-1979		HODGKIN'S DISEASE COUNTY AND STATE	PERCENT CHANGE			ICD 201 PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
91*	1.8	110*	2.0	76	1.2	MAINE ME	9	-38	-33		
10	2.1	11	2.2	14*	2.6	ANDROSCOGGIN ME	4	18	23	76	93
6	1.5	1	.2	1	.2	AROOSTOOK ME	-85	5	-84	02	40
21*	2.1	22*	2.0	15	1.2	CUMBERLAND ME	-4	-39	-42	34	73
1	.9	2	1.8	2	1.4	FRANKLIN ME	101	-26	49	84	78
4	2.1	6*	3.0	5	2.5	HANCOCK ME	41	-15	20	75	93
9	2.1	9	1.7	9	1.5	KENNEBEC ME	-19	-12	-29	46	80
3	1.7	4	1.8	2	.9	KNOX ME	5	-48	-46	29	62
1	.7	8*	5.0	2	1.2	LINCOLN ME	638	-77	73	88	72
2	1.0	7*	2.8	3	1.1	OXFORD ME	170	-59	10	71	70
13	2.2	13	2.2	5	.7	PENOBSCOT ME	-2	-70	-71	09	50
2	1.8	2	2.0			PISCATAQUIS ME	15				
1	.7	6*	4.9	2	1.5	SAGADAHOC ME	573	-70	104	92	80
5	2.7			5	2.2	SOMERSET ME			-19	54	90
1	.9	2	1.6	1	.4	WALDO ME	77	-74	-53	23	44
2	1.1	4	2.0	2	.8	WASHINGTON ME	77	-62	-32	43	56
10	1.8	13	2.0	8	1.0	YORK ME	12	-50	-43	32	66
167	1.5	197	1.4	159	.9	MARYLAND MD	-7	-34	-39		
5	1.0	4	1.0	6	.9	ALLEGANY MD	-7	-8	-14	59	60
7	1.0	14	1.5	13	.9	ANNE ARUNDEL MD	62	-41	-4	65	62
24	1.4	36	1.4	25	.7	BALTIMORE MD	0	-48	-48	27	53
				2	2.2	CALVERT MD					90
1	.9			1	.7	CAROLINE MD			-14	59	54
5	2.1	1	.4	2	.5	CARROLL MD	-81	26	-76	05	45
3	1.9	2	1.1			CECIL MD	-42				
1	.8	1	1.6	1	.5	CHARLES MD	94	-65	-32	43	46
3	2.0			1	.8	DORCHESTER MD			-59	19	58
3	.9	1	.3	7	1.4	FREDERICK MD	-66	375	60	86	78
		3	2.8	1	.7	GARRETT MD		-76			51
5	2.6	2	.5	4	.7	HARFORD MD	-82	43	-75	06	50
1	.7	1	.4	2	.5	HOWARD MD	-35	8	-30	45	45
2	2.6	1	1.9	1	1.5	KENT MD	-29	-18	-42	34	81
13	1.6	28	1.4	19	.7	MONTGOMERY MD	-14	-47	-55	22	53
17	1.6	32	1.4	18	.8	PRINCE GEORGE'S MD	-12	-44	-51	25	57
1	1.6			3*	2.6	QUEEN ANNE'S MD			61	86	93
3	1.7	1	1.1	1	.3	ST MARY'S MD	-38	-67	-80	04	42
1	1.7			2	1.9	SOMERSET MD			7	70	86
		2	2.2	1	.9	TALBOT MD		-61			59
3	.7	5	1.1	9	1.4	WASHINGTON MD	47	27	87	90	77
1	.4	2	.8	1	.4	WICOMICO MD	83	-50	-8	62	43
1	1.6	1	.7	2	1.3	WORCESTER MD	-59	90	-22	51	75
67	1.8	60	1.8	37	1.3	BALTIMORE CITY MD	2	-30	-29	47	74
458*	1.7	489*	1.6	376*	1.1	MASSACHUSETTS MA	-2	-31	-32		
9*	3.0	7	1.6	8	1.1	BARNSTABLE MA	-46	-34	-64	13	68
8	1.2	16	2.3	7	.8	BERKSHIRE MA	92	-67	-36	39	55
32	1.5	34	1.4	23	.8	BRISTOL MA	-6	-43	-47	28	56
		2*	8.8			DUKES MA					
49	1.4	49	1.5	33	.9	ESSEX MA	3	-42	-40	36	60
7	2.2	3	1.1	1	.3	FRANKLIN MA	-51	-72	-86	01	41
36	1.7	35	1.4	35	1.4	HAMPDEN MA	-14	-3	-17	56	78
7	1.4	5	.9	10	1.7	HAMPSHIRE MA	-38	92	18	74	83
104	1.7	110	1.5	74	.9	MIDDLESEX MA	-8	-40	-44	31	63
		1	2.3	3*	11.7	NANTUCKET MA		402			99
33	1.2	58*	1.9	38	1.0	NORFOLK MA	50	-44	-16	56	67
15	1.1	27	1.8	31*	1.6	PLYMOUTH MA	63	-14	41	82	82
92*	2.0	78*	1.8	56*	1.4	SUFFOLK MA	-9	-19	-26	48	79
66*	2.1	64*	1.8	57*	1.4	WORCESTER MA	-12	-21	-30	45	79
405	1.3	491	1.3	438	1.0	MICHIGAN MI	3	-23	-21		
		1	2.0			ALCONA MI					
		1	2.2	1	2.2	ALGER MI		2			90
5	1.8	4	1.4	2	.6	ALLEGAN MI	-24	-59	-69	10	47
		1	.6	1	.6	ALPENA MI		-10			47
		2	2.6			ANTRIM MI					
		1	2.6	1	1.4	ARENAC MI		-46			79
2	1.2	2	1.1	4	2.0	BARRY MI	-8	79	64	87	88
6	1.4	4	.8	11*	1.8	BAY MI	-42	127	31	79	86
1	2.6	1	1.8	1	1.8	BENZIE MI	-31	0	-31	44	85
8	1.3	8	1.1	9	1.1	BERRIEN MI	-18	5	-14	59	71
2	1.0			2	.9	BRANCH MI			-11	61	62
7	1.2	7	1.0	11	1.6	CALHOUN MI	-17	68	39	81	83
		1	.5	1	.4	CASS MI		-20			43
2	3.0	2	2.5	2	2.0	CHARLEVOIX MI	-16	-20	-33	42	88
		1	1.4	3*	3.4	CHEBOYGAN MI		149			96
3	2.2	2	1.5	2	1.4	CHIPPEWA MI	-33	-8	-38	37	77
		2	3.5	2	1.7	CLARE MI		-52			84
1	.7	4	1.9	1	.3	CLINTON MI	167	-82	-52	23	41
		7*	3.6	1	.5	DELTA MI		-87			44
2	1.5	2	1.7	1	.9	DICKINSON MI	12	-47	-40	35	61
1	.6	3	1.1	1	.3	EATON MI	83	-70	-45	30	41
1	1.1			2	2.1	EMMET MI			97	91	90
17	1.3	25	1.6	21	1.1	GENESEE MI	19	-27	-14	59	70
3*	6.3			1	1.0	GLADWIN MI			-84	02	65
1	.7	3	4.4	2	1.8	GOGEBIC MI	502	-58	152	94	86
3	1.6	2	1.0	2	.9	GRAND TRAVERSE MI	-34	-12	-42	33	62
3	1.6	6*	3.2	1	.4	GRATIOT MI	101	-89	-77	05	42
1	.5	3	1.5	1	.5	HILLSDALE MI	212	-69	-4	64	44
1	.5	2	.8	1	.8	HOUGHTON MI	70	-4	64	87	5[illegible]
		2	1.1	1	.4	HURON MI		-63			4[illegible]
16	1.9	14	1.3	13	1.0	INGHAM MI	-29	-23	-45	30	6[illegible]
		1	.4	2	.8	IONIA MI		88			5[illegible]
1	1.7			1	.9	IOSCO MI			-43	32	6[illegible]
2	2.1	3	5.3	3*	2.4	IRON MI	146	-55	10	72	9[illegible]
2	1.6	2	1.4	1	.5	ISABELLA MI	-16	-61	-67	11	4[illegible]

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE HODGKIN'S DISEASE ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
8	1.4	8	1.3	6	.8	JACKSON MI	-10	-36	-43	32	58
2	.2	10	1.2	10	1.0	KALAMAZOO MI	383	-19	292	98	63
				1	3.1	KALKASKA MI					95
27	1.7	22	1.1	31*	1.4	KENT MI	-35	22	-21	53	77
				1	1.8	LAKE MI					86
		3	1.3	1	.4	LAPEER MI		-71			42
1	2.3			1	1.1	LEELANAU MI			-53	23	69
5	1.3	6	1.6	5	1.1	LENAWEE MI	22	-33	-18	55	68
4	2.7			4	1.0	LIVINGSTON MI			-62	16	67
1	2.2					LUCE MI					
		1	2.1	2*	4.2	MACKINAC MI		100			98
7	.6	26	1.2	22	.7	MACOMB MI	95	-42	13	73	51
		1	1.5	2	1.1	MANISTEE MI		-29			68
2	.9			3	1.0	MARQUETTE MI			14	73	66
		2	2.1	1	.3	MASON MI		-85			41
2	2.0	3	2.2	3	2.2	MECOSTA MI	12	-4	8	70	90
3	2.6	3	2.2	2	1.6	MENOMINEE MI	-16	-28	-39	36	82
2	.6	4	1.6	1	.4	MIDLAND MI	157	-73	-30	45	43
		4*	12.2			MISSAUKEE MI					
7	1.7	2	.4	7	1.2	MONROE MI	-77	194	-31	44	71
2	1.3	3	1.6	2	.8	MONTCALM MI	18	-52	-43	32	55
				1	1.5	MONTMORENCY MI					80
6	1.0	12	1.7	6	.7	MUSKEGON MI	77	-60	-30	46	52
1	.8	3	2.2			NEWAYGO MI	162				
35	1.7	46	1.4	51	1.1	OAKLAND MI	-18	-21	-35	40	69
				2	1.7	OCEANA MI					85
1	1.9					OGEMAW MI					
		1	2.1			ONTONAGON MI					
				2	1.8	OSCEOLA MI					86
				1	2.2	OSCODA MI					90
		1	2.3	3*	5.0	OTSEGO MI		114			98
11*	2.6	10	2.0	8	1.3	OTTAWA MI	-25	-36	-52	24	75
		1	1.4	2	3.0	PRESQUE ISLE MI		117			95
				1	.9	ROSCOMMON MI					63
5	.7	11	1.3	8	.8	SAGINAW MI	88	-40	13	73	55
5	1.0	6	1.0	4	.6	ST CLAIR MI	4	-44	-41	34	47
4	2.4	2	.8	2	.7	ST JOSEPH MI	-67	-6	-69	10	54
1	.9	3	1.7	3	1.5	SANILAC MI	86	-12	64	87	81
1	2.9			1	1.6	SCHOOLCRAFT MI			-43	32	83
		3	1.0	3	.9	SHIAWASSEE MI		-14			61
4	1.9	2	1.0	2	.8	TUSCOLA MI	-46	-18	-56	22	59
5	2.2	2	.8	5	1.6	VAN BUREN MI	-65	105	-28	47	82
3	.4	8	1.0	9	.7	WASHTENAW MI	142	-30	70	88	52
159	1.5	161	1.5	106	1.1	WAYNE MI	-1	-30	-30	45	68
		2	1.8	2	1.5	WEXFORD MI		-16			81
260*	1.6	300*	1.6	221	1.0	MINNESOTA MN	0	-40	-39		
2	2.6					AITKIN MN					
5	2.1	6	1.5	1	.1	ANOKA MN	-27	-91	-93	00	40
1	.9	3	2.4			BECKER MN	182				
1	1.2	1	.8	1	.9	BELTRAMI MN	-34	11	-26	48	59
				1	1.2	BENTON MN					72
7*	3.3	5	1.7	2	.6	BLUE EARTH MN	-50	-64	-82	03	48
		4	2.4	1	.4	BROWN MN		-84			42
1	.6	1	.6			CARLTON MN	-1				
1	1.0			1	.6	CARVER MN			-44	31	47
		2	1.6	1	.6	CASS MN		-64			46
1	1.0	2	2.6	1	.6	CHIPPEWA MN	152	-79	-47	28	46
3*	3.6	1	1.9	1	.6	CHISAGO MN	-47	-68	-83	02	49
1	.7	3	1.3	3	1.2	CLAY MN	85	-14	59	86	71
1	2.2	1	2.8	1	2.7	CLEARWATER MN	27	-4	22	76	94
				3*	3.6	COTTONWOOD MN					96
3	1.7	3	2.1	2	.7	CROW WING MN	21	-68	-61	17	51
8*	3.0	6	1.4	4	.5	DAKOTA MN	-53	-63	-83	02	46
		2	3.2			DODGE MN					
5*	4.4	4	3.3	3	1.4	DOUGLAS MN	-25	-58	-68	11	78
2	1.8	1	.7	2	1.4	FARIBAULT MN	-63	120	-18	55	79
1	.8	2	1.5			FILLMORE MN	97				
1	.6	2	1.0	1	.6	FREEBORN MN	79	-36	15	73	50
6*	3.7	4	2.6	6*	2.3	GOODHUE MN	-28	-14	-38	37	91
1	2.1	1	2.2			GRANT MN	3				
64	1.6	76	1.6	64	1.2	HENNEPIN MN	-2	-24	-26	49	73
1	1.3			4*	3.7	HOUSTON MN			182	95	97
		2	2.8	2	3.1	HUBBARD MN		10			95
		2	2.8	2	1.7	ISANTI MN		-39			84
3	2.6	6*	3.4	2	1.0	ITASCA MN	30	-70	-61	17	67
		3	3.7			JACKSON MN					
				2*	3.9	KANABEC MN					97
		1	.4	4	2.0	KANDIYOHI MN		365			88
1	2.3			1	1.4	KITTSON MN			-41	35	78
1	1.0	3*	3.5			KOOCHICHING MN	264				
3*	4.3					LAC QUI PARLE MN					
		2	3.2			LAKE MN					
2	2.0	3	2.3	1	.8	LE SUEUR MN	20	-64	-57	20	59
				1	.6	LINCOLN MN					50
1	1.0	1	.8	2	1.4	LYON MN	-16	71	43	83	77
1	.7			2	1.0	MC LEOD MN			46	83	66
1	4.4	1	4.1			MAHNOMEN MN	-7				
1	1.4	2	4.2	2	3.4	MARSHALL MN	191	-19	135	93	96
1	.9	2	1.4	1	.9	MARTIN MN	60	-34	5	69	62
2	2.2	1	.7			MEEKER MN	-66				
2	3.0	5*	5.7	2	1.6	MILLE LACS MN	91	-72	-47	28	82
1	.9	4	3.5			MORRISON MN	305				
4	2.0	4	1.7	3	1.1	MOWER MN	-12	-38	-46	30	68
2	3.3	3*	5.0			MURRAY MN	52				
1	.8	1	.8	3	1.7	NICOLLET MN	6	115	129	93	85
1	1.0	3	2.5	1	.9	NOBLES MN	151	-62	-6	64	63
4*	6.5					NORMAN MN					
3	.8	2	.5	8	1.9	OLMSTED MN	-35	239	122	93	86
4	1.8	5	1.6	5	1.3	OTTER TAIL MN	-7	-19	-25	50	76

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WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	3.0	1	1.6			PENNINGTON MN	-47				
1	1.0	4*	4.8	1	.7	PINE MN	378	-85	-31	44	52
3*	5.1	1	1.3	1	.9	PIPESTONE MN	-74	-34	-83	02	60
1	.5	4	2.1	4	1.7	POLK MN	286	-15	228	97	85
1	1.6	2	2.7			POPE MN	73				
45*	2.3	45	2.0	32	1.2	RAMSEY MN	-13	-41	-49	26	71
1	3.7	1	4.4			RED LAKE MN	22				
3	2.6			1	.3	REDWOOD MN			-88	00	41
				1	1.0	RENVILLE MN					67
3	1.5	2	.8	3	1.5	RICE MN	-48	91	-1	66	80
		2	3.1	1	2.3	ROSEAU MN		-27			91
13	1.2	17	1.4	10	.7	ST LOUIS MN	23	-48	-36	40	54
3	3.6	1	1.0	1	.4	SCOTT MN	-72	-60	-89	00	43
				3*	2.8	SHERBURNE MN					94
1	1.2	1	1.6			SIBLEY MN	38				
6	1.9	10*	2.7	3	.7	STEARNS MN	41	-72	-60	17	54
2	1.7	3	2.5			STEELE MN	49				
2	3.5	1	1.8			STEVENS MN	-48				
3*	4.0					SWIFT MN					
3	2.7	1	.7	3	1.8	TODD MN	-75	164	-33	42	85
		1	.7			WABASHA MN					
1	1.3	2	3.2			WASECA MN	136				
5	2.6	6	2.4	3	.9	WASHINGTON MN	-8	-61	-64	14	63
		1	1.4	1	.8	WATONWAN MN		-43			58
				1	1.4	WILKIN MN					79
3	1.3	1	.3	1	.5	WINONA MN	-74	39	-64	14	45
2	1.3	5	2.7	3	1.4	WRIGHT MN	112	-51	4	69	77
1	1.3	2	2.8	1	.8	YELLOW MEDICINE MN	114	-73	-41	34	55
66	1.1	84	1.2	88	1.0	MISSISSIPPI MS	3	-12	-9		
2	2.7	1	1.2	1	.9	ADAMS MS	-57	-27	-69	10	59
		2	1.5	2	1.3	ALCORN MS		-15			75
1	2.3					AMITE MS					
1	4.9					BENTON MS					
1	1.3					BOLIVAR MS					
				2	2.9	CALHOUN MS					94
				1	1.2	CHICKASAW MS					73
				1	3.1	CHOCTAW MS					95
		1*	5.7	1*	5.1	CLAIBORNE MS		-10			98
		1	1.3			CLARKE MS					
		2	3.6	1	1.7	CLAY MS		-54			83
2	2.5	2	2.4			COAHOMA MS	-4				
				4*	4.5	COPIAH MS					98
		2	4.0			COVINGTON MS					
2*	5.2	2	3.1	1	.7	DE SOTO MS	-41	-76	-85	01	54
2	1.0	1	.6	4	1.8	FORREST MS	-45	220	77	89	86
1	4.1			1	2.8	GREENE MS			-33	42	94
				1	1.9	GRENADA MS					87
				2	2.0	HANCOCK MS					88
6	1.9	6	1.3	3	.6	HARRISON MS	-30	-55	-68	10	48
4	1.0	5	.8	7	.9	HINDS MS	-16	7	-10	62	60
1	1.7					HOLMES MS					
1	2.8					HUMPHREYS MS					
2	2.8	1	1.2	2	1.8	ITAWAMBA MS	-59	53	-37	38	85
1	.5	3	1.5	1	.2	JACKSON MS	214	-67	-58	20	40
		2	4.0			JASPER MS					
1	3.2					JEFFERSON DAVIS MS					
3	1.5	5	2.2	6*	2.2	JONES MS	43	3	47	83	91
1	1.6			1	.8	LAFAYETTE MS			-50	25	57
				2	2.2	LAMAR MS					90
1	.3	1	.3	1	.4	LAUDERDALE MS	-12	18	4	69	42
		1	1.8	1	1.0	LEAKE MS		-45			65
2	1.4	3	1.7	4	1.7	LEE MS	28	-3	24	76	84
1	1.3	1	1.0	1	.8	LEFLORE MS	-22	-21	-38	37	58
		1	1.2	1	.8	LINCOLN MS		-33			56
2	2.0	1	.9			LOWNDES MS	-57				
2	3.6	2	3.7	2	2.4	MADISON MS	3	-35	-34	41	92
1	2.5					MARSHALL MS					
1	.7	1	.7	4*	2.7	MONROE MS	2	270	276	97	93
		2*	3.5			MONTGOMERY MS					
1	1.7			1	1.4	NESHOBA MS			-14	58	79
		1	1.6	1	1.3	NEWTON MS		-18			75
				1	3.2	NOXUBEE MS					95
2	4.3			1	1.0	OKTIBBEHA MS			-77	05	65
		1	1.5			PANOLA MS					
1	1.3	2	2.3			PEARL RIVER MS	73				
2	1.8	3	2.5	1	1.0	PIKE MS	42	-61	-44	31	65
		4*	5.4	2	2.5	PONTOTOC MS		-54			93
		1	1.1	2	1.8	PRENTISS MS		60			85
2*	6.2			1	2.4	QUITMAN MS			-62	16	92
		1	.8	1	.4	RANKIN MS		-54			42
		2	3.0	1	1.1	SCOTT MS		-63			70
				1*	6.0	SHARKEY MS					99
4*	6.3					SIMPSON MS					
1	1.7			1	1.3	SMITH MS			-21	52	76
1	1.5			2	1.9	SUNFLOWER MS			26	77	88
		1	2.2			TALLAHATCHIE MS					
2*	3.9	1	1.9			TATE MS	-50				
1	1.5	2	2.3	1	1.6	TIPPAH MS	50	-32	2	68	82
		1	1.4	2	2.1	TISHOMINGO MS		46			89
2	2.6	1	.8	2	1.7	UNION MS	-70	126	-33	43	85
1	2.6	1	1.9	1	1.5	WALTHALL MS	-26	-21	-42	34	81
		2	1.5	1	.7	WARREN MS		-57			50
1	.6	2	1.3	2	1.2	WASHINGTON MS	105	-4	97	91	73
		1	1.8			WAYNE MS					
1	3.3	3*	7.6	1	3.0	WEBSTER MS	127	-61	-10	61	95
				1*	3.5	WILKINSON MS					96
		1	1.4	2	1.7	WINSTON MS		26			85
1	1.5	3*	8.4			YALOBUSHA MS	470				
1	1.5	1	1.4	1	1.2	YAZOO MS	-3	-18	-20	53	72

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
226	1.1	271	1.1	230	.9	MISSOURI MO	7	-22	-17		
2	1.3	3	2.2	4*	3.3	ADAIR MO	66	49	147	94	96
		3*	5.2	2	1.9	ANDREW MO		-62			88
4	2.9	3	1.9	2	1.2	AUDRAIN MO	-34	-37	-58	19	74
2	1.8	2	2.5	1	.4	BARRY MO	38	-84	-78	04	43
		1	1.4			BARTON MO					
1	1.2	2	1.7	2	1.2	BATES MO	44	-28	4	69	74
1	1.8			1	.8	BENTON MO			-59	19	55
		2	3.1	2*	3.8	BOLLINGER MO		22			97
2	.7	2	.7	3	.7	BOONE MO	3	4	7	70	54
2	.4	14*	2.5	4	.6	BUCHANAN MO	510	-74	58	85	50
				1	.4	BUTLER MO					44
1	1.3	1	1.4	1	2.3	CALDWELL MO	3	72	77	89	91
		3	2.3	1	.7	CALLAWAY MO		-68			53
1	2.8	1	2.3			CAMDEN MO	-19				
1	.5	3	1.2			CAPE GIRARDEAU MO	143				
1	.9			1	1.2	CARROLL MO			36	80	71
		2	1.2	4	1.5	CASS MO		25			81
1	1.2			3*	6.7	CEDAR MO			465	99	99
2	1.9	2	1.9	1	2.9	CHARITON MO	-1	56	55	85	94
				1	1.3	CLARK MO					75
2	.6	4	1.2	5	.7	CLAY MO	112	-39	30	79	53
1	.5	3	1.3	3	1.1	COLE MO	152	-14	116	93	69
1	1.1			2	3.4	COOPER MO			201	96	96
		1	1.2	1	1.0	CRAWFORD MO		-14			66
1	1.9					DALLAS MO					
		2	3.8			DAVIESS MO					
1	1.3	1	1.9	1	1.1	DENT MO	46	-43	-18	55	69
		2	3.2	1	.9	DOUGLAS MO		-72			62
2	1.4	2	1.2	1	.3	DUNKLIN MO	-12	-79	-81	03	40
3	1.5	4	1.6	2	.6	FRANKLIN MO	7	-62	-60	18	48
1	1.2	1	1.4			GASCONADE MO	10				
1	1.8	2	4.0			GENTRY MO	124				
5	.8	5	.6	10	1.0	GREENE MO	-19	58	28	78	66
1	.8					GRUNDY MO					
		1	.8	3*	5.0	HARRISON MO		535			98
		1	.5	1	.5	HENRY MO		0			45
1	2.7					HICKORY MO					
1	1.3					HOWARD MO					
1	.7	3	2.6	1	.5	HOWELL MO	268	-81	-30	46	45
1	2.2			1	1.4	IRON MO			-37	39	78
39	1.3	37	1.1	34	1.0	JACKSON MO	-14	-7	-20	53	67
9	1.7	9	1.7	7	1.3	JASPER MO	-5	-20	-24	50	76
3	1.3	4	1.0	4	.8	JEFFERSON MO	-26	-23	-43	33	55
1	.8			4	2.5	JOHNSON MO			202	96	93
1	.8			2	1.5	LACLEDE MO			93	91	81
		2	1.3	7*	3.7	LAFAYETTE MO		180			97
1	.6	1	.5	2	1.0	LAWRENCE MO	-27	124	64	87	67
1	1.7	3*	4.2			LEWIS MO	147				
1	1.3	1	1.4	2	1.7	LINCOLN MO	7	24	33	79	85
1	.9	1	1.6			LINN MO	70				
		3	4.0			LIVINGSTON MO					
		1	1.1			MC DONALD MO					
				1	1.0	MACON MO					64
1	1.4					MADISON MO					
3	1.7			2	.8	MARION MO			-54	23	56
		1	2.1	2*	4.0	MERCER MO		94			97
1	1.1					MILLER MO					
				3*	3.3	MISSISSIPPI MO					96
1	1.2					MONITEAU MO					
				1	.8	MORGAN MO					55
		2	2.0			NEW MADRID MO					
1	.6	2	1.2	1	.3	NEWTON MO	102	-71	-42	34	42
3	2.1	3	1.5	2	1.8	NODAWAY MO	-26	17	-13	59	86
1	1.6			1	1.7	OREGON MO			3	69	84
1	2.1	1	1.8			OSAGE MO	-15				
1	2.6	1	2.2	1	2.9	OZARK MO	-12	31	15	74	94
1	1.1	1	1.2	2	1.6	PEMISCOT MO	2	39	41	82	82
				2	1.2	PERRY MO					73
1	.8	4	2.2	1	.7	PETTIS MO	161	-70	-20	53	51
1	.9	1	.8	1	.7	PHELPS MO	-12	-13	-23	51	53
		1	1.2			PIKE MO					
		2	1.5	1	.6	PLATTE MO		-56			50
				1	.6	POLK MO					49
2	2.8	2	1.7	1	1.0	PULASKI MO	-40	-39	-64	14	66
1	1.9			1	1.1	PUTNAM MO			-44	31	68
		2	3.2			RALLS MO					
3	1.5	2	1.4			RANDOLPH MO	-7				
5*	5.1	3	3.8			RAY MO	-24				
		1	2.3	1	2.1	REYNOLDS MO		-9			89
		1	1.9			RIPLEY MO					
3	1.4	1	.3	4	.7	ST CHARLES MO	-77	116	-50	25	53
1	1.1	2	3.8	1	3.1	ST CLAIR MO	251	-19	183	96	95
2	3.5					STE GENEVIEVE MO					
3	1.4	3	1.4	2	.8	ST FRANCOIS MO	-4	-40	-42	34	58
32	1.2	57	1.5	41	.8	ST LOUIS COUNTY MO	26	-42	-27	48	59
2	1.3	2	1.3	2	1.2	SALINE MO	2	-6	-5	64	73
		1	3.0	1	1.9	SCHUYLER MO		-37			87
1	2.1					SCOTLAND MO					
4	2.7			2	.9	SCOTT MO			-66	12	63
1	2.4					SHANNON MO					
		1	2.2			SHELBY MO					
1	.9	2	1.1			STODDARD MO	15				
1	1.4	2	2.0	2	3.5	TANEY MO	44	70	145	94	96
1	1.0	1	1.0	1	1.1	TEXAS MO	-4	16	11	72	70
				1	.5	VERNON MO					46
1	1.9					WARREN MO					
1	2.4	1	.8	1	.8	WEBSTER MO	-67	1	-67	11	57
1	.9	3	3.4	1	.6	WRIGHT MO	275	-81	-30	45	49

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
43	1.1	27	.8	18	.7	ST LOUIS CITY MO	-30	-15	-40	35	51
33	1.2	31	1.0	37	.9	MONTANA MT	-19	-5	-23		
1	3.6					BEAVERHEAD MT					
		1	3.2			BIG HORN MT					
		1	1.6	1	2.6	CARBON MT		60			93
		1*	10.0			CARTER MT					
1	.3	2	.5	4	.9	CASCADE MT	54	73	166	95	62
		1	3.8	2*	4.7	CHOUTEAU MT		24			98
		2	3.0			CUSTER MT					
				1*	2.1	DANIELS MT					89
1	3.1					DAWSON MT					
		2	2.9			DEER LODGE MT					
1	1.6	3*	4.5			FERGUS MT	172				
3	2.2	1	.6	3	1.1	FLATHEAD MT	-73	92	-48	27	70
1	1.0			1	.6	GALLATIN MT			-39	36	48
1	2.7					GLACIER MT					
		1*	6.1			GRANITE MT					
		1	1.3			HILL MT					
2*	9.5					JEFFERSON MT					
				1	1.0	LAKE MT					65
2	1.4	1	.7			LEWIS AND CLARK MT	-50				
		1	3.4			LINCOLN MT					
1	3.4					MADISON MT					
		1*	10.1			MINERAL MT					
1	.6	2	.8	4	1.4	MISSOULA MT	50	69	153	94	79
				1*	3.2	MUSSELSHELL MT					95
1	1.6	1	1.6	1	1.1	PARK#MT	-5	-27	-31	44	71
		1	3.1			POWELL MT					
3*	4.7	1	.7	3*	2.8	RAVALLI MT	-84	287	-40	36	94
		1	1.8	1	2.9	ROOSEVELT MT		59			94
1	4.7					ROSEBUD MT					
1	3.5			1	1.4	SHERIDAN MT			-61	17	77
5	2.2	1	.4	7*	2.1	SILVER BOW MT	-82	452	-1	66	90
1	2.7	1	3.9			TETON MT	44				
				1	4.8	TOOLE MT					98
1*	19.2					TREASURE MT					
5	1.6	4	1.1	5	1.0	YELLOWSTONE MT	-32	-5	-35	40	67
109	1.5	120	1.5	104	1.2	NEBRASKA NB	1	-21	-20		
		2	.6	1	.4	ADAMS NB		-40			42
				1	1.0	ANTELOPE NB					65
1*	15.9					BLAINE NB					
3*	5.8					BOONE NB					
2	3.6	1	2.1			BOX BUTTE NB	-41				
				1	3.9	BROWN NB					97
3	2.2	2	1.0	3	1.3	BUFFALO NB	-51	22	-41	35	75
2	2.8	1	1.5			BURT NB	-45				
2	2.6	1	4.0			BUTLER NB	53				
2	1.8	2	1.9			CASS NB	5				
				1	2.7	CEDAR NB					93
		1	3.2			CHERRY NB					
		1	1.8	1	2.6	CLAY NB		45			93
4*	6.8					COLFAX NB					
2	4.3	1	1.2	2	3.6	CUMING NB	-72	201	-16	57	96
2	1.9	2	1.8			CUSTER NB	-8				
1	1.8			1	1.0	DAKOTA NB			-45	30	66
3*	6.6	1	1.2	2*	3.7	DAWES NB	-82	208	-43	32	97
2	2.1	1	.7	1	.8	DAWSON NB	-68	26	-60	18	58
2	1.1	4	1.9	4	1.6	DODGE NB	65	-15	40	81	82
23	1.5	41*	2.3	23	1.2	DOUGLAS NB	53	-49	-22	51	71
1	1.2	1	2.3	1	2.6	FILLMORE NB	99	10	120	93	93
		1	3.3			FRONTIER NB					
3*	6.5	2	4.9			FURNAS NB	-25				
3	1.8	1	.6	3	1.7	GAGE NB	-65	166	-7	62	84
				2*	9.2	GARFIELD NB					99
				1*	5.6	GOSPER NB					99
				1*	10.9	GREELEY NB					99
3	1.5	2	.8	4	1.3	HALL NB	-49	68	-15	58	76
2	3.0					HAMILTON NB					
1*	7.7					HAYES NB					
1	3.8					HITCHCOCK NB					
2	2.7	1	1.6			HOLT NB	-40				
		1*	33.6			HOOKER NB					
1	3.0					HOWARD NB					
1	1.3	3*	3.1			JEFFERSON NB	140				
1	3.1	1	1.6			JOHNSON NB	-48				
1	1.7	1	2.1			KEARNEY NB	21				
		1	2.9	1	2.3	KEITH NB		-21			91
		2*	6.9	1	3.0	KIMBALL NB		-56			95
				3*	3.2	KNOX NB					95
7	.9	8	1.0	9	1.0	LANCASTER NB	15	-2	13	73	66
2	1.4	3	2.3	4	2.3	LINCOLN NB	71	-3	67	87	91
5*	3.9	4	2.6	4	2.4	MADISON NB	-35	-5	-38	37	92
2*	4.4	1	2.7	1	2.4	MERRICK NB	-38	-11	-44	31	92
1	2.5	2*	6.1	1	1.8	MORRILL NB	148	-71	-28	47	85
				2*	4.3	NANCE NB					98
				1	1.4	NEMAHA NB					78
				1	.9	NUCKOLLS NB					60
1	.8	2	1.4			OTOE NB	63				
		1	1.8			PAWNEE NB					
		1	4.5	2*	16.4	PERKINS NB		262			99
1	1.2					PHELPS NB					
				1	2.5	PIERCE NB					92
4*	3.6	1	.8	2	1.5	PLATTE NB	-78	85	-60	18	80
1	1.8			1	1.6	POLK NB			-13	60	82
2	2.7			1	1.0	RED WILLOW NB			-64	14	65
1	1.2			3*	3.8	RICHARDSON NB			226	97	97
		1*	9.4			ROCK NB					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
1	1.1	2	1.7	1	1.9	SALINE	NB	61	14	83	89	87
1	.7			1	.5	SARPY	NB			-28	47	45
		1	1.6	3*	2.5	SAUNDERS	NB		58			93
1	.7			2	1.1	SCOTTS BLUFF	NB			55	85	68
		4*	6.0			SEWARD	NB					
		1	1.7			SHERIDAN	NB					
3*	12.6					SHERMAN	NB					
		1*	9.4			SIOUX	NB					
1	2.1	1	1.5	1	2.4	THAYER	NB	-25	54	15	73	91
				1	3.7	THURSTON	NB					96
1	1.6	1	1.6	1	.9	WASHINGTON	NB	-2	-42	-44	32	61
		2	4.1			WAYNE	NB					
		2*	2.4	2*	6.0	WEBSTER	NB		151			99
		1*	17.0			WHEELER	NB					
		2	2.8	1	.8	YORK	NB		-71			58
5	.6	27	1.7	23	.9	NEVADA	NV	168	-45	48		
		1	2.4			CHURCHILL	NV					
3	.8	11	1.1	16	1.2	CLARK	NV	26	9	37	81	71
				1	3.1	DOUGLAS	NV					95
		4*	7.5			ELKO	NV					
		1	3.2			LYON	NV					
		1	6.6			MINERAL	NV					
				1*	5.9	PERSHING	NV					99
2	.9	7	1.7	5	.8	WASHOE	NV	88	-54	-13	59	56
		2	3.4			ORMSBY-CARSON CITY	NV					
43	1.4	53	1.5	55	1.2	NEW HAMPSHIRE	NH	8	-19	-13		
1	.6	3	2.3	5*	2.4	BELKNAP	NH	283	2	289	98	91
6*	6.7			3	2.6	CARROLL	NH			-62	16	93
3	1.3	9*	3.8	4	1.2	CHESHIRE	NH	186	-67	-6	63	74
1	.7			2	.7	COOS	NH			0	67	51
5	1.9	3	1.0	5	1.4	GRAFTON	NH	-48	45	-24	50	79
9	.9	16	1.5	14	1.1	HILLSBOROUGH	NH	66	-28	20	75	69
10*	2.6	11*	2.4	5	.9	MERRIMACK	NH	-10	-63	-66	12	60
4	.9	4	.7	10	1.2	ROCKINGHAM	NH	-24	76	34	80	72
2	.7	5	1.6	6	1.5	STRAFFORD	NH	117	-5	105	92	80
2	1.4	2	1.1	1	.5	SULLIVAN	NH	-18	-56	-64	14	45
440*	1.6	533*	1.7	402	1.1	NEW JERSEY	NJ	1	-34	-33		
11	1.3	11	1.2	15	1.6	ATLANTIC	NJ	-8	32	22	75	83
61*	1.7	79*	1.8	56	1.2	BERGEN	NJ	6	-37	-33	42	71
11	1.5	17	1.5	15	1.1	BURLINGTON	NJ	-4	-29	-31	44	68
27	1.7	25	1.2	31	1.4	CAMDEN	NJ	-30	17	-18	55	77
3	1.4	1	.2	5	1.5	CAPE MAY	NJ	-88	774	6	70	80
7	1.4	12	2.2	8	1.3	CUMBERLAND	NJ	59	-41	-6	63	75
99*	2.2	85*	2.1	45	1.2	ESSEX	NJ	-6	-43	-46	29	72
10	2.0	10	1.5	9	1.1	GLOUCESTER	NJ	-23	-31	-46	29	68
42	1.2	53	1.6	29	.9	HUDSON	NJ	31	-44	-26	49	62
3	1.1	4	1.2	2	.5	HUNTERDON	NJ	9	-60	-56	21	45
21	1.8	19	1.4	12	.8	MERCER	NJ	-22	-46	-58	19	55
28	1.7	43	1.8	42*	1.5	MIDDLESEX	NJ	6	-20	-16	59	80
18	1.5	24	1.3	25	1.0	MONMOUTH	NJ	-10	-21	-29	47	66
9	.8	23	1.5	14	.7	MORRIS	NJ	92	-55	-14	59	51
2	.5	10	1.4	14	.7	OCEAN	NJ	176	-48	42	82	52
35	1.8	43	1.9	33	1.4	PASSAIC	NJ	7	-26	-21	52	78
2	1.0	1	.5	5	1.6	SALEM	NJ	-54	254	63	87	82
6	1.1	11	1.4	6	.6	SOMERSET	NJ	23	-58	-48	27	48
5	2.2	4	1.4	8	1.7	SUSSEX	NJ	-38	23	-23	51	84
36	1.7	52*	2.0	25	.9	UNION	NJ	16	-55	-48	27	62
4	1.3	6	1.7	3	.6	WARREN	NJ	35	-64	-52	24	49
28	.9	42	1.2	42	.9	NEW MEXICO	NM	23	-23	-5		
13	1.5	17	1.4	12	.7	BERNALILLO	NM	-6	-47	-51	25	54
3	2.2	1	.7	2	.8	CHAVES	NM	-70	18	-65	13	56
		1	1.3			COLFAX	NM					
2	2.0	2	1.7	1	.7	CURRY	NM	-14	-60	-66	12	51
2	1.1	2	.8	2	.7	DONA ANA	NM	-27	-8	-33	42	54
		2	1.1	5*	2.0	EDDY	NM		89			89
				1	1.0	GRANT	NM					66
1	6.0			1*	3.7	HIDALGO	NM			-37	38	97
1	.6	4	2.2	5*	2.4	LEA	NM	269	10	307	98	92
1	2.9			1	2.9	LINCOLN	NM			-1	66	94
				1	2.1	LUNA	NM					90
				1	1.8	MC KINLEY	NM					86
		1	5.4			MORA	NM					
1	.6	2	1.9			OTERO	NM	207				
		1	1.8	3*	4.5	QUAY	NM		146			98
1	.7	1	1.0	3*	3.4	RIO ARRIBA	NM	45	227	372	99	96
1	1.3	2	2.4	1	1.3	ROOSEVELT	NM	78	-48	-7	63	74
				1	1.3	SANDOVAL	NM					77
1	.8	1	1.2			SAN MIGUEL	NM	49				
1	.7	2	1.1	2	.6	SANTA FE	NM	61	-42	-6	64	49
		1	2.6			SOCORRO	NM					
		2*	5.1			UNION	NM					
1348*	1.6	1415*	1.6	1142*	1.2	NEW YORK	NY	-1	-23	-24		
21	1.5	26	1.7	12	.8	ALBANY	NY	15	-55	-49	27	55
3	1.4	2	.8	1	.4	ALLEGANY	NY	-45	-48	-72	08	43
133*	1.7	96	1.3	69	1.1	BRONX	NY	-19	-16	-32	43	70
15	1.4	18	1.5	16	1.3	BROOME	NY	14	-16	-4	64	75
9	2.2	3	.7	6	1.2	CATTARAUGUS	NY	-65	65	-43	33	74
10*	2.4	5	1.2	4	.9	CAYUGA	NY	-51	-22	-62	16	61
17*	2.1	15	1.9	9	.9	CHAUTAUQUA	NY	-10	-51	-55	22	62
3	.6	2	.4	7	1.1	CHEMUNG	NY	-34	175	80	89	70
		2	.9	3	1.0	CHENANGO	NY		4			64

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE HODGKIN'S DISEASE ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	.8	7	2.3	3	1.0	CLINTON	NY	212	-58	30	78	64
3	1.3	4	1.1	3	1.0	COLUMBIA	NY	-17	-9	-24	50	66
2	.8	2	.9	2	.9	CORTLAND	NY	8	3	11	72	61
4	1.6	3	1.2	2	.7	DELAWARE	NY	-26	-40	-55	22	53
7	.9	11	1.1	16	1.4	DUTCHESS	NY	19	24	47	83	77
101*	2.0	92	1.7	72	1.3	ERIE	NY	-18	-24	-38	38	75
3	1.5	1	.7	4	1.8	ESSEX	NY	-53	161	24	76	86
1	.5	6	3.1	3	1.1	FRANKLIN	NY	578	-65	135	93	69
3	1.0	2	.6	4	1.5	FULTON	NY	-38	150	55	85	80
5	1.8	4	1.4	1	.3	GENESEE	NY	-22	-78	-83	02	41
		2	1.0	1	.3	GREENE	NY		-66			42
		1	3.2			HAMILTON	NY					
6	1.6	7	1.9	3	.6	HERKIMER	NY	15	-66	-61	17	49
3	.7	6	1.2	14*	2.9	JEFFERSON	NY	62	145	296	98	94
239*	1.8	198	1.6	170*	1.6	KINGS(BROOKLYN)	NY	-7	0	-7	63	83
		2	1.9	1	.8	LEWIS	NY		-61			55
4	1.8	6	2.5	2	.7	LIVINGSTON	NY	40	-71	-59	19	53
1	.3	7	2.5	6	1.9	MADISON	NY	635	-24	461	99	88
34	1.2	48	1.5	38	1.0	MONROE	NY	21	-33	-19	54	65
6	1.5	4	1.5	5	1.4	MONTGOMERY	NY	-2	-8	-10	61	77
84*	1.7	110*	1.7	97*	1.3	NASSAU	NY	-2	-20	-22	52	77
189*	2.0	233*	2.9	85	1.2	NEW YORK(MANHATTAN)	NY	43	-60	-43	32	71
15	1.6	19	1.7	13	1.1	NIAGARA	NY	11	-39	-33	43	68
21	1.6	28	2.0	9	.6	ONEIDA	NY	20	-71	-65	12	47
33	1.6	24	1.0	30	1.2	ONONDAGA	NY	-38	18	-27	48	72
6	1.8	7	2.2	7	1.7	ONTARIO	NY	18	-21	-7	62	84
10	1.1	10	1.0	10	.8	ORANGE	NY	-11	-17	-26	48	59
1	.5	4	2.5	6*	2.9	ORLEANS	NY	381	18	469	99	94
4	.9	1	.2	3	.6	OSWEGO	NY	-75	153	-37	39	46
4	1.3	7	2.1	3	.8	OTSEGO	NY	63	-61	-37	38	57
		1	.3	6	1.7	PUTNAM	NY		512			85
156*	1.7	128	1.2	136*	1.4	QUEENS	NY	-26	9	-20	53	77
6	.7	7	.9	10	1.1	RENSSELAER	NY	31	23	61	86	70
14	1.4	17	1.2	19	1.2	RICHMOND	NY	-10	-4	-14	59	73
9	1.7	8	1.0	20*	1.7	ROCKLAND	NY	-43	70	-4	65	83
6	1.2	11	1.9	8	1.4	ST LAWRENCE	NY	61	-28	15	74	77
6	1.4	6	1.2	8	1.1	SARATOGA	NY	-18	-9	-25	49	68
12	1.3	15	1.9	8	.9	SCHENECTADY	NY	48	-52	-30	46	61
1	.8	3	2.1	1	.7	SCHOHARIE	NY	157	-64	-8	62	54
3*	5.0	3	3.6	1	1.1	SCHUYLER	NY	-29	-70	-78	04	69
1	.6	3	1.9	4	2.0	SENECA	NY	226	6	244	97	88
4	1.0	8	1.3	5	.9	STEUBEN	NY	59	-30	-2	66	63
42	1.7	63	1.5	79*	1.4	SUFFOLK	NY	-12	-6	-18	55	78
8*	4.0	3	1.0	5	1.5	SULLIVAN	NY	-75	43	-64	14	80
4	2.2	3	1.5	3	1.3	TIOGA	NY	-31	-13	-40	36	76
1	.4	7	2.1	7	1.7	TOMPKINS	NY	486	-19	374	99	84
10	1.8	11	1.7	9	1.1	ULSTER	NY	-6	-35	-39	36	69
5	2.5	1	.4	2	.6	WARREN	NY	-86	79	-75	07	50
2	.8	7	2.8	3	.9	WASHINGTON	NY	259	-69	10	71	59
2	.8	4	1.2	1	.3	WAYNE	NY	54	-76	-63	15	40
50	1.3	80*	1.9	65*	1.4	WESTCHESTER	NY	41	-28	1	67	77
3	1.6	1	.5	1	.5	WYOMING	NY	-71	-2	-71	08	44
1	1.0			1	.9	YATES	NY			-11	61	60
155	1.1	238	1.3	195	.8	NORTH CAROLINA	NC	25	-36	-21		
1	.2	4	1.1	3	.6	ALAMANCE	NC	338	-40	162	95	49
1	2.0					ALEXANDER	NC					
				1	1.4	ALLEGHANY	NC					79
1	1.3					ANSON	NC					
		1	.8	1	.8	ASHE	NC		4			58
		1	1.9	3*	4.3	AVERY	NC		119			98
		1	.9	1	.8	BEAUFORT	NC		-12			56
		1	1.4			BERTIE	NC					
		2	2.4	1	.9	BLADEN	NC		-61			62
		1	1.1	1	.6	BRUNSWICK	NC		-41			50
6	1.1	10	1.4	10	1.1	BUNCOMBE	NC	36	-26	0	67	68
4	2.1	4	1.4			BURKE	NC	-33				
5	1.9	4	1.2	3	.7	CABARRUS	NC	-34	-44	-63	15	52
		3	1.3	2	.6	CALDWELL	NC		-55			47
				1*	3.3	CAMDEN	NC					96
		2	1.4			CARTERET	NC					
		1	2.0			CASWELL	NC					
		4	1.0	6	1.4	CATAWBA	NC		40			78
1	1.1					CHATHAM	NC					
2*	7.8			1	2.7	CHOWAN	NC			-65	13	94
		2*	6.1			CLAY	NC					
5	2.4	3	1.1	5	1.4	CLEVELAND	NC	-57	30	-44	32	78
2	1.9	3	1.9	3	1.7	COLUMBUS	NC	1	-12	-11	61	83
1	.5	3	2.1	5*	2.5	CRAVEN	NC	334	16	405	99	92
1	.6	3	.7	3	.5	CUMBERLAND	NC	21	-35	-22	52	44
4	1.4	5	1.3	4	1.0	DAVIDSON	NC	-8	-24	-30	45	64
		2	2.1			DAVIE	NC					
1	1.0	3	2.4			DUPLIN	NC	137				
4	1.1	8	1.9	2	.4	DURHAM	NC	70	-81	-68	11	42
1	.6	2	1.6			EDGECOMBE	NC	173				
7	1.1	14	2.0	8	.8	FORSYTH	NC	78	-60	-30	46	57
2	2.1	2	2.0	1	.9	FRANKLIN	NC	-4	-56	-58	20	60
6	1.2	7	1.2	12	1.6	GASTON	NC	-1	35	34	80	82
		1	3.7	1	3.2	GATES	NC		-12			95
				1	1.0	GRANVILLE	NC					67
1	2.4					GREENE	NC					
8	.9	24*	2.3	15	1.1	GUILFORD	NC	158	-51	27	78	70
		2	1.2	1	.7	HALIFAX	NC		-46			51
1	.5	3	1.6	2	.8	HARNETT	NC	229	-49	68	88	59
1	.6	4	1.9	1	.3	HAYWOOD	NC	225	-82	-43	33	41
3	1.8					HENDERSON	NC					
2*	3.7	3*	5.7			HERTFORD	NC	52				
1	3.6					HYDE	NC					
4	1.8	1	.3	2	.5	IREDELL	NC	-82	58	-71	08	45
1	1.2					JACKSON	NC					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE HODGKIN'S DISEASE ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
2	.7	3	1.3	2	.7	JOHNSTON	NC	87	-46	0	67	51
		1	4.0			JONES	NC					
1	1.3			1	.7	LEE	NC			-50	25	50
1	.5					LENOIR	NC					
1	.6	1	.8			LINCOLN	NC	23				
				2	1.0	MC DOWELL	NC					64
1	.8					MADISON	NC					
		1	1.4			MARTIN	NC					
11	1.3	13	1.1	17	1.2	MECKLENBURG	NC	-18	6	-13	59	72
				3*	3.4	MITCHELL	NC					96
		1	1.2	2	2.1	MONTGOMERY	NC		75			89
2	1.6	1	.7	4	2.0	MOORE	NC	-58	188	20	75	88
5	3.1	3	1.6	1	.4	NASH	NC	-49	-77	-88	00	42
4	1.6	3	.9	6	1.5	NEW HANOVER	NC	-44	67	-7	63	80
				2*	3.5	NORTHAMPTON	NC					96
		1	.8	1	.2	ONSLOW	NC		-70			40
3	2.1			1	.4	ORANGE	NC			-79	04	44
2	3.5			4*	3.5	PASQUOTANK	NC			1	68	96
				1	1.7	PENDER	NC					84
		2*	6.0	1	2.1	PERQUIMANS	NC		-65			90
		2	2.2			PERSON	NC					
1	.7	2	1.0	2	.6	PITT	NC	51	-39	-7	63	50
		4*	6.9			POLK	NC					
5	1.8	4	1.6	3	.7	RANDOLPH	NC	-12	-54	-60	18	54
2	1.4					RICHMOND	NC					
		1	.5	1	.3	ROBESON	NC		-40			41
6	3.0	6	2.0	3	.9	ROCKINGHAM	NC	-34	-56	-71	08	60
5	1.4	6	1.5	8	1.4	ROWAN	NC	3	-2	1	67	79
4	2.2	7*	3.1			RUTHERFORD	NC	45				
2	1.7	1	.6	1	.5	SAMPSON	NC	-65	-12	-69	10	46
				1	1.1	SCOTLAND	NC					71
1	.8	3	1.9	3	1.3	STANLY	NC	150	-34	64	87	75
2	1.0	1	.5	1	.3	SURRY	NC	-46	-35	-65	13	41
				2	1.9	TRANSYLVANIA	NC					87
		5	2.5	3	1.3	UNION	NC		-48			75
2	2.1	2	2.2	1	1.1	VANCE	NC	5	-48	-45	30	70
5	1.1	11	1.6	12	1.2	WAKE	NC	43	-22	12	73	74
		1	2.6	1	1.6	WARREN	NC		-39			83
1	2.8	3*	7.6			WASHINGTON	NC	171				
4*	5.1	2	2.4			WATAUGA	NC	-53				
2	.8	4	2.0	2	.7	WAYNE	NC	143	-64	-13	60	53
		1	.4	2	.7	WILKES	NC		68			53
3	2.0	6*	3.5	1	.5	WILSON	NC	64	-86	-78	05	44
		2	1.6			YADKIN	NC					
45	1.6	56*	1.9	39	1.2	NORTH DAKOTA	ND	16	-38	-28		
2	2.2	1	.7	1	1.9	BARNES	ND	-69	174	-16	57	87
1	1.7	1	2.1	1	2.4	BOTTINEAU	ND	24	13	40	82	92
		1	4.4	1	7.9	BURKE	ND		81			99
2	1.3	4	2.4	1	.6	BURLEIGH	ND	78	-76	-57	20	47
4	1.3	2	.7	5	1.3	CASS	ND	-49	85	-5	64	75
		2*	5.3			CAVALIER	ND					
1	2.5			1	1.5	DICKEY	ND			-38	38	81
		1	3.8			DIVIDE	ND					
		1	5.2			DUNN	ND					
				2*	11.9	EDDY	ND					99
1*	5.0					GOLDEN VALLEY	ND					
3	1.5	5	2.2			GRAND FORKS	ND	46				
		1	3.6			GRANT	ND					
1	4.7			2*	10.6	GRIGGS	ND			124	93	99
		1	6.5			HETTINGER	ND					
1	6.5			1*	7.4	KIDDER	ND			13	73	99
1	2.4	1	2.0			LA MOURE	ND	-16				
1	3.8					LOGAN	ND					
1	2.3			2*	3.0	MC HENRY	ND			30	79	95
1	1.3	2	3.5	1	1.5	MC LEAN	ND	161	-56	14	73	81
2*	5.8	2*	7.0			MERCER	ND	21				
1	1.1	2	2.2			MORTON	ND	99				
				1	2.1	MOUNTRAIL	ND					89
		2*	4.0	1	3.7	NELSON	ND		-9			96
		1*	8.2			OLIVER	ND					
1	1.7	1	1.6			PEMBINA	ND	-7				
1	2.6					PIERCE	ND					
		3*	4.0			RAMSEY	ND					
		3*	5.2	1	1.7	RANSOM	ND		-68			83
3	3.0	2	1.7	3*	2.3	RICHLAND	ND	-43	35	-23	51	91
2*	7.6					ROLETTE	ND					
1	4.5	2*	5.8			SARGENT	ND	30				
2	2.6	4*	4.7	3*	2.5	STARK	ND	80	-47	-4	65	93
1	4.2			1*	3.5	STEELE	ND			-16	57	96
2	1.9	2	1.4	3	2.5	STUTSMAN	ND	-23	72	32	79	92
1	3.5					TOWNER	ND					
1	2.3	1	1.6			TRAILL	ND	-32				
2	2.1			1	1.3	WALSH	ND			-37	38	77
3	2.0	6	2.7	3	1.3	WARD	ND	36	-52	-35	40	75
		1	2.3	1	1.4	WELLS	ND		-41			78
2	1.9	1	1.0	3*	2.4	WILLIAMS	ND	-48	147	29	78	92
587	1.4	694	1.4	534	1.0	OHIO	OH	5	-31	-28		
2	1.7	3	3.7			ADAMS	OH	115				
8	1.8	7	1.3	8	1.4	ALLEN	OH	-24	8	-18	55	79
1	.4	2	.9	4	1.8	ASHLAND	OH	110	100	321	98	86
4	.8	7	1.5	5	1.0	ASHTABULA	OH	79	-34	18	74	64
3	1.3			2	.7	ATHENS	OH			-44	30	54
1	.6	1	.6	5	2.2	AUGLAIZE	OH	1	274	278	97	91
7	1.6	3	1.0	6	1.4	BELMONT	OH	-39	38	-16	56	77
2	2.0			2	1.6	BROWN	OH			-22	52	82
4	.5	11	1.1	7	.6	BUTLER	OH	128	-50	15	73	47
1	.9	1	.8			CARROLL	OH	-3				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	.6	2	1.3	1	.6	CHAMPAIGN OH	106	-51	1	67	49
8	1.3	9	1.3	9	1.1	CLARK OH	-4	-13	-16	57	70
3	1.0	2	.4	5	1.1	CLERMONT OH	-62	206	17	74	71
1	.7	1	.7	2	.8	CLINTON OH	0	11	11	72	55
9	1.6	9	1.6	6	1.0	COLUMBIANA OH	-2	-40	-41	35	63
3	1.7	5	2.7	3	1.3	COSHOCTON OH	65	-51	-19	54	76
4	1.9	5	2.0	4	1.4	CRAWFORD OH	5	-26	-22	51	79
104	1.4	148*	1.9	95	1.2	CUYAHOGA OH	35	-37	-14	58	73
1	.4	3	1.3	2	.7	DARKE OH	201	-46	62	87	51
2	1.4	2	1.1	2	.9	DEFIANCE OH	-21	-18	-35	40	62
3	2.0	6*	3.1	2	.9	DELAWARE OH	52	-71	-56	21	61
6	1.9	6	1.9	5	1.3	ERIE OH	-4	-32	-35	41	75
5	1.7	5	1.5	4	1.0	FAIRFIELD OH	-9	-37	-43	33	64
2	1.7			1	.5	FAYETTE OH			-73	07	44
53*	2.0	52	1.5	31	.8	FRANKLIN OH	-23	-48	-60	17	56
1	.7	2	1.2	2	1.1	FULTON OH	58	-4	52	84	69
1	.7	6*	4.4	1	.6	GALLIA OH	496	-85	-12	60	50
1	.9	4	1.6	3	.6	GEAUGA OH	65	-60	-34	41	49
5	2.0	6	1.3	2	.5	GREENE OH	-35	-64	-77	05	44
2	1.0	2	.8	4	1.6	GUERNSEY OH	-14	93	66	87	83
58	1.4	45	1.1	39	.9	HAMILTON OH	-27	-16	-39	37	60
9*	3.2	2	.7	6	1.7	HANCOCK OH	-77	130	-48	28	84
2	1.0	2	1.5	3	2.0	HARDIN OH	51	32	100	91	89
1	1.0	1	.7	1	1.2	HARRISON OH	-32	64	11	72	71
1	.8	1	.5	2	1.1	HENRY OH	-40	129	36	80	70
2	1.6	2	1.1	1	.4	HIGHLAND OH	-29	-66	-76	06	42
1	1.0	1	1.0	1	.9	HOCKING OH	-9	-4	-12	60	62
1	1.1	4*	4.0	1	.8	HOLMES OH	255	-79	-27	48	58
3	1.3	3	1.4	3	1.1	HURON OH	8	-22	-16	57	70
5*	3.4			1	.5	JACKSON OH			-85	01	45
7	1.5	8	1.6	1	.2	JEFFERSON OH	10	-90	-89	00	40
3	1.5	1	.6	5	2.0	KNOX OH	-62	272	41	82	89
12*	2.4	10	1.3	14	1.5	LAKE OH	-47	19	-37	39	80
1	.4	4	1.4	7*	2.1	LAWRENCE OH	256	49	431	99	89
5	1.2	6	1.1	9	1.4	LICKING OH	-3	27	23	76	79
2	1.1	3	1.6	2	1.0	LOGAN OH	43	-39	-12	60	65
6	.8	15	1.5	10	.8	LORAIN OH	88	-49	-4	65	54
27	1.3	35	1.5	17	.8	LUCAS OH	17	-51	-42	34	55
3	2.6	1	.8	2	1.5	MADISON OH	-69	84	-43	33	80
11	.9	29*	2.1	12	.8	MAHONING OH	138	-60	-4	64	58
6	2.1	2	.6	3	.8	MARION OH	-71	39	-60	18	58
3	1.0	3	.9	6	1.2	MEDINA OH	-9	33	21	75	74
		4*	3.4			MEIGS OH					
3	1.9	2	1.3	5*	2.6	MERCER OH	-32	107	40	82	93
6	1.9	4	1.0	4	.9	MIAMI OH	-46	-16	-55	22	60
		1	1.4	1	1.3	MONROE OH		-4			76
35	1.8	30	1.2	22	.8	MONTGOMERY OH	-33	-34	-56	21	56
				1	.8	MORGAN OH					56
2	2.3	2	1.7			MORROW OH	-24				
5	1.2	6	1.4	1	.2	MUSKINGUM OH	14	-83	-80	03	40
		1	1.9	1	1.0	NOBLE OH		-44			67
2	1.3	2	1.0	2	1.0	OTTAWA OH	-24	2	-22	51	67
2	2.5			1	1.1	PAULDING OH			-57	20	69
1	.5	1	.5			PERRY OH	-1				
4	2.4	2	1.0	1	.4	PICKAWAY OH	-59	-56	-82	03	44
		1	1.0	1	1.0	PIKE OH		-5			65
4	1.2	6	1.4	5	1.0	PORTAGE OH	15	-30	-20	54	65
6*	3.3	2	1.2	2	1.0	PREBLE OH	-63	-14	-69	10	66
2	1.7	2	1.5	1	.7	PUTNAM OH	-10	-53	-58	19	52
7	1.4	6	1.1	6	.9	RICHLAND OH	-24	-11	-32	43	63
4	1.5	3	.9	2	.5	ROSS OH	-36	-42	-63	15	46
3	1.0	6	2.0	3	.8	SANDUSKY OH	97	-59	-20	53	57
3	.8	4	.9	2	.4	SCIOTO OH	21	-54	-44	31	43
3	.9	6	2.0	4	1.3	SENECA OH	116	-36	37	81	76
1	.7	1	.5	2	.9	SHELBY OH	-34	94	28	78	60
17	1.1	25	1.4	26	1.3	STARK OH	29	-5	23	76	76
26	1.2	40	1.6	36	1.3	SUMMIT OH	35	-19	9	71	75
8	.9	14	1.4	11	.9	TRUMBULL OH	66	-34	9	71	63
4	1.0	8	2.0	9*	2.0	TUSCARAWAS OH	104	-1	102	91	88
3	2.2	1	1.0	1	.8	UNION OH	-53	-21	-63	15	58
1	.6	4	2.5	1	.6	VAN WERT OH	344	-77	4	69	48
1	2.1					VINTON OH					
1	.5	5	1.5	5	1.3	WARREN OH	176	-9	150	94	77
2	.9	2	.7	2	.5	WASHINGTON OH	-19	-21	-36	39	46
9*	2.8	4	1.0	1	.2	WAYNE OH	-64	-62	-94	00	40
3	2.2	3	1.6	2	1.1	WILLIAMS OH	-26	-30	-48	27	70
2	.7	6	1.5	3	.6	WOOD OH	117	-60	-12	60	48
		2	1.6	1	.8	WYANDOT OH		-52			55
107	1.0	143	1.2	132	.9	OKLAHOMA OK	16	-22	-10		
		3*	3.9	1	1.9	ALFALFA OK		-52			87
		1	2.3			ATOKA OK					
				1	.4	BECKHAM OK					43
		1	2.0			BLAINE OK					
		2	1.4			BRYAN OK					
1	.7	1	.8	1	.5	CADDO OK	23	-44	-31	44	44
		1	.8	3	1.5	CANADIAN OK		106			81
1	.8			4	1.5	CARTER OK			94	91	80
		1	.9			CHEROKEE OK					
1	2.4	1	.9			CHOCTAW OK	-64				
1	.4	5	1.7	4	.9	CLEVELAND OK	289	-46	111	92	63
2*	4.9					COAL OK					
3	1.1	4	1.4	1	.3	COMANCHE OK	32	-81	-75	07	40
1	1.7					COTTON OK					
2	1.9					CRAIG OK					
1	.4	2	.9	2	.7	CREEK OK	109	-21	64	87	51
1	1.2	3	2.7	1	.9	CUSTER OK	127	-65	-20	53	63
				2	2.4	DELAWARE OK					92
2*	6.8					ELLIS OK					
3	1.0	1	.3	7*	2.2	GARFIELD OK	-70	610	110	92	90

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
4	2.8	1	.8	1	.4	GARVIN OK	-73	-53	-87	01	42
2	1.1	1	.8	2	.9	GRADY OK	-29	17	-17	56	62
				2*	2.5	GRANT OK					93
		1	1.0			GREER OK					
		1	2.1			HARMON OK					
		1	2.9			HARPER OK					
		2	1.5			HUGHES OK					
		1	.6	2	1.5	JACKSON OK		134			80
		2	3.3	1	2.0	JEFFERSON OK		-38			89
1	.4	1	.6	2	.6	KAY OK	45	-2	42	82	47
2	3.1			2	2.0	KINGFISHER OK			-36	39	88
		1	.8			KIOWA OK					
		2	.9			LE FLORE OK					
		2	2.1	1	.7	LINCOLN OK		-66			53
1	.9	1	.8			LOGAN OK	-14				
1	2.9	1	2.6			LOVE OK	-10				
1	1.3	1	1.0	3*	3.7	MC CLAIN OK	22	127	176	95	96
4*	4.4					MC CURTAIN OK					
1	2.6	2	4.6			MAJOR OK	75				
2*	4.7			1	1.2	MARSHALL OK			-75	07	72
1	.9	3	2.8			MAYES OK	219				
1	.4	6	2.0	6	1.4	MUSKOGEE OK	407	-27	268	97	79
1	1.4	1	2.9			NOBLE OK	109				
2	3.4					NOWATA OK					
1	1.8					OKFUSKEE OK					
19	1.1	25	1.2	29	1.1	OKLAHOMA OK	8	-10	-4	65	68
2	1.2			1	.8	OKMULGEE OK			-36	39	56
1	.7	5*	3.4	1	.5	OSAGE OK	423	-86	-24	50	45
2	1.2	3	1.8	1	.4	OTTAWA OK	53	-78	-66	12	43
1	2.1					PAWNEE OK					
1	.6	4	1.7	1	.7	PAYNE OK	200	-58	26	77	52
3	2.0	6*	3.4	6*	2.4	PITTSBURG OK	75	-31	21	75	92
2	1.4			1	.3	PONTOTOC OK			-78	05	41
2	.9	1	.3	5	1.7	POTTAWATOMIE OK	-68	446	76	89	83
				1	1.0	PUSHMATAHA OK					67
1	.5	4	1.8	4	1.8	STEPHENS OK	235	1	239	97	85
1	1.2	1	1.4	1	1.4	TEXAS OK	21	-2	18	74	77
2	2.3	1	1.0	1	.7	TILLMAN OK	-57	-30	-70	10	52
20	1.4	32	1.9	23	1.1	TULSA OK	38	-44	-22	51	67
1	1.3					WAGONER OK					
2	1.1	4	1.7	1	.4	WASHINGTON OK	61	-77	-62	15	43
1	.9			1	1.3	WASHITA OK			40	82	75
				1	1.8	WOODS OK					86
2	2.1			4*	3.7	WOODWARD OK			81	89	97
109	1.3	133	1.3	96	.7	OREGON OR	1	-44	-44		
1	1.5					BAKER OR					
2	1.2					BENTON OR					
12*	2.4	8	1.1	6	.6	CLACKAMAS OR	-54	-47	-75	06	48
1	.5	2	1.0	1	.5	CLATSOP OR	89	-54	-13	59	44
		1	.8			COLUMBIA OR					
3	1.4	5	2.1	4	1.1	COOS OR	46	-46	-21	52	70
4*	9.3					CROOK OR					
1	1.9					CURRY OR					
2	2.4	2	1.6	1	.3	DESCHUTES OR	-36	-81	-88	00	41
1	.4	3	1.0	1	.2	DOUGLAS OR	134	-76	-43	33	40
1	7.3					HARNEY OR					
		2	2.7			HOOD RIVER OR					
3	.8	7	1.5	8	1.3	JACKSON OR	89	-13	64	87	76
		1	3.0			JEFFERSON OR					
3	1.8	3	1.7	5	1.9	JOSEPHINE OR	-10	16	5	69	87
3	1.9	3	1.5	1	.4	KLAMATH OR	-21	-73	-79	04	43
8	1.2	7	.8	11	.9	LANE OR	-34	10	-27	48	59
		3	2.2	3	1.2	LINCOLN OR		-44			74
1	.3	1	.3	2	.5	LINN OR	24	46	80	89	45
		2	1.8			MALHEUR OR					
7	1.1	9	1.2	11	1.2	MARION OR	6	1	7	70	72
43	1.6	50	1.6	30	.8	MULTNOMAH OR	4	-51	-49	26	57
2	1.6	4	2.4	2	1.1	POLK OR	51	-54	-30	44	69
1	1.2	2	2.1	1	.7	TILLAMOOK OR	77	-67	-41	34	52
2	.9	3	1.3			UMATILLA OR	37				
		2	2.2	1	1.1	UNION OR		-51			68
				1	3.3	WALLOWA OR					96
		2	2.1	3	2.8	WASCO OR		32			94
5	1.3	9	1.7	4	.4	WASHINGTON OR	28	-78	-72	08	42
		1*	8.8			WHEELER OR					
3	1.6	1	.5			YAMHILL OR	-69				
716	1.3	867	1.5	751*	1.2	PENNSYLVANIA PA	11	-21	-13		
8*	3.2	4	1.4	3	1.0	ADAMS PA	-56	-31	-70	09	64
85	1.1	139*	1.7	111*	1.2	ALLEGHENY PA	50	-25	12	72	74
5	1.2	5	1.5	3	.6	ARMSTRONG PA	25	-56	-44	30	50
18	2.0	11	1.2	19*	1.7	BEAVER PA	-40	42	-15	58	84
2	1.0	1	.4	2	.7	BEDFORD PA	-58	54	-35	40	51
24	1.6	25	1.5	16	.9	BERKS PA	-4	-42	-44	31	61
12	1.5	11	1.4	18*	2.0	BLAIR PA	-4	42	37	81	89
2	.7			4	1.1	BRADFORD PA			53	84	68
14	1.5	19	1.3	18	.9	BUCKS PA	-15	-33	-43	33	60
6	1.1	7	1.2	7	.9	BUTLER PA	6	-20	-16	57	63
11	1.1	14	1.3	13	1.3	CAMBRIA PA	21	-6	13	73	74
7	2.2	3	1.1	9*	2.4	CARBON PA	-48	112	10	72	92
4	1.3	5	1.3	9*	1.9	CENTRE PA	-1	54	53	84	87
8	1.0	19	1.7	16	1.1	CHESTER PA	68	-36	7	70	68
2	1.1	2	.8	2	.7	CLARION PA	-26	-19	-40	35	52
5	1.1	4	.9	5	1.3	CLEARFIELD PA	-19	41	14	73	75
		3	1.5	1	.4	CLINTON PA		-70			44
1	.4	2	.7	6	1.7	COLUMBIA PA	97	140	373	99	85
6	1.4	5	1.2	4	.8	CRAWFORD PA	-18	-34	-46	29	55
9	1.5	12	1.6	13	1.5	CUMBERLAND PA	11	-10	0	67	80

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
12	1.1	14	1.2	12	.9	DAUPHIN	PA	7	-26	-21	52	59
44	1.9	42	1.4	38	1.2	DELAWARE	PA	-26	-14	-36	39	73
2	1.1	5	2.6	4	2.0	ELK	PA	141	-21	90	90	89
16	1.4	13	1.0	13	.9	ERIE	PA	-24	-9	-31	44	63
9	1.0	10	1.2	11	1.2	FAYETTE	PA	12	5	18	74	73
				1	4.8	FOREST	PA					98
3	.8	3	.6	8	1.5	FRANKLIN	PA	-24	152	91	90	80
1	2.1	1	2.0			FULTON	PA	-5				
3	1.4	1	.4	2	.7	GREENE	PA	-69	76	-45	30	54
1	.5	1	.5	3	1.4	HUNTINGDON	PA	-6	179	162	95	78
1	.3	6	1.5	2	.4	INDIANA	PA	384	-71	39	81	44
2	.9	6	2.6	3	.9	JEFFERSON	PA	194	-65	3	69	62
1	1.4	2	2.1	1	1.0	JUNIATA	PA	53	-55	-31	44	64
19	1.3	20	1.4	8	.5	LACKAWANNA	PA	9	-63	-60	18	46
12	.9	27	1.7	29*	1.6	LANCASTER	PA	96	-11	75	88	81
11	2.2	8	1.4	6	.9	LAWRENCE	PA	-37	-31	-56	21	63
7	1.5	8	1.7	5	1.0	LEBANON	PA	8	-41	-36	39	65
15	1.3	19	1.4	8	.5	LEHIGH	PA	12	-68	-65	13	44
32	1.6	19	.9	20	.8	LUZERNE	PA	-44	-4	-46	29	59
7	1.2	11	1.7	17*	2.5	LYCOMING	PA	43	50	115	92	93
3	1.1	2	.6	2	.6	MC KEAN	PA	-45	11	-39	36	50
12	1.9	11	1.8	7	.9	MERCER	PA	-5	-47	-49	26	63
1	.3	6	2.6	2	.7	MIFFLIN	PA	668	-73	104	92	51
3	1.5	3	1.2	5	1.4	MONROE	PA	-23	17	-10	62	77
35	1.5	44	1.5	53*	1.5	MONTGOMERY	PA	-2	3	1	68	81
				2	2.5	MONTOUR	PA					92
14	1.4	18	1.5	16	1.3	NORTHAMPTON	PA	5	-17	-12	60	74
3	.6	13	2.2	6	.7	NORTHUMBERLAND	PA	271	-69	16	74	52
		2	1.3			PERRY	PA					
139	1.5	155*	1.8	96	1.2	PHILADELPHIA	PA	18	-33	-21	53	73
1	1.6			2	1.4	PIKE	PA			-15	58	78
1	1.2	4*	4.3			POTTER	PA	258				
11	1.0	13	1.3	15	1.2	SCHUYLKILL	PA	35	-7	25	77	74
2	1.7	4	3.0	1	.7	SNYDER	PA	70	-76	-60	18	52
3	.6	9	2.0	5	1.0	SOMERSET	PA	206	-48	59	86	66
1	3.1	1	3.6	1	3.8	SULLIVAN	PA	18	5	24	76	97
1	.8	3	1.7	1	.5	SUSQUEHANNA	PA	124	-69	-30	46	46
2	1.2	2	1.1	1	.4	TIOGA	PA	-12	-59	-64	14	44
2	1.6	2	1.5			UNION	PA	-15				
5	1.4	3	.9	4	1.2	VENANGO	PA	-33	31	-13	60	73
2	.7	1	.4	5	1.7	WARREN	PA	-45	361	153	94	85
13	1.3	15	1.4	20*	1.6	WASHINGTON	PA	8	11	20	75	81
5*	4.3	2	.8	4	1.6	WAYNE	PA	-81	95	-63	15	82
17	1.1	28	1.5	20	.9	WESTMORELAND	PA	35	-38	-16	57	62
4*	4.0	1	.9			WYOMING	PA	-78				
9	.8	18	1.4	13	.8	YORK	PA	78	-44	0	67	56
86*	2.0	91*	1.9	72*	1.3	RHODE ISLAND	RI	-4	-32	-35		
3	1.8	4	2.0	2	.9	BRISTOL	RI	12	-54	-49	26	61
5	.9	18*	2.8	6	.7	KENT	RI	204	-74	-20	53	54
10*	3.4	8	2.2	4	.9	NEWPORT	RI	-35	-59	-73	07	62
64*	2.0	57	1.8	56*	1.6	PROVIDENCE	RI	-11	-12	-21	52	82
4	1.6	4	1.4	4	.9	WASHINGTON	RI	-13	-34	-43	32	61
54	.9	78	1.0	86	.8	SOUTH CAROLINA	SC	5	-13	-9		
		1	1.2			ABBEVILLE	SC					
2	1.3	2	.6	4	1.0	AIKEN	SC	-53	72	-20	54	67
7	2.1	5	1.2	5	.8	ANDERSON	SC	-45	-30	-61	17	57
1	2.4			1	2.0	BARNWELL	SC			-17	55	88
		1	1.3	1	.2	BERKELEY	SC		-81			40
1	4.1					CALHOUN	SC					
2	.4	6	.7	12	1.6	CHARLESTON	SC	93	113	312	98	82
		1	.6	2	1.3	CHEROKEE	SC		99			75
1	1.2	3	3.2	1	1.3	CHESTER	SC	161	-61	2	68	75
		1	1.2			CHESTERFIELD	SC					
1	2.8	1	2.0	1	1.5	CLARENDON	SC	-30	-23	-46	29	80
		3*	3.7			COLLETON	SC					
		2	1.3	1	.6	DARLINGTON	SC		-53			48
1	1.7	2	2.7			DILLON	SC	59				
				3	2.0	DORCHESTER	SC					88
1	3.3					EDGEFIELD	SC					
				2*	3.0	FAIRFIELD	SC					95
2	1.5	1	.4	4	1.3	FLORENCE	SC	-74	243	-11	61	76
		1	1.4	1	1.1	GEORGETOWN	SC		-17			70
5	.7	9	.9	11	1.0	GREENVILLE	SC	39	8	50	84	65
4	3.2	3	1.7			GREENWOOD	SC	-46				
2*	6.3	1	2.3			HAMPTON	SC	-63				
		2	1.0	3	1.0	HORRY	SC		4			66
1	4.9					JASPER	SC					
		1	.8	3	2.1	KERSHAW	SC		167			89
		2	1.3			LANCASTER	SC					
1	.7	1	.5	1	.4	LAURENS	SC	-25	-33	-49	26	42
		2*	4.7	1	2.7	LEE	SC		-43			93
4	2.2	2	.5	2	.3	LEXINGTON	SC	-77	-39	-86	01	41
1	1.6			1	.9	MARION	SC			-44	31	60
2	3.0			2	2.3	MARLBORO	SC			-23	51	91
1	1.1					NEWBERRY	SC					
1	.7	2	1.0			OCONEE	SC	44				
		1	.6			ORANGEBURG	SC					
3	1.7	3	1.5	3	.9	PICKENS	SC	-14	-39	-47	28	61
3	.5	4	.6	2	.3	RICHLAND	SC	23	-58	-48	27	40
		1	2.0			SALUDA	SC					
4	.8	2	.3	9	1.0	SPARTANBURG	SC	-68	294	25	77	67
		5	3.0	2	1.0	SUMTER	SC		-68			64
1	1.0	1	.9	3	2.0	UNION	SC	-10	123	100	91	88
				3*	4.1	WILLIAMSBURG	SC					97
2	.7	6	2.0	2	.5	YORK	SC	185	-76	-32	43	45

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50	1.6	60	1.8	31	.8	SOUTH DAKOTA SD	10	-57	-52		
		1	2.9			AURORA SD					
2	2.0	1	1.1	4*	2.8	BEADLE SD	-43	149	43	82	94
2	4.9	1	1.9			BON HOMME SD	-62				
3	3.8	3	2.6	2	1.1	BROOKINGS SD	-30	-57	-70	09	71
2	1.2	4	2.3	1	.4	BROWN SD	93	-82	-66	12	43
1	3.0					BRULE SD					
		1*	6.0			CAMPBELL SD					
3*	6.0	4*	8.1			CHARLES MIX SD	36				
2	3.7					CLAY SD					
2	2.2	1	.8	1	.8	CODINGTON SD	-63	5	-62	16	58
1	3.8					CUSTER SD					
		6*	5.3	1	1.3	DAVISON SD		-76			75
2	3.6			1	.9	DAY SD			-76	05	60
		1	2.7			DEUEL SD					
		1*	6.0			DEWEY SD					
		1	4.5			EDMUNDS SD					
2	3.9	2	3.2			FALL RIVER SD	-18				
1	5.7					FAULK SD					
		1	2.3	2*	5.1	GRANT SD		117			98
				2*	3.7	HAMLIN SD					96
		1	4.0			HANSON SD					
1	2.5	1	1.3			HUGHES SD	-50				
2	2.9					HUTCHINSON SD					
1*	6.4					HYDE SD					
1*	8.2					JACKSON SD					
1	3.6					JERAULD SD					
2	3.5			2*	7.9	KINGSBURY SD			125	93	99
		4*	6.0	1	.5	LAKE SD		-92			45
				1	1.0	LAWRENCE SD					66
		1	1.3	1	.7	LINCOLN SD		-47			51
1*	6.4					LYMAN SD					
		1	6.2	1	2.2	MC COOK SD		-65			90
2	4.7					MEADE SD					
1*	15.1					MELLETTE SD					
7	1.6	11	2.4	4	.4	MINNEHAHA SD	45	-82	-74	07	43
1	1.9	3*	6.0			MOODY SD	210				
		2	.8	2	.7	PENNINGTON SD		-12			52
		1	5.8			PERKINS SD					
1	5.3					POTTER SD					
1	1.6					ROBERTS SD					
1	1.6	2	3.5			SPINK SD	115				
		1*	6.5	1*	11.3	SULLY SD		74			99
		1	2.6	1	3.3	TRIPP SD		26			96
				1	1.9	TURNER SD					88
1	1.8			1	.9	UNION SD			-52	24	60
1	3.3	2*	4.5			WALWORTH SD	35				
1	.9	1	.8	1	.8	YANKTON SD	-13	-1	-14	59	56
1*	15.3					ZIEBACH SD					
148	1.1	206	1.3	174	.8	TENNESSEE TN	16	-32	-21		
1	.3	4	1.4	2	.6	ANDERSON TN	391	-59	103	92	47
2	1.9	2	1.6			BEDFORD TN	-18				
1	2.0					BENTON TN					
		1	3.0	1	2.0	BLEDSOE TN		-34			88
		3	.9	7	1.9	BLOUNT TN		106			87
1	.7	1	.5	2	.8	BRADLEY TN	-25	44	8	71	55
1	.5	2	1.3			CAMPBELL TN	151				
		1	1.6			CANNON TN					
4*	3.2	3	2.5	1	.9	CARROLL TN	-21	-62	-70	09	63
		2	1.0	1	.4	CARTER TN		-60			43
		1	2.0	1	1.2	CHEATHAM TN		-38			74
				1	1.5	CHESTER TN					81
		1	2.3	1	3.1	CLAY TN		36			95
		2	1.6	1	.7	COCKE TN		-55			53
1	.6	2	1.5	1	.6	COFFEE TN	150	-59	3	68	49
1	1.6			1	.9	CROCKETT TN			-44	31	60
		2	1.9			CUMBERLAND TN					
20	1.4	21	1.1	25	1.1	DAVIDSON TN	-18	2	-17	56	71
1	2.2			1	1.3	DECATUR TN			-40	35	76
		1	2.2			DE KALB TN					
		1	1.0	1	.7	DICKSON TN		-30			52
1	.7	3	2.0			DYER TN	175				
1	2.3					FAYETTE TN					
1	2.2					FENTRESS TN					
1	.8	1	.7	1	.6	FRANKLIN TN	-14	-17	-29	47	48
1	.5	6	2.7	5	1.7	GIBSON TN	412	-37	220	96	84
		1	1.5	2	1.1	GILES TN		-24			71
1	2.0	2	3.0	1	1.3	GRAINGER TN	48	-56	-35	40	76
1	.4	2	1.0	3	1.1	GREENE TN	140	13	172	95	68
1	2.3	1	1.8	1	1.3	GRUNDY TN	-20	-30	-44	31	75
1	.9	1	.4	1	.4	HAMBLEN TN	-54	-6	-57	20	43
9	1.1	12	1.2	11	.8	HAMILTON TN	11	-29	-21	52	58
2	2.1					HARDEMAN TN					
2	2.8	4*	4.2			HARDIN TN	49				
1	.8	5*	3.3	1	.4	HAWKINS TN	330	-87	-46	29	43
3*	5.8	1	1.9	1	1.1	HAYWOOD TN	-67	-45	-82	03	67
1	1.5	1	1.1	2	1.7	HENDERSON TN	-27	59	15	74	84
2	1.7	1	1.0	2	1.4	HENRY TN	-40	38	-18	55	78
				1	1.4	HICKMAN TN					77
				1	1.2	HUMPHREYS TN					71
1	1.8			1	2.2	JACKSON TN			23	76	90
2	2.0			1	.7	JEFFERSON TN			-65	12	51
				1	1.0	JOHNSON TN					67
10	.9	21	1.6	14	.9	KNOX TN	78	-46	-3	65	60
				1	2.2	LAKE TN					90
		2	2.8			LAUDERDALE TN					
		3	2.0			LAWRENCE TN					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	3.4					LEWIS TN					
		2	1.9			LINCOLN TN					
		2	1.7			LOUDON TN					
2	1.3	2	1.2			MC MINN TN	-11				
				2	1.7	MC NAIRY TN					84
1	2.1	2	3.0			MACON TN	41				
4	1.7	3	1.1	4	1.1	MADISON TN	-36	4	-33	42	69
2	2.7					MARION TN					
		3	2.7	1	.7	MARSHALL TN		-74			52
4	2.5	1	.7	3	1.2	MAURY TN	-72	64	-54	23	71
1	6.1					MEIGS TN					
1	1.0	3	2.7			MONROE TN	181				
1	.3	2	1.2	1	.4	MONTGOMERY TN	280	-64	36	80	43
		1*	4.3	1*	4.6	MOORE TN		6			98
1	1.7					MORGAN TN					
		2	1.4	1	.7	OBION TN		-46			53
		2	2.4			OVERTON TN					
1	1.1			2	3.0	POLK TN			185	96	95
2	1.7	1	.6	4	1.5	PUTNAM TN	-63	143	-10	62	81
1	1.7	1	1.2	3*	2.7	RHEA TN	-31	126	57	85	93
		4	2.4			ROANE TN					
4*	3.3	1	1.0	1	.5	ROBERTSON TN	-71	-52	-86	01	45
4	2.2	1	.4	3	.9	RUTHERFORD TN	-83	148	-57	20	63
		1	1.2			SCOTT TN					
1	1.1	1	.8	1	.5	SEVIER TN	-28	-43	-59	19	44
23	1.2	30	1.4	26	1.0	SHELBY TN	15	-25	-14	59	67
1	1.5					SMITH TN					
		1	2.0			STEWART TN					
3	1.0	4	.7	8	1.1	SULLIVAN TN	-31	60	10	72	69
2	1.4	2	1.0	7*	2.1	SUMNER TN	-24	104	55	85	90
1	1.0			2	1.7	TIPTON TN			67	87	85
		1	4.5			TROUSDALE TN					
2	2.5					UNICOI TN					
		1	2.7			UNION TN					
1	.9					WARREN TN					
5	1.6	7	2.1	2	.4	WASHINGTON TN	34	-81	-75	06	43
		2	3.8			WAYNE TN					
2	1.2	1	.5	1	.8	WEAKLEY TN	-58	53	-36	39	56
		1	1.1			WHITE TN					
1	1.0	4	2.8	2	1.0	WILLIAMSON TN	186	-64	2	68	65
1	.7			1	.4	WILSON TN			-48	27	42
386	1.1	513	1.2	503	.9	TEXAS TX	5	-22	-19		
		1	.6			ANDERSON TX					
				1	2.8	ANDREWS TX					94
1	.6	1	.5	1	.3	ANGELINA TX	-27	-39	-56	21	40
				1	1.5	ARANSAS TX					76
		2*	6.4	1	1.9	ARCHER TX		-70			87
		1*	7.0	1*	9.9	ARMSTRONG TX		41			99
1	1.1	1	1.3	1	.7	ATASCOSA TX	22	-43	-30	45	54
1	1.2					AUSTIN TX					
				1	2.2	BAILEY TX					91
				2	2.2	BASTROP TX					90
				1	1.5	BAYLOR TX					81
1	1.1					BEE TX					
3	1.0	5	1.3	10*	1.9	BELL TX	25	55	94	91	88
37	1.5	44	1.4	50	1.3	BEXAR TX	-7	-4	-11	61	76
				1*	20.6	BORDEN TX					99
1	1.1			2	1.0	BOSQUE TX			-4	65	66
4	1.7	2	.7	2	.6	BOWIE TX	-61	-18	-68	11	47
		7	2.5	5	1.2	BRAZORIA TX		-51			73
		2	1.2	2	.8	BRAZOS TX		-34			55
		2*	5.9			BREWSTER TX					
		1*	5.6			BRISCOE TX					
1	3.5			1	2.7	BROOKS TX			-25	50	93
1	.6	5	2.8	2	1.1	BROWN TX	372	-59	95	91	71
		2	3.4			BURNET TX					
				1	1.6	CALDWELL TX					82
				1	1.4	CALHOUN TX					79
1	1.6	1	4.0			CALLAHAN TX	151				
6	1.2	6	.9	7	1.0	CAMERON TX	-24	2	-22	52	64
				1	5.9	CAMP TX					99
				2*	6.4	CARSON TX					99
3	2.9	2	1.7	1	.6	CASS TX	-42	-62	-78	04	49
		1	1.6			CASTRO TX					
				1	1.2	CHAMBERS TX					73
3	2.1	2	2.0			CHEROKEE TX	-4				
2	3.6					CHILDRESS TX					
1	2.1			1	1.7	CLAY TX			-17	56	84
		3*	15.4			COKE TX					
2	.9	1	.3	4	.7	COLLIN TX	-64	117	-22	51	53
1	3.1					COLLINGSWORTH TX					
1	1.1			2	.9	COMAL TX			-17	56	62
				2	1.6	COMANCHE TX					83
4*	3.4	3	2.0	1	.6	COOKE TX	-40	-72	-83	02	47
1	1.0	1	.6	1	.6	CORYELL TX	-38	6	-35	40	49
		1*	6.3			CROCKETT TX					
		2*	4.3			CROSBY TX					
1	2.8					DALLAM TX					
49	1.5	52	1.2	50	.8	DALLAS TX	-23	-27	-44	32	59
				1	.9	DAWSON TX					61
		1	1.3			DEAF SMITH TX					
5	2.5	1	.3			DENTON TX	-88				
				1	1.7	DE WITT TX					83
1	2.6	1	2.9	1	2.5	DIMMIT TX	11	-13	-3	65	93
		1	9.2	1	3.4	DONLEY TX		-63			96
1	2.0					DUVAL TX					
3	1.9	2	.9			EASTLAND TX	-51				
2	2.0	1	.2	5	1.2	ECTOR TX	-90	514	-39	36	73
2	.9			1	.3	ELLIS TX			-65	13	41

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
8	.8	26	2.2	11	.8	EL PASO TX	157	-65	-11	61	55
		2	2.1	1	.8	EPATH TX		-62			57
1	.6					FANNIN TX					
1	1.3	3	3.0	1	1.7	FAYETTE TX	123	-44	26	77	84
				1	1.5	FISHER TX					80
1	2.0					FLOYD TX					
		1*	6.3			FOARD TX					
2	2.2	3	2.0	3	.5	FORT BEND TX	-12	-76	-79	04	45
1	2.6					FRANKLIN TX					
		2	4.9			FREESTONE TX					
		2	4.1	1	2.0	FRIO TX		-52			88
		1	2.2			GAINES TX					
6	1.3	4	.7	8	1.1	GALVESTON TX	-49	71	-13	60	70
				1	3.1	GARZA TX					95
		1	1.3	2	2.1	GILLESPIE TX		52			89
		1	.9	2	1.6	GONZALES TX		82			83
2	2.0	2	1.5	2	1.1	GRAY TX	-26	-26	-46	29	69
3	.8	6	1.3	5	1.0	GRAYSON TX	63	-17	36	80	67
1	.5	4	1.3	4	.9	GREGG TX	147	-29	74	88	63
1	1.9			1	1.2	GRIMES TX			-38	37	72
3	3.5	2	1.3	2	1.0	GUADALUPE TX	-64	-19	-71	09	66
1	.8	3	1.9			HALE TX	148				
2*	5.3					HALL TX					
2	3.1	3*	4.0			HAMILTON TX	28				
		1	1.9			HARDEMAN TX					
1	1.1	1	.9	1	.7	HARDIN TX	-16	-31	-42	34	50
46	1.3	51	1.0	55	.8	HARRIS TX	-27	-21	-42	33	55
1	.7	1	.5			HARRISON TX	-28				
				1*	4.8	HARTLEY TX					98
1	3.6					HASKELL TX					
1	1.4	2	2.2			HAYS TX	52				
1*	4.6					HEMPHILL TX					
2	1.7			1	.7	HENDERSON TX			-62	15	50
3	.5	3	.4	6	.6	HIDALGO TX	-9	35	23	76	48
1	.6	2	.9	1	.3	HILL TX	43	-61	-44	31	42
1	.9	1	.9			HOCKLEY TX	-10				
				3*	5.5	HOOD TX					99
3	2.5			2	.9	HOPKINS TX			-64	14	62
				2	1.2	HOWARD TX					71
3	1.4	2	1.1	4	1.7	HUNT TX	-22	55	20	75	83
1	1.5	2	2.0	1	.7	HUTCHINSON TX	35	-66	-54	23	52
1	2.4	1	1.4			JACK TX	-42				
1	1.8					JACKSON TX					
				2	2.0	JASPER TX					88
8	1.2	9	1.1	9	.8	JEFFERSON TX	-11	-25	-33	41	57
		3*	13.0			JIM HOGG TX					
2	1.6			1	.6	JIM WELLS TX			-61	17	50
4	2.3	4	1.5	7*	2.2	JOHNSON TX	-36	47	-6	64	90
		1	1.3	1	.7	JONES TX		-44			53
2	2.2	1	1.1	1	1.1	KARNES TX	-49	-5	-51	24	69
1	.6	1	.4	2	.9	KAUFMAN TX	-34	124	49	84	60
1*	9.4					KENT TX					
		1	1.1	2	1.7	KLEBERG TX		56			84
		1	2.0			KNOX TX					
3	2.2	1	.4	3	1.0	LAMAR TX	-80	127	-55	22	65
		2	1.8	1	.8	LAMB TX		-58			55
2	3.7			1	1.2	LAMPASAS TX			-69	10	71
				1*	4.5	LA SALLE TX					98
		1	.6	3	1.9	LAVACA TX		230			87
2*	4.1					LEE TX					
1	2.2			1	1.4	LEON TX			-37	38	78
		3	2.4	1	.5	LIBERTY TX		-80			45
1	1.6	1	.7			LIMESTONE TX	-53				
1*	5.4					LIPSCOMB TX					
1	2.3			1	1.9	LIVE OAK TX			-16	57	87
1	2.6	1	3.7	1	.8	LLANO TX	42	-79	-70	09	56
4	.8	5	.6	6	.7	LUBBOCK TX	-19	15	-6	63	54
1	2.0					LYNN TX					
6	1.0	8	1.2	4	.4	MC LENNAN TX	15	-63	-58	20	44
		1	4.3			MARION TX					
				1*	4.0	MARTIN TX					97
				1	1.4	MASON TX					79
2	2.3	1	1.0	4*	3.1	MATAGORDA TX	-55	204	36	80	95
1	2.3	1	1.3			MAVERICK TX	-44				
2	2.4	5*	5.2			MEDINA TX	118				
		1	3.6			MENARD TX					
1	.4	3	1.2	2	.6	MIDLAND TX	202	-47	62	86	49
		1	.9	1	1.2	MILAM TX		34			74
		1	1.7			MILLS TX					
2	3.5			1	1.0	MITCHELL TX			-72	08	64
1	1.0	2	2.2	2	.8	MONTAGUE TX	112	-65	-25	49	56
1	1.2	1	.8	2	.4	MONTGOMERY TX	-38	-45	-66	12	43
1	2.7	2	4.4	1	1.9	MORRIS TX	64	-58	-31	44	86
		1*	5.1			MOTLEY TX					
1	.8	3	2.0	1	.4	NACOGDOCHES TX	142	-79	-49	26	43
		1	.4	1	.3	NAVARRO TX		-9			41
				2*	4.0	NEWTON TX					97
		1	1.1	1	1.3	NOLAN TX		19			76
11	2.0	21*	2.4	18*	1.7	NUECES TX	20	-29	-15	58	84
		1	2.3			OCHILTREE TX					
1	.5	5	2.0	4	1.3	ORANGE TX	318	-34	174	95	75
1	.8	2	1.5	1	.8	PALO PINTO TX	94	-47	3	68	57
2	1.6	1	.6			PARKER TX	-61				
1	2.5	1	2.5			PARMER TX	-2				
		3*	4.7	1	1.6	PECOS TX		-66			82
1	3.2					POLK TX					
		4	.9	4	.9	POTTER TX		0			60
				1	3.7	RAINS TX					97
1	.8	2	.9			RANDALL TX	8				
		1	1.9	1	1.9	REFUGIO TX		3			87
1	1.4					ROBERTSON TX					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE HODGKIN'S DISEASE ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1	2.7			1	1.2	ROCKWALL TX			-55	22	73
1	1.2			2	1.6	RUNNELS TX			30	79	82
1	.6	1	.7			RUSK TX	27				
2	1.3	1	.7			SAN PATRICIO TX	-43				
1	2.8	1	1.5			SAN SABA TX	-48				
		3	3.5			SCURRY TX					
		1	.6			SHELBY TX					
3	1.1	1	.2	5	.9	SMITH TX	-81	346	-17	56	61
				1*	1.8	SOMERVELL TX					86
				1	1.0	STARR TX					66
		1	2.3			STEPHENS TX					
1	2.2					SWISHER TX					
27	1.4	34	1.2	50*	1.4	TARRANT TX	-13	19	3	69	78
4	1.2	7	1.6	4	.7	TAYLOR TX	32	-57	-43	33	51
				1*	8.1	TERRELL TX					99
1*	4.7					THROCKMORTON TX					
1	1.0	1	1.1	1	.8	TITUS TX	4	-29	-27	48	55
5	1.8	7	2.1	4	.9	TOM GREEN TX	17	-55	-48	27	62
7	.9	16	1.7	12	.8	TRAVIS TX	82	-51	-11	61	58
1	2.1			1	1.1	TYLER TX			-45	30	70
		2	1.8	1	.8	UPSHUR TX		-55			57
1	2.5			1*	4.5	UPTON TX			78	89	98
1	1.0	1	1.2			UVALDE TX	19				
		1	1.0	2	1.4	VAL VERDE TX		43			79
1	.9	3	2.2			VAN ZANDT TX	148				
		2	.9	2	.8	VICTORIA TX		-6			57
				1	.6	WALKER TX					46
		1	2.0			WALLER TX					
		2	3.4	1	1.9	WARD TX		-43			87
1	2.0			1	.9	WASHINGTON TX			-54	23	61
		3	1.0	2	.6	WEBB TX		-45			47
		3	2.0			WHARTON TX					
		1	1.8			WHEELER TX					
2	.4	11	1.9	5	.8	WICHITA TX	382	-60	91	90	55
2	3.0	2	1.5	4*	5.1	WILBARGER TX	-49	241	74	88	98
				2	2.7	WILLACY TX					93
3	1.6	3	1.6	1	.3	WILLIAMSON TX	-3	-84	-84	02	40
1	1.3	2	2.8	2	3.0	WILSON TX	120	8	137	94	95
				1	1.9	WINKLER TX					87
2	2.9	1	1.6			WISE TX	-43				
				1	1.2	WOOD TX					73
1	1.0	1	.7	3	2.5	YOUNG TX	-26	251	161	94	92
1*	4.4					ZAPATA TX					
31	1.0	41	1.0	30	.6	UTAH UT	-1	-44	-44		
1	5.4					BEAVER UT					
		1	1.0	1	.8	BOX ELDER UT		-18			57
		4	2.6	2	.8	CACHE UT		-69			57
		2	.8			DAVIS UT					
1*	5.7					GARFIELD UT					
1*	3.8					GRAND UT					
1	3.6					IRON UT					
16	1.2	21	1.1	14	.6	SALT LAKE UT	-4	-48	-50	25	47
		1	1.0			SANPETE UT					
2	3.9			1	1.2	SEVIER UT			-70	10	72
1	4.0					SUMMIT UT					
		1	2.5	2*	3.9	UINTAH UT		57			97
5	1.4	5	1.1	4	.6	UTAH UT	-22	-43	-56	22	50
				1	2.9	WASATCH UT					94
				1	.9	WASHINGTON UT					59
3	.8	6	1.1	4	.7	WEBER UT	50	-41	-12	60	51
35	1.7	25	1.1	30	1.1	VERMONT VT	-31	-2	-33		
2	2.2	3	2.7	1	.8	ADDISON VT	22	-70	-63	14	57
2	1.4			3	1.2	BENNINGTON VT			-12	60	74
1	.8			1	.5	CALEDONIA VT			-32	43	46
4	1.2	5	1.1	11*	2.1	CHITTENDEN VT	-7	84	71	88	89
1	3.0					ESSEX VT					
2	1.2	2	1.5	1	.6	FRANKLIN VT	25	-59	-49	26	49
2	3.4	1	1.6	1	1.3	LAMOILLE VT	-52	-21	-62	17	76
3	3.3	1	1.2			ORANGE VT	-65				
2	1.8	2	1.7	2	1.8	ORLEANS VT	-5	7	2	68	86
1	.5	2	.6	2	.6	RUTLAND VT	27	1	29	78	47
7*	2.9	3	1.4	1	.4	WASHINGTON VT	-53	-75	-88	00	42
3	1.5	3	1.3	3	1.4	WINDHAM VT	-9	7	-2	65	79
5	2.0	3	1.5	4	1.4	WINDSOR VT	-25	-4	-28	47	79
161	1.2	198	1.2	220	1.0	VIRGINIA VA	-3	-12	-14		
3	3.4	2	1.9	1	.4	ACCOMACK VA	-43	-80	-88	00	42
1	.5	6	2.1	3	.6	ALBEMARLE#VA	344	-70	34	79	50
1	.8	3	2.1	1	.6	ALLEGHANY#VA	158	-71	-25	49	49
4*	4.7	3	3.3			AMHERST VA	-30				
16	2.4	12	1.4	7	.7	ARLINGTON#VA	-40	-51	-70	09	52
8	2.3	4	1.0	7	1.4	AUGUSTA#VA	-57	43	-38	37	79
				1	2.9	BATH VA					94
5	1.1	9	1.6	3	.3	BEDFORD#VA	46	-78	-67	11	42
1	1.3	1	.9	1	.8	BOTETOURT VA	-30	-5	-33	42	59
1	3.0			2*	4.8	BRUNSWICK VA			59	86	98
2	2.7	1	.5			BUCHANAN VA	-82				
				1	1.7	BUCKINGHAM VA					84
		1	3.5			CAROLINE VA					
4	1.8			6*	2.4	CARROLL#VA			37	81	92
				1	1.9	CHARLOTTE VA					87
13	1.1	17	1.3	16	1.0	CHESTERFIELD#VA	16	-20	-7	63	67
1	2.8					CLARKE VA					
1*	4.8					CRAIG VA					
		2	2.7			DICKENSON VA					
1	.4	5	1.7	6	1.7	DINWIDDIE#VA	311	3	323	98	85

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED # COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
13	1.3	14	.6	27	.9	FAIRFAX#VA	-52	49	-29	47	63
				2	1.8	FAUQUIER VA					85
		2	3.8			FLOYD VA					
1	3.5					FLUVANNA VA					
		2	1.7	1	.5	FRANKLIN VA		-72			44
1	.5	2	.9	6*	2.4	FREDERICK#VA	95	158	403	99	92
1	1.5	3	3.7	1	1.0	GILES VA	150	-72	-31	44	66
2	1.6			1	.8	HALIFAX#VA			-52	24	56
1	1.4	2	1.8	3	1.7	HANOVER VA	32	-5	24	77	84
3	.9	8	1.3	7	.9	HENRICO VA	44	-32	-1	66	60
3	1.9	1	.5	6	2.1	HENRY#VA	-71	278	8	70	89
1	4.5	2*	8.6			HIGHLAND VA	89				
		2	4.7			ISLE OF WIGHT VA					
		3	1.5	2	.8	JAMES CITY#VA		-46			58
				1*	6.1	KING AND QUEEN VA					99
1	2.6			1	5.1	LANCASTER VA			93	91	98
1	.7	5*	4.4	1	.6	LEE VA	518	-86	-11	61	50
				3	1.6	LOUDOUN VA					82
		1	2.3			LOUISA VA					
1	2.6	2*	4.9			MADISON VA	87				
				1	1.2	MATHEWS VA					73
2	2.8	1	1.1	1	1.2	MECKLENBURG VA	-61	8	-58	19	72
		2	1.1	3	1.1	MONTGOMERY#VA		-1			68
1	2.1	1	1.6			NELSON VA	-20				
1	1.9			1	1.3	NORTHAMPTON VA			-30	45	76
		1	2.8			NORTHUMBERLAND VA					
2	2.6	1	1.2			PAGE VA	-52				
2	2.9					PATRICK VA					
4	1.1	6	1.4	9*	2.1	PITTSYLVANIA#VA	26	50	89	90	90
		1	4.3	1	4.1	POWHATAN VA		-3			97
5*	4.4	6	3.0	4	.4	PRINCE WILLIAM#VA	-32	-86	-91	00	43
1	.9	2	1.6	1	.6	PULASKI VA	66	-62	-29	47	49
				1	4.6	RAPPAHANNOCK VA					98
				1	2.6	RICHMOND VA					93
9	1.6	6	.7	11	.9	ROANOKE#VA	-52	24	-41	35	62
1	.8	1	.8	4*	2.4	ROCKBRIDGE#VA	9	191	218	96	92
		3	1.1	5	1.5	ROCKINGHAM#VA		36			80
1	1.0	1	.7	1	.8	RUSSELL VA	-30	20	-16	57	59
		1	.9	1	.7	SCOTT VA		-23			50
1	1.2	1	1.0	1	.7	SHENANDOAH VA	-16	-37	-46	28	51
2	1.7	1	.8	2	1.2	SMYTH VA	-53	52	-28	47	72
2	4.0	2	3.3			SOUTHAMPTON#VA	-17				
1	1.1	3	2.4	2	1.0	SPOTSYLVANIA#VA	129	-59	-7	63	65
		1	1.7	1	.5	STAFFORD VA		-69			45
2	.8	3	1.5	1	.4	TAZEWELL VA	87	-74	-52	24	42
		1	1.5	1	1.0	WARREN VA		-31			66
2	.9	3	1.1	4	1.1	WASHINGTON#VA	26	4	31	79	70
3	1.4			2	.9	WISE#VA			-36	39	60
		1	.9	1	.6	WYTHE VA		-37			48
19	1.3	25	1.2	30	1.3	CHESAPEAKE CITY#VA	-8	4	-4	65	75
3	1.2	4	1.5	6	1.8	HAMPTON CITY VA	23	20	49	84	86
3	.8	5	1.4	6	1.4	NEWPORT NEWS CITY VA	81	-1	78	89	79
5	3.0					SUFFOLK CITY VA					
178	1.4	220	1.4	158	.8	WASHINGTON WA	0	-43	-43		
2	2.4					ASOTIN WA					
1	.3	3	1.1			BENTON WA	239				
1	.4	4	2.0	1	.3	CHELAN WA	339	-83	-27	48	41
1	.7	4	2.4			CLALLAM WA	257				
6	1.3	6	1.1	6	.8	CLARK WA	-19	-25	-39	36	56
3	1.2	4	1.3	3	.8	COWLITZ WA	8	-38	-34	41	58
				1	1.0	DOUGLAS WA					64
		2*	19.1			FERRY WA					
2	2.1			3	2.3	FRANKLIN WA			9	71	91
				1*	6.7	GARFIELD WA					99
1	1.3	3	1.4			GRANT WA	9				
4	1.5	2	.6	3	.9	GRAYS HARBOR WA	-61	60	-38	37	61
1	2.0	2	4.6			JEFFERSON WA	130				
63	1.5	99*	1.9	48	.7	KING WA	25	-61	-51	24	53
6	1.6	6	1.4	3	.6	KITSAP WA	-12	-60	-65	13	47
1	.9	2	2.0			KITTITAS WA	126				
1	1.6					KLICKITAT WA					
		2	.7	5	2.1	LEWIS WA		225			90
2	3.5					LINCOLN WA					
3*	4.3	1	.9	2	1.6	MASON WA	-78	69	-63	15	82
				2	1.0	OKANOGAN WA					65
2	2.9			1	.8	PACIFIC WA			-72	08	56
22	1.6	19	1.1	21	1.0	PIERCE WA	-30	-12	-38	37	65
2	1.0	3	1.1	3	.6	SKAGIT WA	11	-42	-36	39	49
7	1.0	7	.7	17	1.2	SNOHOMISH WA	-35	77	16	74	72
14	1.2	24	1.6	13	.8	SPOKANE WA	34	-53	-37	38	55
1	1.2			2	1.8	STEVENS WA			49	84	86
5	2.1			5	1.0	THURSTON WA			-53	23	65
		1*	4.9			WAHKIAKUM WA					
7*	3.5	2	.9	2	.7	WALLA WALLA WA	-75	-22	-80	03	51
9	2.6	5	1.0	5	1.0	WHATCOM WA	-61	-6	-64	14	64
1	.5	1	.4	1	.8	WHITMAN WA	-30	105	42	82	56
10	1.6	18*	2.5	10	1.4	YAKIMA WA	54	-46	-16	57	77
104	1.2	97	1.1	74	.7	WEST VIRGINIA WV	-15	-31	-42		
		1	.9			BARBOUR WV					
2	1.1	6*	3.3	1	.4	BERKELEY WV	202	-88	-63	15	43
1	.6	3	3.2	1	.7	BOONE WV	423	-79	8	70	50
3	2.1	1	.7			BROOKE WV	-65				
10	1.9	9	1.5	5	.7	CABELL WV	-24	-50	-62	15	53
		2*	4.6			CALHOUN WV					
1	1.3			1	2.0	CLAY WV			54	84	89
		1	4.0			DODDRIDGE WV					
4	2.0	2	.9	5	1.6	FAYETTE WV	-52	65	-20	53	81

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
1	2.4			1	1.8	GILMER	WV			-24	50	86
		2*	5.1			GRANT	WV					
1	.6	1	.6	1	.6	GREENBRIER	WV	0	-4	-4	65	47
1	2.1					HAMPSHIRE	WV					
3	2.3	1	.4			HANCOCK	WV	-81				
		1	2.0	1	1.5	HARDY	WV		-24			81
6	1.4	3	.6	4	.9	HARRISON	WV	-55	42	-35	40	60
		1	1.2			JEFFERSON	WV					
12	1.3	8	.7	11	.9	KANAWHA	WV	-45	27	-30	46	61
1	.8	1	1.1	2	1.6	LEWIS	WV	41	53	116	93	83
2	2.0	1	1.1			LINCOLN	WV	-44				
5	2.3	1	.6	3	1.3	LOGAN	WV	-73	108	-43	32	75
5	2.2					MC DOWELL	WV					
8	2.5	5	1.3	5	1.1	MARION	WV	-48	-13	-55	22	69
1	.6	6*	3.0	4	1.9	MARSHALL	WV	427	-38	228	97	87
1	.8	2	1.8	1	.8	MASON	WV	113	-54	-1	66	57
4	1.3	5	1.5	1	.2	MERCER	WV	15	-86	-84	02	40
1	1.1			1	.8	MINERAL	WV			-32	43	54
		1	.4	1	.7	MINGO	WV		49			51
2	1.0	2	.8	3	.8	MONONGALIA	WV	-19	1	-18	54	56
2	3.6	1	1.7			MONROE	WV	-54				
1	1.1					NICHOLAS	WV					
5	1.4	8	2.1	5	1.4	OHIO	WV	54	-36	-1	66	77
				2*	3.4	PENDLETON	WV					96
1	2.8			2*	5.4	PLEASANTS	WV			91	90	98
1	1.8					POCAHONTAS	WV					
1	.6	1	.7	2	1.2	PRESTON	WV	22	62	97	91	71
		1	.8	2	1.2	PUTNAM	WV		49			72
		5	1.3			RALEIGH	WV					
4	3.1	2	1.5	1	.8	RANDOLPH	WV	-53	-44	-74	07	57
		2	3.4			RITCHIE	WV					
1	1.1	2	1.9			ROANE	WV	68				
1	1.3	1	1.1			SUMMERS	WV	-17				
1	1.0	1	.7			TAYLOR	WV	-27				
1	2.0					TUCKER	WV					
				1	2.3	TYLER	WV					91
		1	.7			UPSHUR	WV					
1	.7	4	2.3	3	1.2	WAYNE	WV	226	-47	72	88	72
1	2.2			1	2.2	WEBSTER	WV			-2	66	90
3	3.0			1	1.0	WETZEL	WV			-67	11	65
3	.8	2	.5	2	.4	WOOD	WV	-42	-12	-49	26	43
2	1.1					WYOMING	WV					
250	1.3	301	1.4	244	1.0	WISCONSIN	WI	7	-31	-26		
1	2.6					ADAMS	WI					
		1	1.4	1	1.4	ASHLAND	WI		3			79
3	1.9	1	.4	1	.4	BARRON	WI	-79	-5	-80	04	42
		1	1.9			BAYFIELD	WI					
8	1.5	3	.5	7	.9	BROWN	WI	-65	65	-42	33	60
		2	1.8			BUFFALO	WI					
1	1.4			4*	3.8	BURNETT	WI			165	95	97
1	1.1	1	.8	3	2.0	CALUMET	WI	-27	164	92	90	89
2	1.1	1	.5	2	.7	CHIPPEWA	WI	-59	61	-34	41	54
		3	1.6	1	.8	CLARK	WI		-53			54
4	2.0	2	1.0	1	.3	COLUMBIA	WI	-51	-66	-83	02	41
2	2.5	2	3.7			CRAWFORD	WI	45				
25*	2.6	17	1.4	16	1.0	DANE	WI	-46	-26	-60	18	67
4	1.3	3	.8	4	1.1	DODGE	WI	-39	36	-17	56	70
2	2.1	1	.6	2	1.7	DOOR	WI	-72	199	-17	56	85
2	.9	5	1.9	2	.6	DOUGLAS	WI	119	-68	-30	45	49
2	1.6	4	2.7	2	1.2	DUNN	WI	73	-55	-23	51	74
6	1.9	8	2.3	4	1.2	EAU CLAIRE	WI	18	-47	-37	38	73
3	.8	8	1.8	4	.9	FOND DU LAC	WI	119	-51	8	71	60
				4*	9.2	FOREST	WI					99
3	1.4	7*	3.2	2	.9	GRANT	WI	125	-71	-36	40	61
1	.6	4	3.4	3	1.8	GREEN	WI	495	-47	213	96	86
2	2.1	2	1.4	2	2.0	IOWA	WI	-33	41	-5	64	88
				1	3.9	IRON	WI					97
4*	5.6	1	1.6	1	1.4	JACKSON	WI	-72	-12	-75	06	78
7	2.7	4	1.4	3	.8	JEFFERSON	WI	-49	-42	-70	09	57
1	1.0	2	2.5	1	.9	JUNEAU	WI	157	-65	-10	62	59
4	.7	6	1.1	6	1.0	KENOSHA	WI	43	-9	30	79	64
3	4.2	1	1.3	1	.9	KEWAUNEE	WI	-70	-29	-79	04	61
12*	3.4	5	1.2	5	1.1	LA CROSSE	WI	-64	-12	-68	11	69
2	2.5	1	.9	2	1.9	LAFAYETTE	WI	-59	106	-15	58	87
1	1.2	1	1.0	2	1.2	LANGLADE	WI	-13	19	3	69	74
		1	.7	4*	2.5	LINCOLN	WI		268			93
6	1.5	8	2.1	1	.1	MANITOWOC	WI	40	-93	-90	00	40
2	.6	2	.4	3	.6	MARATHON	WI	-24	44	10	72	49
4	2.4	2	1.2			MARINETTE	WI	-51				
		1	1.1			MARQUETTE	WI					
8*	2.6	1	.3	5	1.7	MENOMINEE#	WI	-89	483	-34	41	85
58	1.1	76	1.5	57	1.0	MILWAUKEE	WI	26	-29	-10	61	66
		2	.9	2	1.0	MONROE	WI		17			67
2	1.8	4	3.0			ONEIDA	WI	69				
4	.9	9	1.7	6	.9	OUTAGAMIE	WI	86	-46	0	67	62
3	2.2	4	2.0	2	.6	OZAUKEE	WI	-11	-72	-75	06	46
1	2.8					PEPIN	WI					
1	.7	3	2.6	1	.5	PIERCE	WI	253	-81	-33	41	45
2	1.6	3	2.2	2	.9	POLK	WI	39	-59	-44	32	61
3	1.7	2	.9	1	.3	PORTAGE	WI	-45	-64	-80	03	41
4*	7.5			1	1.8	PRICE	WI			-77	05	85
10	1.6	10	1.4	11	1.2	RACINE	WI	-13	-13	-24	50	73
		1	1.1			RICHLAND	WI					
3	.6	17*	2.9	4	.5	ROCK	WI	395	-83	-18	55	45
2	2.3			3*	3.7	RUSK	WI			62	87	97
3	2.1	2	1.4	7*	3.1	ST CROIX	WI	-35	125	47	83	95
2	1.4	4	2.0	3	1.2	SAUK	WI	44	-41	-15	58	73
				2	4.3	SAWYER	WI					98
5	1.0	2	.4	5	.9	SHEBOYGAN	WI	-61	135	-9	62	63

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		3	1.9			TREMPEALEAU WI					
3	1.8	3	2.1	2	.8	VERNON WI	16	-62	-56	21	56
2*	4.3	2	2.5			VILAS WI	-43				
4	1.5	3	.9	4	1.2	WALWORTH WI	-39	36	-17	56	73
				2	2.5	WASHBURN WI					93
3	1.3	3	1.2	8*	2.1	WASHINGTON WI	-7	74	62	86	90
4	.8	16	2.0	13	1.2	WAUKESHA WI	141	-40	46	83	74
1	.5	3	1.4	1	.4	WAUPACA WI	186	-74	-25	49	42
2	.4	8	1.3	3	.4	WINNEBAGO WI	268	-66	25	77	44
2	.9	9*	2.9	4	1.2	WOOD WI	232	-60	34	80	71
8	.6	13	.9	15	.8	WYOMING WY	54	-8	42		
1	.9	3	3.6			ALBANY WY	294				
				1	1.7	BIG HORN WY					83
				1	2.5	CAMPBELL WY					92
		1	1.5			CARBON WY					
1	3.7			1	2.7	CONVERSE WY			-26	49	94
				1*	4.2	CROOK WY					98
		1	.9			FREMONT WY					
				1	1.0	GOSHEN WY					66
1	5.8	1	2.6			JOHNSON WY	-55				
1	.5	1	.4	5	1.7	LARAMIE WY	-22	330	236	97	84
2	.8	4	2.2	1	.3	NATRONA WY	198	-88	-64	14	40
				1	.8	PARK-TETON#WY					58
		1	1.0	1	.6	SHERIDAN WY		-42			48
				1	.8	SWEETWATER WY					55
2*	8.2			1	2.2	WASHAKIE WY			-73	07	91

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE MALE 1950-1959		1960-1969		1970-1979		HODGKIN'S DISEASE COUNTY AND STATE		PERCENT CHANGE			ICD 201 PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
1216	1.6	1531	1.7	1320	1.1	UNITED STATES		5	-33	-29		
66	1.7	67	1.8	41	1.1	ALABAMA	AL	6	-41	-37		
1	3.8					AUTAUGA	AL					
1	5.3	1	5.3			BIBB	AL	0				
1	2.6					BUTLER	AL					
				2	2.5	CALHOUN	AL					93
		1	1.3			CHAMBERS	AL					
		1	2.7			CHOCTAW	AL					
2	4.0					CLARKE	AL					
				1	4.8	COFFEE	AL					96
		1	2.8			COLBERT	AL					
				1	2.8	CONECUH	AL					93
1*	5.8					COOSA	AL					
		1	2.2			COVINGTON	AL					
		1*	106.0			CULLMAN	AL					
		1	5.5			DALE	AL					
		2	1.9	2	1.9	DALLAS	AL		0			91
2	5.1					ELMORE	AL					
1	1.8	1	1.8	1	2.6	ESCAMBIA	AL	-4	49	42	80	93
		1	2.3	1	1.7	ETOWAH	AL		-29			90
1*	7.4					FAYETTE	AL					
2	4.4			1	3.6	HALE	AL			-18	50	95
		1	2.5			HENRY	AL					
3*	5.6	2	4.3			HOUSTON	AL	-23				
22*	2.4	24*	2.7	15	1.6	JEFFERSON	AL	11	-39	-33	37	90
1	1.3					LEE	AL					
				1	3.0	LIMESTONE	AL					94
1	.8	3	3.5	1	1.0	MACON	AL	350	-71	30	77	87
1	1.6	1	.5			MADISON	AL	-67				
3	3.3			1	1.3	MARENGO	AL			-60	18	88
5	1.4	8	2.0	4	1.1	MOBILE	AL	47	-43	-17	51	87
7	2.6	7	2.9	3	1.2	MONTGOMERY	AL	12	-59	-54	22	88
1	3.9					MORGAN	AL					
2	3.9			1	1.7	PERRY	AL			-57	19	90
1	3.2	4*	11.1			PICKENS	AL	248				
		1	3.0			PIKE	AL					
1	5.2					RANDOLPH	AL					
2	2.8			1	1.3	RUSSELL	AL			-54	21	88
1	6.4					ST CLAIR	AL					
2	4.1			1	3.2	SUMTER	AL			-21	46	94
		1	1.4	1	1.3	TALLADEGA	AL		-6			88
		2	1.7			TUSCALOOSA	AL					
1	3.3			1*	3.9	WALKER	AL			18	75	95
		1	4.7	2*	8.0	WASHINGTON	AL		71			98
		1	2.1			WILCOX	AL					
				1	.2	ALASKA	AK					
6	1.2	1	.2	4	.6	ARIZONA	AZ	-83	200	-50		
				1	1.5	APACHE	AZ					89
3	2.2	1	.6	2	.9	MARICOPA	AZ	-72	37	-61	16	86
3*	4.6					PIMA	AZ					
				1	2.9	YUMA	AZ					93
24	1.5	23	1.4	20	1.5	ARKANSAS	AR	-8	7	-2		
2*	7.2					ARKANSAS	AR					
2*	9.5					BRADLEY	AR					
				1	3.2	CHICOT	AR					94
		1	3.3			COLUMBIA	AR					
1*	9.1					CRAIGHEAD	AR					
2	1.7					CRITTENDEN	AR					
2*	7.0					CROSS	AR					
1	9.5					DALLAS	AR					
				2*	15.4	DREW	AR					99
		1*	10.5			FAULKNER	AR					
		1*	94.4			FRANKLIN	AR					
		1	3.7			GARLAND	AR					
				1*	7.6	HOWARD	AR					97
		1*	4.0			JACKSON	AR					
1	.7			2	1.8	JEFFERSON	AR			164	93	90
1	1.5	1	1.6			LEE	AR	2				
		1	6.2			LONOKE	AR					
1	2.7					MILLER	AR					
2	2.4	2	2.4	2	2.8	MISSISSIPPI	AR	1	16	17	74	93
1	2.6			1	5.3	MONROE	AR			101	88	96
		1	1.6	1	2.4	OUACHITA	AR		48			92
2	2.2	2	1.5	1	2.1	PHILLIPS	AR	-34	39	-8	62	91
1*	7.5	1*	14.1			POINSETT	AR	86				
		1*	17.2			POPE	AR					
5	2.5	4	1.6	6	2.2	PULASKI	AR	-34	34	-12	59	92
		1	1.2	1	1.6	ST FRANCIS	AR		35			90
		1	4.1			SEBASTIAN	AR					
		1	1.7	2	4.1	UNION	AR		141			95
		2*	9.5			WOODRUFF	AR					
65	1.5	88	1.3	91	.7	CALIFORNIA	CA	-13	-49	-56		
9	2.4	9	1.2	9	.7	ALAMEDA	CA	-52	-41	-72	09	86
1*	10.8					BUTTE	CA					
1	.8	2	.8	1	.2	CONTRA COSTA	CA	1	-80	-79	03	85
1	1.1	4	2.8	1	.4	FRESNO	CA	156	-67	-67	12	85
				1	2.4	IMPERIAL	CA					92
2	2.0	1	.8			KERN	CA	-58				
		1	5.7			KINGS	CA					

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NON-WHITE MALE 1950-1959 DEATHS	RATE	1960-1969 DEATHS	RATE	1970-1979 DEATHS	RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
27	1.7	45	1.5	46	.8	LOS ANGELES CA	-10	-45	-50	25	86
1	1.2			1	4.3	MARIN CA			265	96	95
1	4.4			1	1.1	MERCED CA			-74	08	87
		2	1.6	2	1.0	MONTEREY CA		-33			87
				2	.3	ORANGE CA					85
2	1.8	4	1.6	5	1.1	SACRAMENTO CA	-12	-30	-38	35	87
1*	24.9					SAN BENITO CA					
1	1.6			2	.3	SAN BERNARDINO CA			-82	03	85
5	1.0	3	1.7	4	1.0	SAN DIEGO CA	10	-44	-39	33	86
7	1.0	7	1.1	10	.8	SAN FRANCISCO CA	15	-26	-15	54	86
		3	1.6	1	.4	SAN JOAQUIN CA		-78			85
1*	8.2					SAN LUIS OBISPO CA					
				2	.6	SAN MATEO CA					85
				1	.3	SANTA BARBARA CA					85
1	1.5	4	2.3			SANTA CLARA CA	53				
1	10.5					SANTA CRUZ CA					
2*	31.5					SISKIYOU CA					
1	1.4	1	.8	2	2.4	SOLANO CA	-45	218	76	86	92
		2	4.2			TULARE CA					
4	2.6	3	1.1	3	.6	COLORADO CO	-58	-48	-78		
3	3.2	3	1.6	2	.6	DENVER-ARAPAHOE#CO	-51	-65	-83	02	85
1*	7.8					EL PASO CO					
				1*	12.4	MESA CO					98
8	2.1	20*	3.6	11	1.2	CONNECTICUT CT	77	-66	-40		
3	2.0	9*	5.0	4	1.5	FAIRFIELD CT	153	-69	-21	47	89
2	1.9	5	2.9	3	1.3	HARTFORD CT	48	-53	-31	40	88
		1*	15.2			LITCHFIELD CT					
				1*	3.5	MIDDLESEX CT					95
3	3.0	4	3.0	3	1.0	NEW HAVEN CT	-1	-67	-67	13	87
		1	2.5			NEW LONDON CT					
6	2.1	1	.3	4	.9	DELAWARE DE	-87	226	-59		
1	1.8			1	.9	KENT DE			-49	28	86
4	2.5	1	.4	3	1.1	NEW CASTLE DE	-83	148	-57	19	87
1	1.5					SUSSEX DE					
35*	2.5	32	1.7	36*	1.7	DIST. OF COLUMBIA DC	-32	1	-32		
35*	2.5	32	1.7	36*	1.7	WASHINGTON DC	-32	1	-32	38	90
36	1.1	57	1.4	56	1.2	FLORIDA FL	27	-19	2		
				1	2.6	BAY FL					93
		1*	10.9	1*	7.3	BRADFORD FL		-33			97
		2	2.0			BREVARD FL					
		4	1.4	2	.5	BROWARD FL		-64			85
1	3.4			1	4.4	COLUMBIA FL			30	77	95
5	1.3	8	1.0	10	1.3	DADE FL	-20	28	2	66	88
10	2.2	11	2.2	5	.9	DUVAL FL	2	-61	-60	17	86
2	1.9	1	.6	2	1.2	ESCAMBIA FL	-68	97	-38	35	88
				1	1.4	GADSDEN FL					89
1*	13.3					HENDRY FL					
2*	10.5			1	4.9	HIGHLANDS FL			-53	22	96
3	1.3	6	2.2	3	1.0	HILLSBOROUGH FL	62	-55	-27	42	86
2	5.0					JACKSON FL					
		2	4.1	3*	5.4	LAKE FL		31			96
2	1.7			1	1.1	LEON FL			-38	33	87
		1	2.8	1	1.7	MANATEE FL		-39			90
		1	1.6	2	2.3	MARION FL		42			92
		1	4.0	1*	4.6	MARTIN FL		14			96
		1	7.4			NASSAU FL					
1	1.2	3	1.7	4	1.7	ORANGE FL	44	-1	43	80	90
		3	1.4	3	1.1	PALM BEACH FL		-26			87
				1*	4.6	PASCO FL					95
1	.6	5	3.0	3	1.6	PINELLAS FL	388	-47	160	92	89
2	1.3	5	3.4	3	1.3	POLK FL	157	-62	-1	63	88
1	2.9			1	3.3	ST JOHNS FL			13	72	94
3*	9.7	1	1.5	2	3.0	ST LUCIE FL	-85	97	-70	11	93
		1	1.7	2	2.8	SEMINOLE FL		62			93
				1*	4.9	SUWANNEE FL					96
				1	.8	VOLUSIA FL					86
48	1.1	65	1.5	47	.9	GEORGIA GA	27	-39	-23		
				1*	12.3	APPLING GA					98
1	1.9					BALDWIN GA					
				1*	6.7	BARTOW GA					97
				1*	4.2	BEN HILL GA					95
2	1.4	7*	3.6	2	1.1	BIBB GA	159	-69	-19	49	87
				1	3.3	BURKE GA					94
1*	14.4					CANDLER GA					
5	1.9	7	2.7	1	.3	CHATHAM GA	39	-90	-86	01	85
1	2.0	1	2.0	2*	2.3	CLARKE GA	1	16	17	74	92
				1	.8	CLAYTON GA					86
				2*	5.0	COLQUITT GA					96
		1	3.4			CRISP GA					
1	2.3	2	5.8	1	2.6	DECATUR GA	153	-55	13	72	93
2	2.1			1	.1	DE KALB GA			-96	00	85
1	.9					DOUGHERTY GA					
1	4.9					EARLY GA					
1*	28.7					ECHOLS GA					
1	3.3					ELBERT GA					
2	6.9					FLOYD GA					
5	.6	12	1.4	10	1.0	FULTON GA	122	-29	56	82	86
1	2.5	1	2.3	1	1.9	GLYNN GA	-9	-15	-22	45	91
				1	5.5	GRADY GA					96

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				1*	3.5	GREENE GA					94
1*	8.9			1*	12.5	GWINNETT GA			40	79	98
1	4.4	1	2.2	1	3.6	HANCOCK GA	-49	61	-18	50	95
1	3.3					HARRIS GA					
		1*	8.3	1*	4.3	HART GA		-48			95
		1	3.3	1	.9	HOUSTON GA		-74			86
		1*	13.3			JACKSON GA					
		2*	6.7			JEFFERSON GA					
1	5.5					JENKINS GA					
				1*	14.0	JOHNSON GA					98
1*	6.4					JONES GA					
		1	5.1	1	4.2	LIBERTY GA		-17			95
		2	2.8			LOWNDES GA					
1	3.7	2*	7.8	1	3.2	MACON GA	109	-59	-15	55	94
1*	7.4					MADISON GA					
1*	7.4					MARION GA					
				1	2.0	MERIWETHER GA					91
		1	4.4			MONROE GA					
		1	5.4			MORGAN GA					
3	4.0	4	2.6	3	1.5	MUSCOGEE#GA	-36	-40	-62	16	89
				1*	7.9	OGLETHORPE GA					97
		2*	3.5			PEACH GA					
1	2.2					RANDOLPH GA					
3	1.8	7*	4.1	3	1.5	RICHMOND GA	134	-62	-12	58	89
2*	6.8					SCREVEN GA					
				1	2.9	SPALDING GA					93
		2	4.8			SUMTER GA					
				1*	8.3	TELFAIR GA					98
1	1.2					TEPPELL GA					
		1	2.2			THOMAS GA					
1	4.2					TIFT GA					
2	3.8			1	1.7	TROUP GA			-56	21	90
1	3.2	1	8.5			TWIGGS GA	166				
1	2.9			2*	7.2	UPSON GA			144	91	97
		2*	18.6			WALKER GA					
		1*	9.4			WAYNE GA					
		1	4.2			WORTH GA					
		40	2.1	24	1.0	HAWAII HI		-54			
		4	1.4	5	1.7	HAWAII HI		19			90
		26	2.0	17	.8	HONOLULU HI		-58			86
		3	2.2	1	.6	KAUAI HI		-74			85
		7*	4.8	1	.5	MAUI#HI		-90			85
		1	2.5			IDAHO ID					
		1*	23.4			BINGHAM ID					
72	2.0	90	1.7	69	1.0	ILLINOIS IL	-14	-44	-52		
1*	11.2					ADAMS IL					
		2	7.1	2*	2.8	CHAMPAIGN IL		-60			93
62	2.0	80	1.8	59	1.0	COOK IL	-9	-45	-50	26	87
1*	6.8					JACKSON IL					
		2*	4.7	1	.6	KANE IL		-87			85
				1	.5	LAKE IL					85
1*	17.5			1*	14.6	MC LEAN IL			-17	52	99
		1	7.0			MACON IL					
1	2.5	1	1.3	2	2.8	PEORIA IL	-47	110	11	71	93
1	3.2					PULASKI IL					
1	12.6					ROCK ISLAND IL					
1	.6	1	.5			ST CLAIR IL	-22				
3*	11.6			1	2.6	SANGAMON IL			-78	05	93
				1*	14.6	STEPHENSON IL					99
		2*	8.6			VERMILION IL					
		1	1.2			WILL IL					
				1	2.3	WINNEBAGO IL					92
18	1.7	24	1.8	11	.7	INDIANA IN	6	-64	-62		
		1	3.3			ALLEN IN					
		2*	7.4			DELAWARE IN					
		1	4.4			GRANT IN					
		2*	13.2			HOWARD IN					
2	.5	7	2.1	5	1.1	LAKE IN	319	-49	114	89	87
12*	3.1	10	1.9	5	.7	MARION IN	-37	-63	-77	05	86
1*	188.7					MONTGOMERY IN					
3*	5.3					ST JOSEPH IN					
				1	2.0	VANDERBURGH IN					91
		1	5.6			WAYNE IN					
		4	2.6			IOWA IA					
		1	3.5			BLACK HAWK IA					
		2*	86.1			DES MOINES IA					
		1	2.0			POLK IA					
10	2.4	7	1.2	7	1.0	KANSAS KS	-50	-13	-56		
		1*	16.7			ATCHISON KS					
		1*	50.4			BARTON KS					
1*	40.9					CRAWFORD KS					
		1	7.6	1*	6.7	GEARY KS		-12			97
1	2.7					LEAVENWORTH KS					
1*	27.3					MIAMI KS					
1	4.9			2*	13.1	MONTGOMERY KS			166	93	98
		2	1.0			SEDGWICK KS					
1	2.0	1	1.4	2	2.1	SHAWNEE KS	-33	52	2	67	92
5	3.9	1	.8	2	1.5	WYANDOTTE KS	-80	90	-62	14	89

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23	2.3	22	2.2	25*	2.3	KENTUCKY KY	-4	7	3		
		1*	11.1	1*	19.3	BELL KY		74			99
		1*	6.5			BOURBON KY					
		2*	18.1	1*	14.4	BOYLE KY		-21			98
		1	1.9			CHRISTIAN KY					
1*	10.5			1*	7.9	DAVIESS KY			-24	44	98
4*	4.2	1	1.1	2	2.2	FAYETTE KY	-75	107	-47	29	92
		1*	70.1			FLEMING KY					
				1*	9.2	HARLAN KY					98
		1	10.2	2*	18.4	HENDERSON KY		80			99
1*	32.7					HENRY KY					
7	2.1	10	2.7	13*	3.3	JEFFERSON KY	29	24	60	83	94
1	4.7					KENTON KY					
1	3.9					MC CRACKEN KY					
1*	8.3					MADISON KY					
		1*	21.3	1*	22.7	MUHLENBERG KY		6			99
1*	5.6					OLDHAM KY					
1*	9.1					SHELBY KY					
1*	21.2	1*	13.6			SIMPSON KY	-36				
				1*	20.5	TAYLOR KY					99
2*	15.3			1*	11.5	TODD KY			-25	43	98
		1*	14.9			TRIGG KY					
1*	14.6					UNION KY					
1	5.0					WARREN KY					
		1*	33.5	1*	62.5	WAYNE KY		86			99
83*	2.3	66	1.7	67*	1.6	LOUISIANA LA	-27	-6	-31		
1	3.2	1	2.7			ACADIA LA	-17				
2*	12.5	1	4.9			ALLEN LA	-60				
				3*	13.1	ASSUMPTION LA					98
1	2.5	2	5.5	1	2.6	AVOYELLES LA	116	-52	3	67	93
1	11.8			1*	5.8	BEAUREGARD LA			-51	24	97
1	2.6					BIENVILLE LA					
5	1.7	4	1.3	9*	2.7	CADDO LA	-26	109	55	82	93
3	3.1	4	3.3	2	1.5	CALCASIEU LA	6	-53	-50	26	89
		2*	21.1			CATAHOULA LA					
1	1.3					CLAIBORNE LA					
		1	2.6			CONCORDIA LA					
				2*	3.7	DE SOTO LA					95
6	2.6	4	2.0	4	1.3	EAST BATON ROUGE LA	-23	-34	-49	27	88
2*	4.0					EAST CARROLL LA					
2	3.3			1	2.0	EAST FELICIANA LA			-38	34	91
		2*	7.1	1	2.1	FRANKLIN LA		-70			92
2	3.3	2	3.7			IBERIA LA	12				
2	3.8			1	1.9	IBERVILLE LA			-50	25	91
1	6.1					JACKSON LA					
1	2.3	2	1.6	4	1.8	JEFFERSON LA	-29	13	-19	49	91
		1	4.7			JEFFERSON DAVIS LA					
3*	5.1	1	1.3	4*	4.6	LAFAYETTE LA	-75	257	-11	60	95
1	1.6					LINCOLN LA					
1	1.8	1	1.9			MADISON LA	8				
1	1.4			2*	4.7	MOREHOUSE LA			228	96	96
1	1.6	1	1.1	1	1.7	NATCHITOCHES LA	-30	52	7	69	90
22*	2.8	21	2.0	13	1.2	ORLEANS LA	-29	-41	-58	18	68
1	.8	1	.8	3	2.4	OUACHITA LA	1	198	201	95	92
2*	6.7			1	4.6	PLAQUEMINES LA			-32	38	95
2	4.7			1	3.1	POINTE COUPEE LA			-33	36	94
3	2.3	1	.7	2	1.7	RAPIDES LA	-68	123	-28	41	90
				1	3.2	RICHLAND LA					94
		1	6.9			SABINE LA					
2*	10.0					ST CHARLES LA					
		1	4.1			ST HELENA LA					
1	3.4					ST JOHN THE BAPT LA					
3	2.4	1	.8	2	1.7	ST LANDRY LA	-68	122	-29	40	90
		2	5.1	1	3.4	ST MARTIN LA		-33			94
2	3.8	2	3.1	1	1.8	ST MARY LA	-18	-41	-52	23	91
2*	5.4	1	4.6	3*	7.1	ST TAMMANY LA	-14	54	33	78	97
		1	1.3	1	1.6	TANGIPAHOA LA		29			89
1	2.5					TENSAS LA					
		2	4.3			TERREBONNE LA					
1	5.1					VERMILION LA					
1	2.3	2	4.3	1	2.4	WASHINGTON LA	89	-45	5	68	92
1	3.6					WEST BATON ROUGE LA					
1*	14.1					WEST CARROLL LA					
		1	3.9	1	2.0	WEST FELICIANA LA		-49			91
37	1.7	49	1.8	48	1.4	MARYLAND MD	8	-21	-15		
3	2.1	2	1.7	2	1.9	ANNE ARUNDEL MD	-22	12	-13	57	91
1	1.5	2	3.4	2	1.3	BALTIMORE MD	129	-60	-9	61	88
1	3.9			1	1.7	CALVERT MD			-57	19	90
1	4.8					CAROLINE MD					
		1	7.4			CECIL MD					
		1	1.8			CHARLES MD					
		1	4.1			FREDERICK MD					
		1	3.5			HARFORD MD					
		1	3.2	2*	4.8	HOWARD MD		49			96
				1*	4.9	KENT MD					96
2	3.5	1	1.0	3	1.3	MONTGOMERY MD	-71	31	-62	15	88
2	1.4	5	1.7	9	1.2	PRINCE GEORGE'S MD	16	-28	-16	52	88
1	4.6	1	4.6			QUEEN ANNE'S MD	1				
1	4.3					ST MARY'S MD					
		2*	7.1	1	4.4	SOMERSET MD		-38			95
		1	3.1	1	3.4	TALBOT MD		10			94
1*	10.1			1*	6.1	WASHINGTON MD			-40	32	97
				1	2.2	WICOMICO MD					92
1	2.4	2*	4.3			WORCESTER MD	83				
23	1.8	28	1.7	24	1.4	BALTIMORE CITY MD	-4	-20	-23	44	89

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8	1.6	10	1.4	11	1.3	MASSACHUSETTS MA	-11	-13	-23		
		1*	6.8			BARNSTABLE MA					
1*	18.7					BERKSHIRE MA					
1	4.9					BRISTOL MA					
1*	6.2	1	4.9	2*	6.1	ESSEX MA	-20	24	-1	64	97
1	4.0	1	3.4	3	2.7	HAMPDEN MA	-14	-20	-31	39	93
1	1.1					MIDDLESEX MA					
				2*	5.1	PLYMOUTH MA					96
3	1.2	7	1.8	3	.8	SUFFOLK MA	45	-57	-38	34	86
				1	3.1	WORCESTER MA					94
39	1.7	85*	2.3	66	1.4	MICHIGAN MI	36	-38	-16		
1	3.1	2	2.8	2	2.4	BERRIEN MI	-10	-13	-21	46	92
		1	2.4	1	1.7	CALHOUN MI		-32			90
				1*	3.5	CASS MI					94
		10*	6.9	3	2.2	GENESEE MI		-69			92
				1	.8	INGHAM MI					86
		3*	7.2	1	1.2	KALAMAZOO MI		-83			88
1	1.2	3	5.4	4*	5.4	KENT MI	349	0	350	97	96
1*	94.4					LEELANAU MI					
1	2.8	1	2.6			MACOMB MI	-7				
				1*	44.6	MARQUETTE MI					99
				1*	44.6	MONTCALM MI					99
		2	3.2			MUSKEGON MI					
2	2.3	2	1.8	1	.3	OAKLAND MI	-20	-81	-85	02	85
1	1.1			2	1.7	SAGINAW MI			59	83	90
				1	3.7	VAN BUREN MI					95
		2	3.3	1	1.4	WASHTENAW MI		-57			89
32	2.0	59	2.2	46	1.3	WAYNE MI	10	-39	-32	38	88
2	1.3	2	1.0	4	.8	MINNESOTA MN	-26	-18	-39		
1	1.9			2	1.0	HENNEPIN MN			-45	30	87
1*	42.4					MAHNOMEN MN					
		2	3.8	2	1.6	RAMSEY MN		-57			90
39	1.1	47	1.4	49	1.5	MISSISSIPPI MS	37	5	44		
		1	1.3	2	2.2	ADAMS MS		65			92
1	3.1					AMITE MS					
		1*	7.2	1*	7.4	BENTON MS		3			97
1	.6	4	4.1			BOLIVAR MS	568				
1*	4.6					CALHOUN MS					
		1	4.4			CLAIBORNE MS					
				1	6.3	CLARKE MS					97
		1	2.8			CLAY MS					
		1	.8			COAHOMA MS					
3*	5.8			1	1.4	COPIAH MS			-76	05	89
1	1.3			1	3.3	DE SOTO MS			160	92	94
1	1.8			1	1.5	FORREST MS			-16	54	89
		1*	24.6			GEORGE MS					
				1*	7.2	GREENE MS					97
1	2.1					GRENADA MS					
				1*	8.4	HANCOCK MS					98
		2	2.6	2	2.6	HARRISON MS		0			93
5	1.8	7	2.5	3	.9	HINDS MS	37	-65	-51	23	86
1	1.1	1	1.5	4*	7.5	HOLMES MS	41	405	611	99	97
				1*	11.6	ITAWAMBA MS					98
		1	1.5	2	5.5	JACKSON MS		266			96
		1	3.6			JEFFERSON MS					
2	3.2	1	1.9			JONES MS	-43				
1	4.0					LAFAYETTE MS					
		1*	13.7			LAMAR MS					
1	.9	1	1.0	2	2.1	LAUDERDALE MS	8	105	123	90	91
1	7.1					LAWRENCE MS					
1	1.9			1	2.5	LEE MS			29	77	92
3	2.5	1	1.3	2	1.7	LEFLORE MS	-50	34	-32	37	90
				1	4.0	LINCOLN MS					95
		2	3.4			LOWNDES MS					
1	3.6			3*	10.7	MADION MS			195	94	98
		3*	4.9	1	1.6	MARSHALL MS		-67			90
		1	2.7			MONROE MS					
				2*	6.1	MONTGOMERY MS					97
1	4.2					NESHOBA MS					
		1	1.5			NOXUBEE MS					
		1	3.6			OKTIBBEHA MS					
				1	1.3	PANOLA MS					88
		1*	8.2			PERRY MS					
				2	3.1	PIKE MS					94
				1*	13.7	PRENTISS MS					98
1	1.9	1	1.6	1	3.4	QUITMAN MS	-17	117	81	86	94
		1	2.1	1	2.2	RANKIN MS		4			92
				1*	7.3	SHARKEY MS					97
3*	32.5	1*	7.5			SMITH MS	-77				
4	2.6					SUNFLOWER MS					
		1	3.4			TATE MS					
1	1.3	3*	5.3	3*	10.6	TUNICA MS	310	99	716	99	98
		1*	9.6			UNION MS					
				1*	7.2	WALTHALL MS					97
				2	2.6	WARREN MS					93
1	.6	2	1.3	1	.7	WASHINGTON MS	135	-51	15	73	85
		2*	10.2	1	6.6	WAYNE MS		-36			97
1	2.3					WINSTON MS					
2	3.0			1	1.1	YAZOO MS			-64	13	87
27	1.7	46*	2.5	16	.8	MISSOURI MO	45	-69	-55		
				1	2.1	BOONE MO					92

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE 1950-1959		1960-1969		1970-1979		HODGKIN'S DISEASE COUNTY AND STATE		PERCENT CHANGE			ICD 201 PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
1*	60.6					HENRY	MO					
5	1.9	10	2.4	6	1.3	JACKSON	MO	30	-47	-31	39	88
		1*	33.1			JEFFERSON	MO					
		1*	37.3			JOHNSON	MO					
		1*	17.7			LAFAYETTE	MO					
		1*	54.5			MACON	MO					
1*	22.3	1*	24.6			MONTGOMERY	MO	10				
3*	6.2					PEMISCOT	MO					
				1*	35.1	PULASKI	MO					99
		2	.7	3	.8	ST LOUIS COUNTY	MO		18			86
		1*	9.6			SALINE	MO					
		1*	18.6			STODDARD	MO					
		1*	53.0			WARREN	MO					
17	2.1	26*	2.8	5	.5	ST LOUIS CITY	MO	35	-82	-75	07	85
		2	1.7			MONTANA	MT					
		1*	16.6			BLAINE	MT					
		1	3.4			GLACIER	MT					
4	2.6	6*	3.6	2	.9	NEBRASKA	NB	39	-76	-66		
		1*	20.0			BOX BUTTE	NB					
4*	3.5	5*	4.3	2	1.4	DOUGLAS	NB	23	-68	-61	16	88
		2	2.6			NEVADA	NV					
		2	5.0			CLARK	NV					
		1*	10.2			NEW HAMPSHIRE	NH					
		1*	17.3			ROCKINGHAM	NH					
30	1.6	41	1.6	48	1.4	NEW JERSEY	NJ	-1	-11	-12		
3	2.3	5	3.5			ATLANTIC	NJ	53				
		2	1.6	1	.8	BERGEN	NJ		-47			86
2	3.1			4	2.4	BURLINGTON	NJ			-21	47	92
1	.5	5	2.4	2	.9	CAMDEN	NJ	356	-62	73	65	86
1	6.6			1	3.9	CAPE MAY	NJ			-40	32	95
2	3.8	1	1.5	1	.9	CUMBERLAND	NJ	-59	-41	-76	06	86
8	1.3	16	2.0	21*	1.9	ESSEX	NJ	48	-2	45	81	91
1	.7	2	1.1	3	1.4	HUDSON	NJ	66	27	110	69	89
3	1.6	4	1.9	1	.4	MERCER	NJ	19	-79	-75	06	85
		2	2.7	6*	3.5	MIDDLESEX	NJ		29			94
1	1.4			2	1.2	MONMOUTH	NJ			-11	60	88
1	5.7			1	5.9	MORRIS	NJ			4	68	97
3	2.9	1	.4	2	.6	PASSAIC	NJ	-87	63	-79	04	65
1	2.7					SALEM	NJ					
3	1.9	3	1.7	3	.7	UNION	NJ	-9	-60	-64	14	86
3	1.9	1	.2	3	.6	NEW MEXICO	NM	-87	160	-67		
1	6.5	1	1.5	1	.2	BERNALILLO	NM	-76	-86	-97	00	85
1*	21.0					CHAVES	NM					
1*	94.4					CURRY	NM					
				1*	7.4	LEA	NM					97
				1	2.7	VALENCIA	NM					93
103	2.2	129	1.7	118	1.1	NEW YORK	NY	-23	-37	-51		
		1	1.3	1	1.6	ALBANY	NY		23			89
1*	117.9					ALLEGANY	NY					
15*	2.5	10	1.0	19	1.2	BRONX	NY	-60	15	-54	22	87
				1*	9.6	CATTARAUGUS	NY					98
1*	15.3					CHAUTAUQUA	NY					
				1*	6.3	CHEMUNG	NY					97
				1	1.0	DUTCHESS	NY					87
9*	3.6	5	1.3	4	1.0	ERIE	NY	-64	-21	-71	09	87
20	2.5	25	1.3	34	1.3	KINGS(BROOKLYN)	NY	-46	-6	-49	27	88
		1*	54.7			MADISON	NY					
		2	1.7			MONROE	NY					
2	2.9	5	1.9	7	2.4	NASSAU	NY	-35	26	-18	50	92
40	2.3	46	2.2	22	.9	NEW YORK(MANHATTAN)	NY	-6	-58	-60	17	86
				1	1.9	NIAGARA	NY					91
		1	2.1			ONEIDA	NY					
		1	1.7	1	.6	ONONDAGA	NY		-66			85
		1	2.6	2	1.6	ORANGE	NY		-37			90
9	2.8	13	1.2	13	.8	QUEENS	NY	-56	-39	-73	08	86
				1*	6.6	RENSSELAER	NY					97
				2	4.0	RICHMOND	NY					95
		1*	23.8			SARATOGA	NY					
1*	10.2					SCHENECTADY	NY					
1	.7	6	3.7	4	1.2	SUFFOLK	NY	440	-68	72	84	87
1*	29.5					WASHINGTON	NY					
1*	10.3					WAYNE	NY					
2	.9	11*	3.6	4	1.0	WESTCHESTER	NY	298	-73	9	70	87
64	1.5	80	1.7	52	1.1	NORTH CAROLINA	NC	18	-35	-23		
1	1.5	2	3.8	1	1.4	ALAMANCE	NC	164	-64	-5	63	89
		1*	15.2			ALEXANDER	NC					
1	1.5	3*	6.0	2*	4.8	ANSON	NC	300	-20	219	95	96
1	2.1			1	2.8	BEAUFORT	NC			36	79	93
		1	2.7			BLADEN	NC					
				2	3.9	BUNCOMBE	NC					95
1	2.9	3*	10.8	1	1.6	CABARRUS	NC	272	-85	-45	30	89
		2*	9.9			CARTERET	NC					
1	3.3					CASWELL	NC					
				1	2.5	CATAWBA	NC					93
1	4.0					CHATHAM	NC					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
		1	5.2	1*	6.0	CHOWAN NC		15			97
		2	2.4			CLEVELAND NC					
2	4.7					COLUMBUS NC					
1	2.0	1	1.3	1	1.7	CRAVEN NC	-34	29	-14	56	90
		2	2.4	1	.6	CUMBERLAND NC		-74			85
		1	2.5	1	4.4	DAVIDSON NC		74			95
		2	3.4	1	2.1	DUPLIN NC		-38			92
5	3.7	3	1.8			DURHAM NC	-52				
		1	.9			EDGECOMBE NC					
4	2.0	3	1.4	3	1.7	FORSYTH NC	-29	16	-17	51	90
		1	2.4			FRANKLIN NC					
1	1.4	1	1.5	1	1.1	GASTON NC	7	-25	-20	48	87
		1	1.6	1	1.8	GRANVILLE NC		14			90
1	2.0	2*	4.9			GREENE NC	142				
		3	1.2	3	1.2	GUILFORD NC		2			88
4	3.9	5*	4.7	2	1.9	HALIFAX NC	21	-59	-50	25	91
		1	2.1	1	2.0	HARNETT NC		-5			91
1	2.3	1	2.2	2*	4.1	HERTFORD NC	-6	85	73	84	95
1	3.3					HOKE NC					
2	5.8					JOHNSTON NC					
				1*	5.3	JONES NC					96
1	.9			1	.9	LENOIR NC			-1	65	86
		1*	6.4			LINCOLN NC					
1	1.7					MARTIN NC					
3	1.1	6	2.2	4	1.2	MECKLENBURG NC	94	-45	6	69	88
				1*	2.7	MONTGOMERY NC					93
1	2.6	1	2.8	1	2.2	MOORE NC	6	-20	-15	55	92
3	3.2	3	3.1			NASH NC	-5				
4*	5.8	2	2.1	1	1.3	NEW HANOVER NC	-63	-40	-78	04	88
		1	1.7	1	1.6	NORTHAMPTON NC		-7			89
				1	.2	ONSLOW NC					85
1	1.6	2	5.3	1	1.7	ORANGE NC	229	-69	2	66	90
		1*	8.3			PAMLICO NC					
		2	5.8	1	2.8	PASQUOTANK NC		-52			93
		1	3.0	1	3.1	PENDER NC		4			94
		1	2.9			PERSON NC					
				1*	17.2	POLK NC					99
1	4.1					RANDOLPH NC					
6*	3.1	1	.9	2	1.1	ROBESON NC	-72	28	-64	13	87
1	1.7	1	2.0	1	1.5	ROCKINGHAM NC	20	-27	-12	58	89
1	2.0			1	1.8	ROWAN NC			-9	61	91
1	3.5					RUTHERFORD NC					
1	1.0	1	1.0			SAMPSON NC	1				
1	2.0	2	3.5	2	3.4	VANCE NC	77	-2	73	85	94
5	2.6	6	3.0	3	1.4	WAKE NC	14	-54	-48	28	89
		2	2.5			WARREN NC					
1	2.8	1	4.7			WASHINGTON NC	66				
4	3.4					WAYNE NC					
				1*	9.1	WILKES NC					98
		2	1.8	1	.7	WILSON NC		-58			86
		2	5.8	1	2.1	NORTH DAKOTA ND		-64			
		1*	85.2			CASS ND					
				1*	60.6	MC LEAN ND					99
		1	7.3			ROLETTE ND					
53	1.7	74	2.0	72*	1.7	OHIO OH	21	-17	0		
1	2.4	1	2.4			ALLEN OH	3				
		1*	73.7			ASHLAND OH					
		1	2.5	2*	4.0	BUTLER OH		64			95
22*	1.9	26	2.3	22	1.6	CUYAHOGA OH	24	-33	-17	52	89
5	1.4	8	2.0	5	1.3	FRANKLIN OH	46	-37	-9	61	88
6	1.1	8	1.4	13*	2.0	HAMILTON OH	35	40	90	87	91
		3*	10.9	1	5.0	JEFFERSON OH		-54			96
				1*	15.1	LAWRENCE OH					99
				1*	37.5	LICKING OH					99
1*	26.5					LOGAN OH					
3*	8.3	1	1.4	1	1.4	LORAIN OH	-83	0	-83	02	89
1	1.2	5	2.4	2	1.0	LUCAS OH	100	-58	-16	53	87
3	1.9	3	1.9	3	1.6	MAHONING OH	2	-18	-16	53	89
		1*	14.9			MIAMI OH					
8*	4.1	7	2.3	10*	2.3	MONTGOMERY OH	-44	1	-44	31	92
1*	30.7					PICKAWAY OH					
		1	4.4			RICHLAND OH					
		1*	43.0	1*	18.6	SENECA OH		-57			99
1	1.3	2	2.7	1	1.1	STARK OH	114	-59	-11	59	87
1	.6	5	2.5	8*	3.5	SUMMIT OH	295	43	465	98	94
				1*	22.8	WAYNE OH					99
14	1.6	16	1.6	13	1.0	OKLAHOMA OK	-2	-38	-39		
		1*	14.1			BLAINE OK					
				1*	4.6	CADDO OK					96
		1	2.9	1	.3	COMANCHE OK		-90			85
		1*	26.5			COTTON OK					
		1	3.5			CREEK OK					
		1*	7.4			DELAWARE OK					
1*	20.4			1*	12.4	GARVIN OK			-39	33	98
1*	12.6					LINCOLN OK					
1*	22.3					MC CLAIN OK					
		1*	10.3			MAYES OK					
1	1.2	1	1.2			MUSKOGEE OK	-5				
				1*	20.2	NOBLE OK					99
4	3.4	7*	3.4	3	1.1	OKLAHOMA OK	0	-67	-67	12	87
1	3.2	1	2.4			OKMULGEE OK	-25				
				1*	8.5	POTTAWATOMIE OK					98
1	4.7			1	5.7	SEMINOLE OK			22	75	96
		1*	17.5			TILLMAN OK					
4	3.4			4	1.9	TULSA OK			-43	31	91

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE 1950-1959		1960-1969		1970-1979		HODGKIN'S DISEASE COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	ICD 201
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	.4	1	.5	10*	3.3	OREGON	OR	5	604	643		
		1*	30.7			JEFFERSON	OR					
				1*	11.2	LANE	OR					98
				1*	9.9	MARION	OR					98
1	.7			8*	4.7	MULTNOMAH	OR			596	98	96
54	1.5	82	2.0	57	1.3	PENNSYLVANIA	PA	34	-38	-17		
11	1.8	12	1.8	12	1.7	ALLEGHENY	PA	3	-4	-1	64	90
1	1.8	2	3.2	1	2.5	BEAVER	PA	83	-22	42	80	93
		1	9.3			BERKS	PA					
		1	2.3	1	2.9	BUCKS	PA		25			93
		2*	11.5	1*	7.0	CAMBRIA	PA		-39			97
		1	1.3	2	2.5	CHESTER	PA		82			92
				1*	74.3	COLUMBIA	PA					99
2	2.0	1	1.1	2	1.7	DAUPHIN	PA	-43	53	-13	57	90
4	3.3	5	3.5	2	1.1	DELAWARE	PA	7	-70	-68	11	87
		1	2.3			ERIE	PA					
		1	2.5			FAYETTE	PA					
1*	7.8	1*	12.4			FRANKLIN	PA	59				
				1*	10.7	LUZERNE	PA					98
1*	16.6					LYCOMING	PA					
1	3.8	1	3.4			MERCER	PA	-10				
2	1.9	1	1.2	2	1.6	MONTGOMERY	PA	-34	27	-15	55	89
				1*	234.6	MONTOUR	PA					99
		1*	8.8			NORTHAMPTON	PA					
31	1.5	49	1.9	30	1.1	PHILADELPHIA	PA	29	-44	-28	41	87
		1	2.3	1	3.0	WASHINGTON	PA		27			94
		1	2.7			WESTMORELAND	PA					
3	2.7	1	.5			RHODE ISLAND	RI	-79				
3*	3.9	1	.9			PROVIDENCE	RI	-76				
32	1.0	40	1.4	43	1.3	SOUTH CAROLINA	SC	37	-7	28		
				1	3.9	ABBEVILLE	SC					95
1	1.4	1	1.3	1	1.6	AIKEN	SC	-8	23	13	72	89
1	1.8					ALLENDALE	SC					
1	1.3	1	1.5	2	2.4	ANDERSON	SC	16	59	84	86	92
1	1.6			1	3.9	BAMBERG	SC			143	91	95
2	2.9					BEAUFORT	SC					
1	3.0	1	1.6			BERKELEY	SC	-45				
1	1.3			1	5.7	CALHOUN	SC			328	97	96
5	1.7	2	.6	6	1.9	CHARLESTON	SC	-64	201	10	71	91
				1	1.9	CHESTERFIELD	SC					91
				1	1.9	COLLETON	SC					91
1	1.3	1	1.3			DARLINGTON	SC	-3				
2	5.0	1	2.1			DILLON	SC	-58				
		1	2.2	2*	2.6	DORCHESTER	SC		23			93
1	2.4			1	1.9	EDGEFIELD	SC			-23	44	91
2	3.5	1	2.4			FAIRFIELD	SC	-31				
1	.7			4*	2.7	FLORENCE	SC			275	97	93
		1	1.8	1	1.8	GEORGETOWN	SC		3			91
1	.6	4	2.6	2	1.1	GREENVILLE	SC	316	-59	71	83	87
3*	4.6			2	2.4	GREENWOOD	SC			-47	29	92
		1	3.0	1	2.6	JASPER	SC		-14			93
		2	4.8			KERSHAW	SC					
		1	2.7			LANCASTER	SC					
1	2.5	1	1.9			LAURENS	SC	-26				
				1	1.7	LEE	SC					90
2*	7.0	2	3.1	1	1.8	LEXINGTON	SC	-56	-41	-74	07	91
1	2.3	1	6.1	1*	3.4	MC CORMICK	SC	170	-45	49	81	94
1	1.9			1	1.8	MARION	SC			-3	63	91
				2*	4.7	MARLBORO	SC					96
		2	5.5			NEWBERRY	SC					
		6*	4.5	1	.7	ORANGEBURG	SC		-84			86
		1	5.5			PICKENS	SC					
1	.6	3	.9	4	1.6	RICHLAND	SC	63	79	192	94	90
		2	1.8	2	1.6	SPARTANBURG	SC		-15			89
		4	4.6	3	2.2	SUMTER	SC		-52			92
1	1.9					UNION	SC					
1	.8					WILLIAMSBURG	SC					
5*	3.9			2	1.9	SOUTH DAKOTA	SD			-51		
				1*	70.1	BENNETT	SD					99
				1*	23.4	CHARLES MIX	SD					99
2*	53.1					ROBERTS	SD					
1	4.5					SHANNON	SD					
1*	9.8					TODD	SD					
1*	62.6					YANKTON	SD					
37	1.5	37	1.5	37	1.3	TENNESSEE	TN	0	-11	-11		
1*	7.6			1*	8.7	BEDFORD	TN			14	73	98
				1*	43.0	BENTON	TN					99
1*	6.1					BLOUNT	TN					
		1*	8.6	1*	5.4	CROCKETT	TN		-38			96
5	1.3	5	1.3	5	1.4	DAVIDSON	TN	4	4	7	69	89
1	1.7					FAYETTE	TN					
2*	10.4	1	7.3	1*	4.6	GILES	TN	-30	-37	-56	20	96
		1*	10.2			HAMBLEN	TN					
2	1.1	4	2.1	5	2.2	HAMILTON	TN	88	5	97	87	92
1	1.3					HAYWOOD	TN					
				1*	31.5	HUMPHREYS	TN					99
1	1.1	4	4.1			KNOX	TN	260				
1	2.7	1	2.1			LAUDERDALE	TN	-25				
1*	39.3					LAWRENCE	TN					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE 1950-1959		1960-1969		1970-1979		HODGKIN'S DISEASE COUNTY AND STATE	PERCENT CHANGE			ICD 201 PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
1*	6.8					LINCOLN TN					
		1*	40.9			LOUDON TN					
1*	13.7					MC MINN TN					
				1*	23.6	MC NAIRY TN					99
1	1.8	1	1.1	2	1.8	MADISON TN	-35	58	2	66	90
				1*	20.2	MARION TN					99
2*	4.6	4*	11.2			MAURY TN	143				
1	2.4			1	3.0	MONTGOMERY TN			23	76	94
		1*	66.3			MOORE TN					
1*	6.1					OBION TN					
		1	2.8	2*	6.1	RUTHERFORD TN		115			97
14	1.6	12	1.3	14	1.2	SHELBY TN	-19	-4	-22	45	88
				1*	4.5	WILSON TN					95
71	1.4	83	1.6	82	1.1	TEXAS TX	8	-31	-26		
				1	4.0	ANDERSON TX					95
1	3.0	1	2.9			ANGELINA TX	-5				
6	3.3	5	2.3	5	1.2	BEXAR TX	-31	-45	-62	15	88
		1	1.8			BOWIE TX					
				3*	7.5	BRAZOS TX					97
		1	5.5			CALDWELL TX					
		1*	8.4			CAMP TX					
1	3.3			1	2.7	CASS TX			-19	48	93
2*	22.4					CHAMBERS TX					
		3*	7.2	2*	5.7	CHEROKEE TX		-20			96
1	5.5					COLORADO TX					
12	2.2	13	2.1	13	1.4	DALLAS TX	-7	-32	-37	36	89
		2*	22.6			DE WITT TX					
		1	4.0			ECTOR TX					
2	4.3	1	2.3			ELLIS TX	-45				
1	4.3	1	5.1			FALLS TX	18				
1	8.7					FREESTONE TX					
2	2.0	2	1.4	2	1.3	GALVESTON TX	-31	-5	-35	36	88
1	4.8					GONZALES TX					
				2*	5.7	GRAYSON TX					96
1	1.5	1	1.6			GREGG TX	5				
		1	5.0	1*	6.8	GUADALUPE TX		36			97
14	1.4	18	1.7	20	1.2	HARRIS TX	17	-26	-14	56	88
		1	5.5			HENDERSON TX					
2*	4.3					HOUSTON TX					
		1	4.6	1	3.8	JASPER TX		-17			95
2	.7	5	2.1	6	2.1	JEFFERSON TX	201	-3	193	94	91
				1*	6.7	JOHNSON TX					97
		1	4.8			LAMAR TX					
				1*	10.2	LAVACA TX					98
				1*	8.3	LEON TX					98
5*	16.1	1	1.5			LUBBOCK TX	-91				
4	4.0			2	2.0	MC LENNAN TX			-51	24	91
1	3.1					MATAGORDA TX					
		1*	38.3			MITCHELL TX					
		1	3.5	1	3.5	MONTGOMERY TX		1			94
				3*	10.2	NAVARRO TX					98
1	1.9			2	1.4	NUECES TX			-25	42	89
1	7.7	1	3.2	1	3.9	ORANGE TX	-59	24	-49	27	95
				2*	8.1	PANOLA TX					98
				1*	3.5	POLK TX					94
1	5.3	1	4.9			RED RIVER TX	-7				
1*	18.8					REFUGIO TX					
		1	3.3			ROBERTSON TX					
1	2.8					RUSK TX					
1*	11.8	1*	7.9			SAN AUGUSTINE TX	-33				
2	2.0	1	.8			SMITH TX	-63				
2	.7	6	2.1	4	.9	TARRANT TX	209	-57	32	78	86
		1*	30.4			TERRY TX					
				1*	5.2	TITUS TX					96
2	1.9	2	1.6	1	.5	TRAVIS TX	-15	-66	-71	10	85
		1*	5.8			TRINITY TX					
				1*	5.4	UPSHUR TX					96
		1*	11.8			VAN ZANDT TX					
		1	5.4			VICTORIA TX					
				1	2.2	WALKER TX					92
		2*	8.4			WALLER TX					
		1	2.6			WICHITA TX					
				1	3.0	WILLIAMSON TX					94
				1*	5.9	WOOD TX					97
1	1.4					UTAH UT					
1*	5.2					WEBER UT					
64	2.0	63	1.7	45	1.1	VIRGINIA VA	-12	-35	-43		
		1	1.6			ACCOMACK VA					
1	2.2	1	1.8			ALBEMARLE#VA	-16				
1*	6.8					ALLEGHANY#VA					
1	3.6	1	4.2			AMHERST VA	15				
1*	9.7					APPOMATTOX VA					
1	1.9	2	3.4	1	1.4	ARLINGTON#VA	79	-60	-29	41	88
1	6.3	1	4.1			AUGUSTA#VA	-34				
2*	41.1					BATH VA					
		1	1.0	1	1.0	BEDFORD#VA		8			87
1	2.1					BRUNSWICK VA					
		1	3.5			CAROLINE VA					
		1*	14.9			CARROLL#VA					
		1	3.2			CHARLOTTE VA					
9	2.0	8	1.7	6	1.5	CHESTERFIELD#VA	-17	-10	-25	43	89
1	5.5					CULPEPER VA					
2*	14.6					CUMBERLAND VA					
6*	3.3	1	.5	3	1.4	DINWIDDIE#VA	-85	192	-56	20	89
2	1.1	3	5.2	1	.3	FAIRFAX#VA	378	-95	-74	08	85

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE MALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1	4.2			FAUQUIER VA					
1*	74.3					GREENE VA					
				1	3.2	GREENSVILLE#VA					94
1	1.7	1	1.1	1	1.7	HALIFAX#VA	-36	55	0	65	90
1	2.7					HANOVER VA					
				1	1.0	HENRICO VA					86
1	2.0	3*	7.0			HENRY#VA	247				
1	1.9	1	1.6			JAMES CITY#VA	-15				
1*	6.8					KING AND QUEEN VA					
		1	10.2	1*	4.6	KING WILLIAM VA		-55			96
1	6.8					LANCASTER VA					
1	4.0			2*	9.3	LUNENBURG VA			130	90	98
		1*	11.4			MATHEWS VA					
		1	1.5	2*	3.6	MECKLENBURG VA		141			95
		1	7.1			NELSON VA					
2	5.3	3*	7.5			NORTHAMPTON VA	42				
1	5.0			1*	4.6	NORTHUMBERLAND VA			-8	62	96
				1	2.6	NOTTOWAY VA					93
		1*	10.2			ORANGE VA					
1	.8	5*	3.8	2	1.7	PITTSYLVANIA#VA	354	-54	108	88	90
1*	10.3					POWHATAN VA					
1	3.9	1	3.8	1	3.1	PRINCE EDWARD VA	-3	-18	-20	47	94
		1*	11.7			PULASKI VA					
		2	2.8			ROANOKE#VA					
1	1.3	1	1.9	1	1.1	SOUTHAMPTON#VA	45	-39	-12	58	87
				1*	6.9	SURRY VA					97
2*	5.2	1	3.7			SUSSEX VA	-29				
		1*	18.2			WARREN VA					
		1*	9.0			WASHINGTON#VA					
				1	4.8	WESTMORELAND VA					96
16*	3.1	8	1.2	7	.9	CHESAPEAKE CITY#VA	-61	-25	-71	10	86
		1	1.4	4*	2.3	HAMPTON CITY VA		68			92
1	1.5	2	1.0	5*	3.1	NEWPORT NEWS CITY VA	-31	198	106	88	94
1	.9	3	3.5	1	1.1	SUFFOLK CITY VA	311	-70	25	76	87
10	2.6	8	1.5	9	1.0	WASHINGTON WA	-40	-34	-61		
				1*	2.6	BENTON WA					93
1*	17.6					GRAYS HARBOR WA					
7*	3.7	5	1.6	5	1.2	KING WA	-57	-25	-68	11	88
		1	6.4			KITSAP WA					
				1*	24.8	OKANOGAN WA					99
1	2.2	1	.7	1	.3	PIERCE WA	-69	-64	-89	01	85
		1*	62.9			STEVENS WA					
1	3.6			1	1.9	YAKIMA WA			-47	30	91
9	1.7	5	1.1	7	2.2	WEST VIRGINIA WV	-39	110	29		
1	3.6					CABELL WV					
		1	2.7			FAYETTE WV					
				2*	14.6	JEFFERSON WV					99
2	2.3			3*	5.4	KANAWHA WV			135	91	96
1	4.2	1	5.1			LOGAN WV	22				
2	1.9					MC DOWELL WV					
		1*	4.1			MARION WV					
		1	2.2			MERCER WV					
1*	11.9					MINGO WV					
				1*	9.6	OHIO WV					98
1*	37.5					POCAHONTAS WV					
1	1.7	1	2.2	1	1.8	RALEIGH WV	28	-16	8	70	91
2	.4	7	1.9	8	.8	WISCONSIN WI	360	-59	90		
				1*	23.8	BAYFIELD WI					99
				1	.6	DANE WI					85
		1*	12.4			KENOSHA WI					
2	.6	3	1.3	4	.7	MILWAUKEE WI	118	-45	19	75	86
		2*	8.1	1	1.1	RACINE WI		-86			87
				1*	161.1	WASHBURN WI					99
		1*	490.8			WASHINGTON WI					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE 1950-1959		1960-1969		1970-1979		HODGKIN'S DISEASE COUNTY AND STATE	PERCENT CHANGE			ICD 201 PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
642	.8	783	.8	718	.5	UNITED STATES	-2	-34	-35		
39	.8	22	.5	22	.4	ALABAMA AL	-42	-6	-45		
				1	1.3	BALDWIN AL					95
				1	1.4	BARBOUR AL					95
1*	4.3					BIBB AL					
2*	5.3					BUTLER AL					
1	1.2			1	.7	CALHOUN AL			-39	43	93
1	1.7					CHAMBERS AL					
		1*	6.7			CHILTON AL					
1	1.5			1	1.8	CLARKE AL			17	74	96
1*	3.1					COVINGTON AL					
				1	.7	DALLAS AL					93
				1*	1.9	ELMORE AL					96
1	2.3					ESCAMBIA AL					
4*	5.2	1	1.5	1	1.3	ETOWAH AL	-72	-11	-75	12	95
1*	4.3					GENEVA AL					
		1	1.9			GREENE AL					
		1	1.1			HALE AL					
1	1.4	2*	3.3	1	1.5	HOUSTON AL	135	-54	8	70	95
8	.7	4	.4	5	.4	JEFFERSON AL	-53	19	-44	39	91
				1*	3.1	LAWRENCE AL					97
1	1.0			2*	2.0	LEE AL			98	90	96
2	2.2					MACON AL					
1	.6			1	.7	MARENGO AL			17	75	93
4	1.0	6	1.2	2	.4	MOBILE AL	21	-66	-59	18	91
		1	1.0			MONROE AL					
2	.8					MONTGOMERY AL					
1	2.4					MORGAN AL					
1	1.6					PICKENS AL					
				1	2.1	PIKE AL					96
		2*	8.2			RANDOLPH AL					
1	1.2	2	1.9	1	1.2	RUSSELL AL	69	-40	1	66	94
1	.9	1	1.3	1	1.2	TALLADEGA AL	43	-6	35	78	94
1	2.0					TALLAPOOSA AL					
2	1.3					TUSCALOOSA AL					
		3	2.1	1	1.1	ALASKA AK		-47			
1	.2			3	.2	ARIZONA AZ			26		
				1	.9	COCONINO AZ					93
				1	.2	MARICOPA AZ					90
				1*	10.4	MOHAVE AZ					99
1	1.5					PIMA AZ					
11	.5	12	.6	6	.3	ARKANSAS AR	19	-57	-49		
				1*	2.8	ARKANSAS AR					97
				1*	3.3	ASHLEY AR					97
2*	2.7	1	2.2	1	2.5	CHICOT AR	-19	16	-7	62	97
1	2.4					COLUMBIA AR					
		1	1.1			CRITTENDEN AR					
1*	2.8	1*	2.9			CROSS AR	3				
				1*	1.8	DESHA AR					96
		1*	6.9			HOWARD AR					
2	.8	1	.6	1	.4	JEFFERSON AR	-32	-30	-52	28	91
		2*	2.9			OUACHITA AR					
		1	1.2			PHILLIPS AR					
3	1.2	2	.7	1	.1	PULASKI AR	-39	-80	-88	04	90
		2*	2.7			ST FRANCIS AR					
1*	4.0					SEBASTIAN AR					
1*	3.6					WOODRUFF AR					
31	.8	52	.8	44	.3	CALIFORNIA CA	-2	-62	-63		
6	1.2	7	1.1	4	.4	ALAMEDA CA	-8	-63	-67	14	91
3*	2.6	4*	3.3	1	.3	CONTRA COSTA CA	27	-91	-89	03	90
1	1.5	1	.6	1	.3	FRESNO CA	-60	-47	-79	07	90
2*	2.8	2	4.8			KERN CA	73				
15	.9	25	.7	24	.4	LOS ANGELES CA	-18	-48	-57	20	91
		2*	2.2			ORANGE CA					
		1	1.3	1	.4	RIVERSIDE CA		-69			91
1	.7	2	.9	1	.4	SACRAMENTO CA	28	-59	-47	33	91
		1	.9	1	.8	SAN BERNARDINO CA		-13			93
		3	1.6	2	.2	SAN DIEGO CA		-87			90
1	.2	2	.3	5	.4	SAN FRANCISCO CA	58	58	150	93	91
		2	1.9			SAN JOAQUIN CA					
1	2.3			1	.1	SAN MATEO CA			-96	00	90
				1	.1	SANTA CLARA CA					90
				1	.4	SOLANO CA					91
1*	15.8					SONOMA CA					
				1*	1.8	YOLO CA					96
2	1.1	1	.6			COLORADO CO	-50				
2	1.6	1	.8			DENVER-ARAPAHOE#CO	-50				
6	1.8	8	1.1	2	.2	CONNECTICUT CT	-42	-79	-88		
4*	3.7	2	1.0			FAIRFIELD CT	-72				
1	1.0	4*	1.6	1	.2	HARTFORD CT	67	-87	-78	08	90
1	1.7	2	.8	1	.6	NEW HAVEN CT	-51	-32	-66	15	92
4	2.0	2	.6	4	.9	DELAWARE DE	-70	47	-55		
1	2.8					KENT DE					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	.4	2	.9	4*	1.4	NEW CASTLE DE	113	51	221	98	95
2*	5.0					SUSSEX DE					
19	1.3	24	1.1	16	.6	DIST. OF COLUMBIA DC	-19	-45	-56		
19	1.3	24	1.1	16	.6	WASHINGTON DC	-19	-45	-56	23	92
20	.6	26	.6	25	.4	FLORIDA FL	6	-27	-23		
1	1.2					ALACHUA FL					
		1	1.7			BREVARD FL					
		1	.2	1	.2	BROWARD FL		-15			90
3	.5	6	.8	1	.1	DADE FL	53	-90	-85	05	90
5	1.0	1	.2	4	.6	DUVAL FL	-83	266	-38	45	92
2	1.1					ESCAMBIA FL					
		2	.7	2	.6	HILLSBOROUGH FL		-10			92
1*	6.5	1*	3.6			INDIAN RIVER FL	-44				
1	.9					LEON FL					
				1*	7.6	LEVY FL					99
				1	2.1	MANATEE FL					96
		1	1.2			MARION FL					
1*	4.2	1*	6.1	1*	4.5	MONROE FL	48	-27	8	70	98
		1*	4.3			NASSAU FL					
				1*	4.7	OKALOOSA FL					98
		1*	24.8			OKEECHOBEE FL					
		1	.4			ORANGE FL					
1	.8	1	.6	3	.9	PALM BEACH FL	-30	49	5	68	93
1	.7			1	.4	PINELLAS FL			-37	46	91
1	.9	3	1.5	2	1.0	POLK FL	64	-31	13	71	94
				1*	3.1	ST JOHNS FL					97
1	6.7	1	7.4	3*	3.7	ST LUCIE FL	10	-50	-45	37	98
		1	1.8	1	.9	SEMINOLE FL		-49			93
				1*	7.7	TAYLOR FL					99
2	1.8	3*	2.7	1	.8	VOLUSIA FL	51	-71	-57	20	93
32	.6	38	.7	28	.4	GEORGIA GA	7	-38	-34		
		1	1.6	1	1.5	BALDWIN GA		-3			95
				1*	7.3	BARROW GA					98
1	.3	3	1.1	2	.8	BIBB GA	240	-30	139	92	93
				1*	8.5	BLECKLEY GA					99
2*	2.5	2*	3.0			BURKE GA	20				
1*	8.9					BUTTS GA					
				1*	3.9	CAMDEN GA					98
		1*	2.9			CARROLL GA					
4	1.2	3	.9	2	.5	CHATHAM GA	-22	-43	-56	22	91
1	2.6			1	1.9	COWETA GA			-27	52	96
1	3.4	1	3.3			CRISP GA	-3				
		1	2.5			DECATUR GA					
		1	.5	1	.3	DE KALB GA		-41			90
1*	3.3					DOOLY GA					
				2	.9	DOUGHERTY GA					93
1*	11.9					DOUGLAS GA					
		1	2.1			FLOYD GA					
6	.6	9	.8	4	.3	FULTON GA	33	-62	-49	30	90
		1	1.3			GLYNN GA					
1*	4.1					HALL GA					
1*	5.3					HARRIS GA					
1*	3.5			1*	3.7	HENRY GA			5	69	98
		1	1.7			HOUSTON GA					
		1*	7.7			JACKSON GA					
		1*	6.5			JOHNSON GA					
1*	4.8					JONES GA					
		1*	4.2			LAMAR GA					
		1*	3.9			LEE GA					
				1*	2.0	MITCHELL GA					96
1*	3.8					MORGAN GA					
1	.4	2	1.2	1	.2	MUSCOGEE#GA	225	-82	-42	42	90
1*	2.5					NEWTON GA					
		1	2.5			PEACH GA					
1*	7.2	1*	6.9	1*	7.3	PULASKI GA	-5	6	1	67	99
1*	5.1					PUTNAM GA					
1	3.5					RANDOLPH GA					
		3	1.3	3	1.2	RICHMOND GA		-10			94
1*	7.6					ROCKDALE GA					
1	2.0			2*	3.4	SPALDING GA			66	84	97
1*	3.3					STEWART GA					
1*	4.4					TELFAIR GA					
				1*	3.0	TOOMBS GA					97
		1*	7.6	1*	3.6	TWIGGS GA		-52			98
				1*	8.1	WALKER GA					99
		1*	2.5			WILKES GA					
		25*	1.5	12	.5	HAWAII HI		-65			
		3	1.5			HAWAII HI					
		21*	1.6	8	.4	HONOLULU HI		-74			91
				1	1.4	KAUAI HI					95
		1	.9	3*	1.7	MAUI#HI		101			96
35	.9	48	.9	38	.5	ILLINOIS IL	-3	-46	-47		
		1*	4.6			ALEXANDER IL					
		1	2.8			CHAMPAIGN IL					
30	.9	41	.9	33	.5	COOK IL	-3	-41	-43	40	91
		1*	3.1	1	.5	KANE IL		-83			92
1	2.3					KANKAKEE IL					
				1	.5	LAKE IL					91
1	1.9					MADISON IL					
		1*	12.2			MASSAC IL					
		1	1.5			PEORIA IL					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
3	2.0			1	.2	ST CLAIR	IL			-89	03	90
				1	2.3	SANGAMON	IL					97
		2*	10.1			VERMILION	IL					
				1	1.0	WILL	IL					94
17*	1.5	16	1.2	17*	.9	INDIANA	IN	-19	-22	-37		
				1	1.4	ALLEN	IN					95
				1*	62.9	BOONE	IN					99
		1*	7.6			CLARK	IN					
				1*	67.0	DEARBORN	IN					99
1*	11.9					ELKHART	IN					
				1*	27.6	FAYETTE	IN					99
1*	6.6					HOWARD	IN					
				1*	56.2	KNOX	IN					99
5	1.2	5	1.0	3	.5	LAKE	IN	-15	-49	-56	21	92
1*	8.3	1*	6.2			MADISON	IN	-25				
7*	1.7	5	1.0	8*	1.1	MARION	IN	-39	6	-35	48	94
1	1.1	1	1.1	1	.7	ST JOSEPH	IN	1	-40	-39	44	92
1*	24.5					TIPPECANOE	IN					
		2*	4.2			VANDERBURGH	IN					
		1*	4.7			VIGO	IN					
		2	1.7	2	1.0	IOWA	IA		-43			
		1*	22.8			LEE	IA					
		1	1.9	2*	2.8	POLK	IA		45			97
4	1.0	6	1.1	1	.2	KANSAS	KS	16	-84	-82		
1*	12.8					ATCHISON	KS					
1*	10.2	1*	12.7			GEARY	KS	25				
		1*	43.0			PRATT	KS					
		2	1.3	1	.7	SEDGWICK	KS		-49			92
2	1.2	2	1.1			WYANDOTTE	KS	-8				
12	1.1	6	.5	15*	1.2	KENTUCKY	KY	-57	145	5		
		1*	5.8	1*	5.8	BOURBON	KY		0			98
1*	70.1					CRITTENDEN	KY					
1	1.0					FAYETTE	KY					
1*	26.2					GARRARD	KY					
				1*	8.8	HARLAN	KY					99
2*	10.8					HOPKINS	KY					
4	1.1	3	.6	10*	1.9	JEFFERSON	KY	-45	212	71	85	96
				1*	6.0	KENTON	KY					98
		1	2.4			MC CRACKEN	KY					
1*	17.0					MONTGOMERY	KY					
		1*	7.7			MUHLENBERG	KY					
1*	19.6					PERRY	KY					
				1*	2.2	WARREN	KY					96
1*	10.2					WEBSTER	KY					
				1*	57.3	WHITLEY	KY					99
36	.8	39	.8	22	.4	LOUISIANA	LA	-2	-50	-51		
1*	4.3					ASSUMPTION	LA					
1	2.0					AVOYELLES	LA					
1	2.5					BIENVILLE	LA					
		1	1.4			BOSSIER	LA					
4	1.1	2	.5	2	.4	CADDO	LA	-57	-6	-59	16	91
		1	1.0	1	.6	CALCASIEU	LA		-44			92
1	2.9					CONCORDIA	LA					
		1	1.8			DE SOTO	LA					
		1	.4	2	.6	EAST BATON ROUGE	LA		37			92
		1	1.9			EAST FELICIANA	LA					
		1*	4.3			EVANGELINE	LA					
		1	1.5			IBERIA	LA					
3*	3.6	1	.6			JEFFERSON	LA	-84				
2*	4.0	1	.8	3*	3.4	LAFAYETTE	LA	-80	319	-17	57	97
		1*	10.2			LIVINGSTON	LA					
2*	3.0	1	1.5			MOREHOUSE	LA	-48				
3*	4.8	1	1.8			NATCHITOCHES	LA	-62				
10	1.0	16*	1.4	7	.5	ORLEANS	LA	40	-62	-47	35	92
1	.8			2	1.1	OUACHITA	LA			45	80	94
				1	1.6	POINTE COUPEE	LA					95
1	.5	1	.6	2	1.2	RAPIDES	LA	24	93	140	93	94
		2*	4.6			RICHLAND	LA					
		1	3.0			ST JAMES	LA					
1	.5			1	.8	ST LANDRY	LA			60	83	93
1	3.7	1	2.1			ST MARTIN	LA	-44				
		1	1.3			ST MARY	LA					
		2	2.4			TANGIPAHOA	LA					
1	.9					TERREBONNE	LA					
1*	4.3					VERMILION	LA					
1	1.5					WASHINGTON	LA					
		1	1.4	1	1.4	WEBSTER	LA		1			95
1*	4.5					WEST FELICIANA	LA					
16	.9	20	.7	25	.7	MARYLAND	MD	-23	9	-17		
1*	19.9					ALLEGANY	MD					
1	1.0			2	1.3	ANNE ARUNDEL	MD			28	76	95
		2	1.8	1	1.3	BALTIMORE	MD		-28			94
		1*	4.5			CAROLINE	MD					
1*	10.6					CARROLL	MD					
1*	9.0					CECIL	MD					
1	4.6					CHARLES	MD					
1*	2.6			1	1.8	HARFORD	MD			-30	50	96
		2	1.2	1	.3	MONTGOMERY	MD		-78			90
2	2.1			3	.9	PRINCE GEORGE'S	MD			-58	19	93

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		2*	6.1	1*	2.3	SOMERSET	MD		-62			97
1*	3.8					TALBOT	MD					
		1	1.7	2*	3.3	WICOMICO	MD		92			97
		2*	5.6	1*	2.5	WORCESTER	MD		-55			97
7	.7	10	.6	13	.6	BALTIMORE CITY	MD	-6	2	-4	63	92
7	1.4	6	.7	10	.9	MASSACHUSETTS	MA	-48	23	-36		
		1	.7	1	.6	HAMPDEN	MA		-9			92
2*	2.2	1	.7			MIDDLESEX	MA	-66				
				1*	112.5	NANTUCKET	MA					99
		1*	4.4			NORFOLK	MA					
5*	2.1	3	.9	8*	1.4	SUFFOLK	MA	-58	61	-32	50	95
13	.4	40	1.0	32	.6	MICHIGAN	MI	138	-44	33		
				1	1.2	BERRIEN	MI					94
		1	1.9	1	1.4	CALHOUN	MI		-23			95
		1	.3			GENESEE	MI					
1	1.3					KENT	MI					
		2*	2.8	1	1.6	MUSKEGON	MI		-42			96
		1	.6	3*	1.4	OAKLAND	MI		129			95
2*	4.8	3*	4.0	1	.3	SAGINAW	MI	-16	-91	-93	01	90
		1	1.4	1	.3	WASHTENAW	MI		-76			91
10	.4	31*	1.1	24	.6	WAYNE	MI	158	-43	47	81	92
2	1.3	3	1.6	4	1.4	MINNESOTA	MN	30	-15	10		
2*	4.2	2	2.1	3*	2.2	HENNEPIN	MN	-50	4	-48	33	96
				1	1.5	RAMSEY	MN					95
		1*	37.5			ST LOUIS	MN					
27	.6	19	.5	27	.7	MISSISSIPPI	MS	-16	31	11		
		1	1.3	2*	2.1	ADAMS	MS		63			96
		1*	5.2			ALCORN	MS					
				1*	3.1	ATTALA	MS					97
2	.9	1	.5			BOLIVAR	MS	-37				
1*	2.2					CALHOUN	MS					
1*	2.6					CLARKE	MS					
1	1.9					CLAY	MS					
1	.7			2	1.8	COAHOMA	MS			159	95	96
2*	2.5					COPIAH	MS					
1	1.8	1	2.0			DE SOTO	MS	10				
2*	3.1			1	.6	HARRISON	MS			-79	06	92
1	.2			1	.2	HINDS	MS			-18	56	90
2	1.4	1	1.4			HOLMES	MS	-2				
		1*	13.7			ISSAQUENA	MS					
				1*	14.5	ITAWAMBA	MS					99
				2*	2.5	JACKSON	MS					97
		1	2.0			JEFFERSON	MS					
1	1.2	1	1.6			JONES	MS	30				
1	.8	1	.9			LAUDERDALE	MS	17				
				2*	3.9	LEE	MS					98
1	.5	1	.9	1	1.0	LEFLORE	MS	79	11	99	90	94
		2*	2.7			LOWNDES	MS					
				1	1.2	MADISON	MS					94
1	2.0					MARSHALL	MS					
				1	2.0	MONROE	MS					96
		1	2.2			NOXUBEE	MS					
				1	1.0	PANOLA	MS					93
1	1.2			2*	3.4	PIKE	MS			191	97	97
				1*	8.8	PRENTISS	MS					99
		1	1.8			PANKIN	MS					
				1*	2.2	SCOTT	MS					96
				1*	4.0	SIMPSON	MS					98
				1	.9	SUNFLOWER	MS					93
1	1.5			1	2.5	TALLAHATCHIE	MS			74	86	97
1	3.4					TATE	MS					
		1*	5.2			WALTHALL	MS					
1	.8					WARREN	MS					
2	1.0	2	1.0	2	1.2	WASHINGTON	MS	2	13	16	73	94
				1*	2.4	WILKINSON	MS					97
1	2.5	1	3.8			WINSTON	MS	52				
				1*	3.1	YALOBUSHA	MS					97
2	2.3	1	1.0			YAZOO	MS	-57				
14	.8	19	.9	12	.5	MISSOURI	MO	14	-43	-35		
1*	4.7					COLE	MO					
3	.9	6	1.1	3	.5	JACKSON	MO	25	-54	-43	40	91
				1*	10.4	MARION	MO					99
				1*	4.5	MISSISSIPPI	MO					98
		1	1.7			PEMISCOT	MO					
		1	.8	1	.4	ST LOUIS COUNTY	MO		-54			91
				1*	14.4	SALINE	MO					99
		1*	7.6			SCOTT	MO					
10	.9	10	.8	5	.4	ST LOUIS CITY	MO	-10	-50	-55	26	91
		1	1.6			MONTANA	MT					
		1*	14.5			ROOSEVELT	MT					
2	1.8	2	1.0	1	.4	NEBRASKA	NB	-44	-59	-77		
1	1.3	2	1.3	1	.6	DOUGLAS	NB	3	-57	-55	23	92
1*	9.5					LANCASTER	NB					
		1	.9	1	.1	NEVADA	NV		-85			
		1	1.5	1	.2	CLARK	NV		-88			90

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
8	.4	16	.5	38*	.8	NEW JERSEY	NJ	50	50	124		
1	.6	2	1.4			ATLANTIC	NJ	114				
1	1.6					BERGEN	NJ					
		2*	2.9			BURLINGTON	NJ					
		1	.4	4*	1.3	CAMDEN	NJ		235			94
				1*	3.1	CAPE MAY	NJ					97
				2*	1.7	CUMBERLAND	NJ					96
2	.2	5	.5	12	.8	ESSEX	NJ	164	67	340	99	93
		2	.6	3	.6	HUDSON	NJ		-5			92
		2	1.2	3	1.3	MERCER	NJ		4			94
1	2.2			2	1.1	MIDDLESEX	NJ			-48	32	94
				4*	1.6	MONMOUTH	NJ					95
1*	3.8					MORRIS	NJ					
1	.9	1	2.7	1	.6	PASSAIC	NJ	193	-77	-33	49	92
				1*	2.2	SALEM	NJ					96
		1*	1.9			SOMERSET	NJ					
1	.8			5*	1.4	UNION	NJ			78	88	95
		2	.6			NEW MEXICO	NM					
		2*	15.0			LEA	NM					
78*	1.4	76	.9	76	.5	NEW YORK	NY	-35	-39	-61		
5	.6	12	.9	16	.7	BRONX	NY	48	-23	14	72	92
1*	28.7					CHAUTAUQUA	NY					
1*	91.1					CHENANGO	NY					
2	.5	5	1.4	2	.3	ERIE	NY	169	-78	-42	41	90
16	1.1	22	1.1	22	.6	KINGS(BROOKLYN)	NY	-3	-45	-46	36	92
				5*	1.8	MONROE	NY					96
2	1.4	2	1.7	3	.7	NASSAU	NY	27	-60	-50	30	92
34*	1.6	23	.9	14	.5	NEW YORK(MANHATTAN)	NY	-42	-48	-70	13	91
1*	17.2	1	1.5			NIAGARA	NY	-91				
1*	7.0					ONEIDA	NY					
				1	1.4	ONONDAGA	NY					95
1*	3.4	1	2.6			ORANGE	NY	-24				
		1*	93.7			OTSEGO	NY					
7	1.5	7	.6	10	.5	QUEENS	NY	-58	-27	-69	13	91
1*	21.0					SCHENECTADY	NY					
2	2.1					SUFFOLK	NY					
				1*	6.0	SULLIVAN	NY					98
1*	7.1			1*	4.5	ULSTER	NY			-36	46	98
3	.8	2	.5	1	.2	WESTCHESTER	NY	-44	-61	-78	09	90
25	.5	28	.5	36	.6	NORTH CAROLINA	NC	7	7	15		
				1	1.0	ALAMANCE	NC					93
				2*	2.9	BERTIE	NC					97
		1	2.1			BLADEN	NC					
		1	1.7			BUNCOMBE	NC					
1	2.1			1	1.1	CABARRUS	NC			-44	38	94
				1*	1.9	CHATHAM	NC					96
				1	1.6	CLEVELAND	NC					95
		1	1.7	1	1.6	COLUMBUS	NC		-4			96
		1	1.5	1	1.2	CRAVEN	NC		-17			94
1	1.5			2	1.1	CUMBERLAND	NC			-27	53	94
				1	2.1	DAVIDSON	NC					96
1	1.1	1	1.7	1	1.6	DUPLIN	NC	50	-8	38	79	95
2	1.1			2	.9	DURHAM	NC			-21	54	93
				1	.8	EDGECOMBE	NC					93
1	.3	3	1.1			FORSYTH	NC	238				
		1	2.0	1	1.5	FRANKLIN	NC		-25			95
1	1.1			1	.9	GASTON	NC			-19	56	93
1*	3.8					GATES	NC					
1	1.9					GRANVILLE	NC					
2	.7	4	1.6	1	.3	GUILFORD	NC	132	-79	-52	29	90
1	1.2	1	.9			HALIFAX	NC	-25				
		1	1.5			HARNETT	NC					
				1*	1.5	HOKE	NC					95
				1*	2.0	LEE	NC					96
1	1.0	1	1.2	1	.9	LENOIR	NC	20	-19	-3	65	93
				1*	6.4	LINCOLN	NC					98
1	1.4	1	2.2			MARTIN	NC	53				
4	1.6			1	.4	MECKLENBURG	NC			-77	10	91
		1	2.3	1	1.7	MOORE	NC		-27			96
				1	1.0	NASH	NC					93
2	1.8			1	.9	NEW HANOVER	NC			-53	27	93
		1	1.1			NORTHAMPTON	NC					
				1	1.6	PASQUOTANK	NC					95
1	.6	2	1.4			PITT	NC	128				
1	1.3			2*	3.4	RICHMOND	NC			158	94	98
		1	.3	2	1.1	ROBESON	NC		223			94
		1	.9	1	1.0	ROCKINGHAM	NC		8			93
		1	1.7			ROWAN	NC					
		1	1.3	1	1.3	SAMPSON	NC		-2			94
1*	15.8					STOKES	NC					
				1*	15.2	TRANSYLVANIA	NC					99
		1	1.8	1	1.4	VANCE	NC		-22			95
		1	.3			WAKE	NC					
1	.8	1	.8			WAYNE	NC	-6				
1	.8			1	.9	WILSON	NC			14	73	93
1	3.5			1	.7	NORTH DAKOTA	ND			-81		
				1*	65.5	RAMSEY	ND					99
1*	8.6					ROLETTE	ND					
30	1.0	28	.7	33	.6	OHIO	OH	-31	-5	-35		

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		2*	4.7			ALLEN	OH					
1	2.2	1	1.5			BUTLER	OH	-30				
1	1.3					CLARK	OH					
		1*	8.8			COLUMBIANA	OH					
11	1.0	10	.8	13	.7	CUYAHOGA	OH	-25	-2	-27	53	93
4	1.5	4	.8	2	.4	FRANKLIN	OH	-51	-51	-76	10	91
4	.7	4	.6	4	.5	HAMILTON	OH	-22	-17	-35	47	91
1*	3.5					JEFFERSON	OH					
1	1.4	1	1.2			LOPAIN	OH	-11				
		3	1.5	5*	1.6	LUCAS	OH		5			95
3*	2.2					MAHONING	OH					
				1*	22.4	MEDINA	OH					99
				3	.8	MONTGOMERY	OH					93
				1*	21.8	PICKAWAY	OH					99
1*	9.9			1*	8.6	ROSS	OH			-13	59	99
1*	10.1					SCIOTO	OH					
		1	1.1			STARK	OH					
1	.5			2	.7	SUMMIT	OH			52	83	92
1	1.7	1	3.4	1	1.5	TRUMBULL	OH	105	-55	-8	60	95
6	.7	10	.8	7	.4	OKLAHOMA	OK	15	-42	-33		
		1*	43.0			BECKHAM	OK					
		1*	5.5			CADDO	OK					
1*	28.1					CANADIAN	OK					
		1*	3.5	2*	7.9	CARTER	OK		124			99
1*	1.5					COMANCHE	OK					
				1*	10.3	JACKSON	OK					99
1*	6.9					KAY	OK					
1*	6.5			1*	3.4	MC INTOSH	OK			-48	31	98
1	1.1					MUSKOGEE	OK					
		5*	2.1			OKLAHOMA	OK					
				1*	1.7	OKMULGEE	OK					96
				1*	5.8	OTTAWA	OK					98
				1*	3.9	SEMINOLE	OK					98
1	.6	1	.5			TULSA	OK	-13				
		1*	9.6			WAGONER	OK					
1	.5	3	1.6	1	.3	OREGON	OR	217	-81	-40		
1*	25.6					LANE	OR					
		3*	2.5	1	.5	MULTNOMAH	OR		-79			92
33	.9	45	1.0	50*	.9	PENNSYLVANIA	PA	9	-8	0		
8	1.2	8	1.1	7	.9	ALLEGHENY	PA	-11	-19	-28	51	93
		1*	4.4			BERKS	PA					
		1*	6.1			BUCKS	PA					
		1	1.1	1	1.0	CHESTER	PA		-9			94
1*	172.0					CLINTON	PA					
				1*	70.7	COLUMBIA	PA					99
1	.8	2	1.5			DAUPHIN	PA	87				
2	1.3	4*	2.0	2	.6	DELAWARE	PA	46	-69	-55	24	92
				1*	3.7	LANCASTER	PA					98
				2	1.1	MONTGOMERY	PA					94
				1*	341.0	MONTOUR	PA					99
		2*	9.7			NORTHAMPTON	PA					
				2*	98.3	NORTHUMBERLAND	PA					99
21	.9	24	.8	30*	.9	PHILADELPHIA	PA	-11	4	-8	60	93
		1	3.1			WASHINGTON	PA					
		1	3.1	1*	2.4	WESTMORELAND	PA		-22			97
				2*	5.3	YORK	PA					98
		1	.7			RHODE ISLAND	RI					
		1	1.0			PROVIDENCE	RI					
17	.5	22	.6	18	.4	SOUTH CAROLINA	SC	33	-31	-9		
		1	1.2			AIKEN	SC					
		1	2.9			BARNWELL	SC					
3	.7	3	.9	1	.2	CHARLESTON	SC	24	-80	-76	11	90
		1	2.1			CHESTER	SC					
1	3.6	1	1.6			CLARENDON	SC	-56				
1	.7	1	1.1	1	1.1	DARLINGTON	SC	57	-3	52	82	94
2*	4.4					DILLON	SC					
1	4.1					DORCHESTER	SC					
		1	2.5			EDGEFIELD	SC					
1	1.8					FAIRFIELD	SC					
1	.5	1	.6	2	1.2	FLORENCE	SC	28	106	164	96	94
1	.6	2	1.3	1	.5	GREENVILLE	SC	130	-58	-4	63	92
				3*	4.1	GREENWOOD	SC					98
1	2.4					HAMPTON	SC					
1	1.7					KERSHAW	SC					
		1	1.8			LAURENS	SC					
				2*	3.7	LEE	SC					98
1	.6			1	1.3	MARION	SC			119	91	94
1	.7	2	1.0	2	1.2	ORANGEBURG	SC	58	14	81	89	94
		2*	8.5			PICKENS	SC					
1	.3	3	.9	2	.4	RICHLAND	SC	238	-61	32	77	91
				1	.6	SPARTANBURG	SC					92
1	.6	1	.8			SUMTER	SC	25				
		1	3.0			UNION	SC					
				2*	2.3	WILLIAMSBURG	SC					97
2	1.5					SOUTH DAKOTA	SD					
1*	562.5					BUTTE	SD					
1*	10.7					DEWEY	SD					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
13	.5	28	1.0	17	.5	TENNESSEE TN	105	-51	1		
		1*	6.9			BLOUNT TN					
2	.5	3	.7	5	1.0	DAVIDSON TN	30	34	74	87	93
		1*	19.2			DICKSON TN					
1*	3.2					DYER TN					
				1*	9.1	FRANKLIN TN					99
1	.4	3	1.3	1	.4	HAMILTON TN	239	-70	0	66	91
				1*	3.4	HARDEMAN TN					97
1	1.4					KNOX TN					
1	1.2	3*	3.0			MADISON TN	157				
		1	2.0			MAURY TN					
				1	1.6	MONTGOMERY TN					95
6	.6	15*	1.3	8	.5	SHELBY TN	130	-58	-4	64	92
		1*	7.1			SULLIVAN TN					
1*	8.0					WEAKLEY TN					
40	.8	42	.7	35	.4	TEXAS TX	-12	-44	-51		
				1*	7.6	AUSTIN TX					99
				1*	3.4	BASTROP TX					98
				1	.7	BELL TX					92
6*	3.2			1	.3	BEXAR TX			-92	02	90
		1	2.1			BRAZOS TX					
2*	8.6					BURLESON TX					
		1	2.4	1*	3.8	CASS TX		58			98
				1*	2.5	CHEROKEE TX					97
		2*	9.0			COLLIN TX					
3	.7	8	.9	4	.4	DALLAS TX	36	-61	-47	34	91
		1	1.6			EL PASO TX					
1*	6.9					FANNIN TX					
		1*	5.3			FAYETTE TX					
1*	85.3					FORD TX					
		1	2.6	1	1.9	FORT BEND TX		-28			96
		1*	3.2			FREESTONE TX					
2	1.1	1	.5	3*	1.6	GALVESTON TX	-56	224	42	80	93
		1*	3.6			GONZALES TX					
		1	2.1			GRAYSON TX					
		4*	4.7	1	1.0	GREGG TX		-79			94
10	1.2	8	.6	10	.5	HARRIS TX	-51	-16	-59	17	91
1	.8	1	1.0	3*	2.4	HARRISON TX	19	143	190	96	97
		1*	7.5			HOWARD TX					
		1*	3.9			HUNT TX					
4	1.9	1	.5			JEFFERSON TX	-74				
		2*	5.4			KAUFMAN TX					
		1*	490.8			KENT TX					
		1*	36.4			KNOX TX					
				1*	14.0	LEE TX					99
		1*	4.0			LEON TX					
1	.9					MC LENNAN TX					
				1*	2.1	MATAGORDA TX					96
				1*	3.6	MONTGOMERY TX					98
				1*	1.7	NACOGDOCHES TX					96
				1*	5.1	PANOLA TX					98
		1	1.0			SMITH TX					
1	.4			1	.2	TARRANT TX			-45	36	90
1*	6.5					TITUS TX					
5*	3.7			1	.6	TRAVIS TX			-63	06	92
1*	4.1					WALLER TX					
1	2.6					WHARTON TX					
		1*	8.9			WILBARGER TX					
2*	2.9	2*	3.1	1	.6	UTAH UT	9	-81	-79		
		1*	18.6			DAVIS UT					
1*	3.7	1*	4.8			SALT LAKE UT	29				
1*	5.7			1*	3.4	WEBER UT			-40	43	98
23	.7	32	.8	23	.5	VIRGINIA VA	18	-42	-32		
1*	8.2					ALLEGHANY#VA					
				1*	5.8	AMELIA VA					98
		2*	3.3			ARLINGTON#VA					
1*	4.1					AUGUSTA#VA					
1	1.1			1	.9	BEDFORD#VA			-20	55	93
1*	13.6					BOTETOURT VA					
1	3.2					BRUNSWICK VA					
5	1.1	4	.7	3	.5	CHESTERFIELD#VA	-34	-32	-55	26	91
		2	1.1	2	1.0	DINWIDDIE#VA		-8			93
1	1.4			1	.6	FAIRFAX#VA			-55	23	92
		1*	4.6			FAUQUIER VA					
				1*	6.6	FREDERICK#VA					98
		1*	9.3			GLOUCESTER VA					
1	1.7	1	1.6			HALIFAX#VA	-4				
		2*	6.7			HANOVER VA					
1	1.4	1	2.9	1	1.2	HENRY#VA	104	-58	-14	58	94
		1	1.3			JAMES CITY#VA					
		1*	9.3			KING AND QUEEN VA					
1*	6.5					KING WILLIAM VA					
		1*	5.3			LOUDOUN VA					
				1*	3.2	LOUISA VA					97
1*	3.4					LUNENBURG VA					
		2*	3.2			MECKLENBURG VA					
		1	2.4			NORTHAMPTON VA					
1*	2.6					NOTTOWAY VA					
2	1.5	3*	2.3			PITTSYLVANIA#VA	61				
		1*	8.6	1*	1.5	PRINCE WILLIAM#VA		-82			95
1	.9			2	1.6	ROANOKE#VA			73	86	95
		1*	4.6			WESTMORELAND VA					
1*	16.7					WISE#VA					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE — HODGKIN'S DISEASE — ICD 201

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
3	.5	6	.9	5	.5	CHESAPEAKE CITY#VA	102	-41	20	76	92
		1	.5	1	.5	NEWPOPT NEWS CITY VA		-5			91
				3*	2.6	SUFFOLK CITY VA					97
4	1.5	2	.6	2	.4	WASHINGTON WA	-58	-45	-77		
4*	3.0	1	.7			KING WA	-77				
		1	2.2	2	3.1	PIERCE WA		44			97
5	1.0	1	.2	2	.4	WEST VIRGINIA WV	-80	86	-63		
1*	36.8					BARBOUR WV					
1*	6.1					CABELL WV					
1	1.2					KANAWHA WV					
		1	1.4			MC DOWELL WV					
				1*	4.4	MARION WV					98
				1*	3.0	MERCER WV					97
2*	3.6					RALEIGH WV					
4	2.0	4	.9	8*	.9	WISCONSIN WI	-54	-2	-53		
2*	22.1					MENOMINEE#WI					
1	1.2	3	.7	7*	1.1	MILWAUKEE WI	-39	53	-7	61	94
1*	4.2			1	1.5	RACINE WI			-65	16	95
		1*	9.9			ROCK WI					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
10178	1.5	16102	2.1	23611	2.7	UNITED STATES	42	31	85		
122	1.4	182	1.8	342	2.8	ALABAMA AL	33	52	103		
2	4.7			1	1.0	AUTAUGA AL			-78	00	20
3	1.9	3	1.8	6	2.1	BALDWIN AL	-6	22	15	28	41
1	1.9					BARBOUR AL					
		3*	6.2	2	2.9	BIBB AL		-53			61
		2	1.7	6	4.1	BLOUNT AL		144			80
1	1.4	1	1.3	4	4.7	BUTLER AL	-9	257	225	82	86
3	1.1	9	3.2	14	4.1	CALHOUN AL	183	29	265	86	81
4*	3.4	6*	4.9	6	4.2	CHAMBERS AL	45	-15	24	32	82
				5	6.2	CHEROKEE AL					94
4*	3.9	1	.9	2	1.5	CHILTON AL	-78	72	-61	02	27
1	2.9			1	1.8	CHOCTAW AL			-38	08	33
				1	1.4	CLARKE AL					25
				3	4.8	CLAY AL					88
				1	1.5	CLEBURNE AL					27
		1	.8	4	3.0	COFFEE AL		253			62
3	2.8	3	2.2	5	2.3	COLBERT AL	-21	3	-19	15	44
		1	1.7			CONECUH AL					
1	2.2			1	2.2	COOSA AL			-1	22	41
3	2.1	2	1.3	5	2.7	COVINGTON AL	-41	112	25	32	54
2	1.1	3	1.2	11	3.9	CULLMAN AL	15	213	259	86	77
				1	.8	DALE AL					18
1	.7			5	5.1	DALLAS AL			580	97	89
1	.6	3	1.5	12*	4.9	DE KALB AL	152	234	740	98	88
2	2.3	1	.9	1	.7	ELMORE AL	-62	-19	-69	01	18
1	1.0	1	2.0	2	1.5	ESCAMBIA AL	104	-22	59	46	27
5	1.6	12	3.6	12	2.7	ETOWAH AL	129	-24	75	52	56
1	1.6	2	2.5	2	2.2	FAYETTE AL	54	-9	40	38	43
3	3.2			3	2.2	FRANKLIN AL			-30	11	43
1	1.0	2	2.1	1	.8	GENEVA AL	120	-62	-15	17	18
1	3.4					HALE AL					
		2	4.3	4*	9.8	HENRY AL		127			98
2	1.6	5	3.7	2	.8	HOUSTON AL	137	-78	-47	06	18
		5	3.1	7	3.6	JACKSON AL		15			74
31	2.1	38	2.0	60	3.1	JEFFERSON AL	-4	53	47	41	65
		7	3.3	10	3.4	LAUDERDALE AL		2			71
		2	2.5	1	.9	LAWRENCE AL		-63			19
1	.7	2	2.2	4	3.1	LEE AL	222	43	360	92	64
		1	.7	1	.6	LIMESTONE AL		-10			17
		1	3.4			MACON AL					
3	1.4	3	1.0	18	3.9	MADISON AL	-32	299	170	76	78
				3	5.6	MARENGO AL					92
		3	3.0	5	3.2	MARION AL		8			67
3	1.7	4	1.9	8	2.9	MARSHALL AL	13	50	70	49	59
11	1.8	16	2.3	28	3.3	MOBILE AL	30	40	82	54	68
		1	1.7	3	5.2	MONROE AL		199			90
6	1.7	8	2.8	8	1.8	MONTGOMERY AL	62	-35	6	25	33
2	1.2	3	1.0	12	3.7	MORGAN AL	-15	262	208	81	76
		1	2.9			PERRY AL					
2	3.3			1	1.4	PICKENS AL			-58	03	25
		1	1.3	3	3.9	PIKE AL		198			78
				2	2.5	RANDOLPH AL					50
2	2.3			7*	5.9	RUSSELL AL			155	72	93
1	1.0			3	1.8	ST CLAIR AL			73	51	33
1	.9	6*	4.7	8	4.4	SHELBY AL	406	-6	374	92	85
1	3.2	1	3.9			SUMTER AL	22				
3	2.0	1	.5	5	2.2	TALLADEGA AL	-76	349	10	26	42
4*	3.6	3	2.3	3	2.0	TALLAPOOSA AL	-35	-13	-43	07	38
2	.6	4	1.1	10	2.4	TUSCALOOSA AL	72	121	281	87	47
3	1.2	6	2.3	6	1.9	WALKER AL	88	-17	56	44	36
		1	1.9	1	1.7	WASHINGTON AL		-10			32
		1	1.2	2	2.2	WINSTON AL		87			42
		1	.1	18	4.9	ALASKA AK		3699			
58	1.6	107	1.8	253	2.7	ARIZONA AZ	14	49	70		
		3	1.2	9	3.2	COCHISE AZ		162			67
		3	4.6	4	4.0	COCONINO AZ		-13			79
1	1.3	6*	5.2	5	3.0	GILA AZ	308	-43	133	69	61
				2	2.8	GRAHAM AZ					58
		1	4.0			GREENLEE AZ					
33	1.8	68	2.1	153	2.9	MARICOPA AZ	14	39	58	45	60
				6	1.7	MOHAVE AZ					31
1	1.6	1	1.6	1	.9	NAVAJO AZ	-3	-42	-44	07	19
12	1.6	17	1.3	46	2.4	PIMA AZ	-17	83	51	42	46
4	2.3	5	2.0	11	3.4	PINAL AZ	-14	71	48	42	71
				1	1.7	SANTA CRUZ AZ					30
4	2.5	1	.7	10	2.6	YAVAPAI AZ	-74	291	2	23	52
3	2.2	2	1.1	5	1.2	YUMA AZ	-51	14	-45	07	22
84	1.2	147	1.9	240	2.5	ARKANSAS AR	56	36	112		
2	2.8	1	1.4	2	1.8	ARKANSAS AR	-50	25	-38	08	32
1	1.6	5*	7.1	1	1.1	ASHLEY AR	344	-84	-30	11	21
3*	4.1	1	.5	10	5.6	BAXTER AR	-88	1032	36	37	92
1	.5			9	2.5	BENTON AR			448	95	50
1	1.0	3	2.4	11*	6.6	BOONE AR	146	172	568	97	95
1	2.0	1	2.0			BRADLEY AR	2				
4*	5.2	3	4.0	3	2.6	CARROLL AR	-23	-34	-49	05	52
				2	4.0	CHICOT AR					79
		5*	5.9	4	4.5	CLARK AR		-23			86
2	1.6	1	.9	6	4.6	CLAY AR	-44	407	184	78	86
1	1.9			3	2.5	CLEBURNE AR			30	33	48
1	2.7					CLEVELAND AR					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
										%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
		2	2.0	6	5.4	COLUMBIA AR		175			91
		4*	5.6	3	3.6	CONWAY AR		-36			74
1	.5	4	2.0	12*	4.8	CRAIGHEAD AR	321	139	906	99	88
2	1.6	5	3.7	4	3.1	CRAWFORD AR	129	-18	88	57	64
		4*	6.6			CRITTENDEN AR					
1	1.6	1	1.6	1	1.4	CROSS AR	6	-15	-9	19	25
		1	2.1	1	2.1	DALLAS AR		-3			39
				2	3.4	DESHA AR					71
1	1.7			2	3.1	DREW AR			82	54	65
1	1.0	1	.8	3	1.7	FAULKNER AR	-16	108	75	52	32
1	1.6			1	1.1	FRANKLIN AR			-32	10	20
		1	1.7	1	1.4	FULTON AR		-16			25
4	1.7	5	1.4	12	2.7	GARLAND AR	-20	99	59	46	55
2	3.7	1	2.2	1	1.9	GRANT AR	-41	-12	-48	06	35
3	2.4	2	1.6	2	1.2	GREENE AR	-32	-25	-49	05	22
3	3.5	2	2.4	1	1.4	HEMPSTEAD AR	-31	-42	-60	03	25
1	1.3	1	1.0	2	1.5	HOT SPRING AR	-28	62	16	29	28
		1	1.6	3	3.7	HOWARD AR		132			76
		1	.7	1	.6	INDEPENDENCE AR		-10			17
				2	2.3	IZARD AR					44
1	1.0	3	3.3	3	2.9	JACKSON AR	237	-13	193	79	59
		6	2.9	1	.4	JEFFERSON AR		-88			17
		3	2.9	2	1.9	JOHNSON AR		-33			36
				2	5.0	LAFAYETTE AR					89
1	1.1			3	2.9	LAWRENCE AR			163	74	59
		1	2.5	1	2.4	LEE AR		-2			47
				2	5.6	LINCOLN AR					92
		3*	7.7	1	2.2	LITTLE RIVER AR		-71			43
2	2.1	1	.7	2	1.6	LOGAN AR	-65	121	-24	14	29
2	2.2					LONOKE AR					
1	1.4			3	4.0	MADISON AR			194	79	80
				3	4.9	MARION AR					88
1	.7	2	1.6	4	2.6	MILLER AR	140	60	284	88	51
1	.6	5	2.7	4	2.2	MISSISSIPPI AR	357	-19	268	86	41
				3	5.6	MONROE AR					92
1	2.1			1	1.4	MONTGOMERY AR			-34	09	25
		1	1.7	3	4.4	NEVADA AR		162			84
				1	2.0	NEWTON AR					37
		1	1.0	6	5.4	OUACHITA AR		457			91
		3*	8.4	1	2.3	PERRY AR		-73			44
1	1.1	2	2.3			PHILLIPS AR	113				
		2	3.5	1	2.2	PIKE AR		-38			41
3	2.6	4	3.5	2	1.6	POINSETT AR	34	-53	-36	09	29
1	1.3	4	3.6	4	3.1	POLK AR	176	-15	135	69	64
2	2.1	3	2.5	6	3.7	POPE AR	21	46	77	52	76
1	1.8	2	3.6	1	1.8	PRAIRIE AR	102	-50	2	23	33
11	1.4	14	1.7	17	1.7	PULASKI AR	25	1	26	33	32
1	1.4	1	1.1	3	3.2	RANDOLPH AR	-25	202	126	67	67
		1	1.4	2	2.4	ST FRANCIS AR		68			46
1	.7	3	1.8	3	1.9	SALINE AR	151	1	155	73	34
		1	2.1	1	1.4	SCOTT AR		-32			26
				1	1.6	SEARCY AR					28
5	1.7	6	1.9	12	3.2	SEBASTIAN AR	11	67	84	55	66
1	1.6	2	3.3	5*	6.7	SEVIER AR	103	102	310	89	95
				2	2.9	SHARP AR					60
2	1.2	3	1.7	4	2.0	UNION AR	47	19	74	51	37
1	2.4	1	2.8	1	2.3	VAN BUREN AR	14	-17	-3	21	45
5	2.1	7	2.4	11	3.0	WASHINGTON AR	17	24	45	41	62
1	.5	4	2.0	4	1.9	WHITE AR	302	-7	275	87	34
1	2.0	1	2.1			WOODRUFF AR	4				
		1	1.1	3	3.6	YELL AR		229			74
921*	1.7	1555*	2.3	2338*	2.9	CALIFORNIA CA	38	27	75		
76*	2.3	70	2.0	98	2.7	ALAMEDA CA	-15	39	19	30	56
		1	1.4	2	1.8	AMADOR CA		26			33
3	.7	16	3.0	16	2.2	BUTTE CA	325	-25	220	82	43
		2	2.2	1	1.1	CALAVERAS CA		-50			21
1	1.3					COLUSA CA					
21	1.9	34	2.2	67	3.3	CONTRA COSTA CA	18	49	76	52	70
		1	1.5	1	1.1	DEL NORTE CA		-30			21
		3	1.4	7	2.5	EL DORADO CA		85			50
25	1.9	33	2.2	58	3.4	FRESNO CA	20	52	82	55	71
		3	3.1	1	1.0	GLENN CA		-69			20
5	1.3	13	3.2	8	1.8	HUMBOLDT CA	148	-43	41	38	34
3	1.1	3	.9	9	3.0	IMPERIAL CA	-17	215	160	73	62
1	1.4	1	1.2	1	1.0	INYO CA	-16	-12	-27	13	20
15	1.6	25	2.2	39	2.8	KERN CA	35	28	73	51	57
		4	2.0	7	3.3	KINGS CA		63			69
		4	3.7	8	3.7	LAKE CA		1			76
1	1.8			5	5.6	LASSEN CA			204	80	92
349	1.6	536	2.2	720	2.9	LOS ANGELES CA	33	32	76	52	59
4	2.4	5	2.7	3	1.5	MADERA CA	10	-45	-39	08	26
8	1.7	11	1.8	22	2.9	MARIN CA	9	58	73	51	59
		2	5.3	2	3.1	MARIPOSA CA		-40			66
1	.4	2	.8	6	1.9	MENDOCINO CA	96	154	396	93	36
1	.3	5	1.5	16	3.8	MERCED CA	357	147	1029	99	77
1	2.0	1	2.1	1	2.0	MODOC CA	2	-3	-1	21	38
4	.7	17	2.6	19	2.2	MONTEREY CA	265	-15	211	81	42
3	.8	10	2.0	18	3.1	NAPA CA	160	53	298	89	65
3	2.5	4	2.0	7	2.9	NEVADA CA	-20	47	18	29	59
33	2.2	84	2.6	151	2.9	ORANGE CA	22	9	33	36	59
9*	3.2	7	2.2	10	2.1	PLACER CA	-30	-6	-34	09	40
2	4.0	1	1.3	2	2.6	PLUMAS CA	-67	100	-35	09	52
29*	2.6	37	1.8	86	2.8	RIVERSIDE CA	-31	58	9	26	58
23	1.5	46	2.6	69	3.0	SACRAMENTO CA	74	17	104	61	63
1	1.5	3	3.8	3	3.4	SAN BENITO CA	164	-12	132	69	70
22	1.3	53	2.2	92	3.0	SAN BERNARDINO CA	71	38	135	69	63
56	1.9	93	2.3	170	2.8	SAN DIEGO CA	19	20	43	39	57
66	1.7	109*	3.0	99	3.2	SAN FRANCISCO CA	78	9	95	59	68
16	1.6	31	2.6	46	3.4	SAN JOAQUIN CA	64	33	118	65	71

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1	1.7	2	1.8	6	3.1	CLAY	FL	4	73	80	54	65
		3	1.9	10	2.6	COLLIER	FL		43			53
2	3.5	1	1.6	1	1.1	COLUMBIA	FL	-54	-32	-68	01	21
43	1.3	124	2.2	191	2.4	DADE	FL	71	10	88	57	47
				4	3.6	DE SOTO	FL					75
1*	6.2					DIXIE	FL					
17	1.6	25	2.0	36	2.3	DUVAL	FL	23	16	43	39	44
4	1.1	5	.9	18	2.5	ESCAMBIA	FL	-19	172	122	66	50
		1	6.5			FLAGLER	FL					
				1	4.1	FRANKLIN	FL					80
1	1.1	1	.9	1	1.4	GADSDEN	FL	-15	54	31	35	25
		1	2.5	1	2.7	GULF	FL		6			53
		1	3.5			HAMILTON	FL					
		1	1.6	4	5.6	HARDEE	FL		245			92
				1	2.2	HENDRY	FL					41
1	2.4	3	2.4	5	2.2	HERNANDO	FL	0	-11	-11	19	42
1	1.3	4	3.2	7	1.5	HIGHLANDS	FL	154	-52	22	31	27
20	1.5	44	2.4	39	1.7	HILLSBOROUGH	FL	59	-28	14	28	31
		1	1.4			HOLMES	FL					
1	.6	5	2.5	13	3.9	INDIAN RIVER	FL	319	58	560	97	78
2	1.8	3	2.5	4	2.6	JACKSON	FL	41	6	49	42	53
		1	5.8			LAFAYETTE	FL					
2	.7	3	.6	16	2.1	LAKE	FL	-17	246	186	78	40
1	.5	10	2.0	34	2.9	LEE	FL	283	46	458	95	60
3	3.1	5	3.2	9	3.3	LEON	FL	5	4	9	26	69
		1	1.5	1	1.8	LEVY	FL		21			32
		1	2.5			MADISON	FL					
5	1.3	8	.8	37	3.3	MANATEE	FL	-40	318	149	72	69
1	.5	3	1.1	13	2.9	MARION	FL	115	169	479	95	59
		2	1.8	9	2.4	MARTIN	FL		36			48
2	1.8	4	1.9	9	2.9	MONROE	FL	10	53	68	49	61
		1	1.7	3	3.0	NASSAU	FL		77			62
1	1.3			8	2.4	OKALOOSA	FL			92	58	48
		3*	8.3	5*	6.7	OKEECHOBEE	FL		-19			95
16	2.0	31	2.8	55	3.5	ORANGE	FL	39	28	78	53	73
2	1.3	2	1.6	2	.9	OSCEOLA	FL	24	-46	-33	10	19
14	1.6	32	2.1	104	3.0	PALM BEACH	FL	37	41	93	59	62
		10	2.0	29	1.9	PASCO	FL		-7			35
30	1.4	84	2.0	161	2.6	PINELLAS	FL	43	31	86	56	53
10	1.6	28	2.8	27	2.1	POLK	FL	76	-25	33	36	40
1	1.2	2	2.1	4	1.8	PUTNAM	FL	78	-10	59	46	34
1	.9	2	1.5	3	1.7	ST JOHNS	FL	71	14	96	59	30
2	2.2	4	1.6	4	1.1	ST LUCIE	FL	-27	-28	-48	06	21
1	1.5			3	1.7	SANTA ROSA	FL			17	29	31
3	.6	15	1.9	37	2.1	SARASOTA	FL	246	11	285	88	41
		4	1.5	14	3.1	SEMINOLE	FL		113			65
				3	2.1	SUMTER	FL					41
1	1.9			1	1.6	SUWANNEE	FL			-16	17	29
				1	1.9	TAYLOR	FL					34
				1	3.3	UNION	FL					69
8	1.1	26	2.2	41	2.3	VOLUSIA	FL	96	4	105	62	44
				1	3.5	WAKULLA	FL					73
		5*	6.5	1	.8	WALTON	FL		-88			18
1	2.3			2	2.6	WASHINGTON	FL			15	28	52
135	1.4	208	1.8	337	2.4	GEORGIA	GA	35	29	74		
1	2.6			1	2.4	BACON	GA			-9	19	46
				2*	21.4	BAKER	GA					99
		1	1.0	3	3.0	BALDWIN	GA		190			61
				3	3.8	BARROW	GA					77
1	1.1			1	.9	BARTOW	GA			-16	17	19
		2	4.2	3	6.9	BEN HILL	GA		65			95
3*	7.3	1	2.1			BERRIEN	GA	-72				
3	.9	6	2.1	14	3.7	BIBB	GA	142	76	326	90	76
				2	5.1	BLECKLEY	GA					90
1	5.2					BRANTLEY	GA					
				2	1.8	BULLOCH	GA					32
		1	3.5			BUTTS	GA					
		1	5.9			CAMDEN	GA					
1	.9	1	.6	4	2.2	CARROLL	GA	-34	268	144	71	41
1	1.9	3	4.4	6	5.6	CATOOSA	GA	131	28	197	79	92
				1	4.3	CHARLTON	GA					83
4	1.0	9	2.0	8	1.4	CHATHAM	GA	107	-32	41	38	24
				3	3.3	CHATTOOGA	GA					69
				2	1.3	CHEROKEE	GA					23
4*	4.5	1	1.1	5	4.6	CLARKE	GA	-76	334	3	24	86
		1*	11.5			CLAY	GA					
1	.5	3	2.7	6	1.6	CLAYTON	GA	489	-39	259	86	29
6	1.9	8	2.2	14	2.6	COBB	GA	14	20	37	38	52
		2	2.5	4	4.5	COFFEE	GA		79			85
		1	.8	2	1.4	COLQUITT	GA		69			25
1	3.3	1	1.3	1	1.0	COLUMBIA	GA	-62	-25	-71	01	20
		1	2.3			COOK	GA					
1	1.6	1	1.1	3	3.6	COWETA	GA	-31	231	129	68	75
				3*	18.7	CRAWFORD	GA					99
				2	3.6	CRISP	GA					75
1	3.0	1	2.3	1	2.0	DADE	GA	-24	-11	-32	10	38
1*	6.7					DAWSON	GA					
1	1.9	1	1.7	1	1.3	DECATUR	GA	-8	-26	-31	11	24
18*	3.1	18	2.8	22	1.9	DE KALB	GA	-11	-30	-36	08	36
		1	3.4			DOOLY	GA					
		3	3.4	3	1.7	DOUGHERTY	GA		-52			30
				5	4.9	DOUGLAS	GA					88
				1	2.2	EARLY	GA					43
		2	5.3			EFFINGHAM	GA					
1	1.9			3	4.8	ELBERT	GA			154	72	88
		1	1.5	6*	7.1	FANNIN	GA		372			96
				1	1.7	FAYETTE	GA					31
1	.4	7	2.6	6	2.0	FLOYD	GA	599	-21	454	95	38
		1	1.7	5	6.1	FORSYTH	GA		263			93

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		2	3.5	2	2.8	FRANKLIN GA		-21			57
27	2.0	30	2.2	40	2.9	FULTON GA	11	30	45	40	58
				2	3.7	GILMER GA					76
1	1.0	2	1.4	2	1.1	GLYNN GA	52	-25	13	27	21
1	1.1	3	3.6	3	3.2	GORDON GA	220	-11	184	77	67
		2	3.0			GRADY GA					
		1	2.9	3*	9.3	GREENE GA		216			98
4	2.6			8	2.7	GWINNETT GA			2	23	55
		4*	5.7	4	3.8	HABERSHAM GA		-33			77
1	.8	7	4.1	6	2.6	HALL GA	442	-35	251	85	53
				1	7.0	HANCOCK GA					96
1	2.0	1	1.5	1	1.3	HARALSON GA	-26	-10	-33	10	24
		1	1.9	3	3.8	HART GA		104			77
1	2.5			6*	5.4	HENRY GA			113	64	91
1	1.7	1	1.5	2	1.2	HOUSTON GA	-8	-23	-30	11	22
4*	5.7	1	1.3	3	3.2	JACKSON GA	-78	153	-43	07	68
				2*	10.6	JASPER GA					98
1	2.5			1	1.9	JEFFERSON GA			-24	13	35
		1	4.0			JENKINS GA					
		1	3.2	1	2.7	JOHNSON GA		-16			55
		1	4.5			JONES GA					
		2	10.4			LAMAR GA					
				1	4.1	LANIER GA					82
		2	1.6	2	1.7	LAURENS GA		7			31
		2*	41.5	1	3.0	LEE GA		-93			63
1*	7.9			1	6.5	LINCOLN GA			-17	16	95
				1	8.3	LONG GA					97
				1	.6	LOWNDES GA					17
		2*	8.5			LUMPKIN GA					
				2	6.3	MC DUFFIE GA					94
				1	4.1	MC INTOSH GA					81
1	6.3			1	3.3	MACON GA			-48	06	68
		2	4.3	1	1.5	MADISON GA		-66			26
				1	7.7	MARION GA					96
1	2.1	1	1.9			MERIWETHER GA	-10				
		2*	8.8			MILLER GA					
		1	2.0	1	1.8	MITCHELL GA		-9			34
2*	7.5	1	3.5	1	3.0	MONROE GA	-53	-13	-59	03	63
3*	11.9	1	4.7	1	2.6	MORGAN GA	-61	-43	-78	00	53
		1	1.9	3	5.1	MURPHY GA		173			90
4	2.5	10	3.3	13	3.3	MUSCOGEE#GA	34	-1	34	37	69
		2	3.0	1	.9	NEWTON GA		-69			19
1	4.5	1	4.2			OGLETHORPE GA	-7				
		1	1.6	1	1.4	PAULDING GA		-12			25
1	3.6			2	3.9	PEACH GA			6	25	78
2*	9.1	1	3.6	1	3.6	PIKE GA	-60	0	-60	03	75
1	1.2	2	1.7	3	2.4	POLK GA	45	40	103	61	47
		1	4.0			PULASKI GA					
1*	6.5					PUTNAM GA					
				1*	11.1	QUITMAN GA					99
				2	3.6	RABUN GA					74
				1	3.0	RANDOLPH GA					62
2	.7	4	1.2	5	2.0	RICHMOND GA	69	60	170	76	37
1	3.1	1	3.1	2	1.6	ROCKDALE GA	1	-49	-48	06	29
1	3.7					SCREVEN GA					
1	1.0	4	3.1	2	1.4	SPALDING GA	218	-54	47	41	26
1	1.0	1	1.9	4	4.2	STEPHENS GA	83	120	303	89	82
1	2.2	2	3.5	1	1.6	SUMTER GA	56	-54	-29	12	29
				1	5.1	TALBOT GA					89
2	3.1	1	1.6	2	3.2	TATTNALL GA	-48	101	5	24	68
1	3.9					TAYLOR GA					
1	4.2					TERRELL GA					
1	1.0	2	1.6	3	2.5	THOMAS GA	64	55	155	73	50
2	2.6			1	1.0	TIFT GA			-63	02	20
1	1.8	2	3.5	1	1.8	TOOMBS GA	96	-49	0	22	33
		3*	12.3	1	3.3	TOWNS GA		-74			68
1	.6	2	1.4	4	2.4	TROUP GA	135	75	312	90	48
1*	6.5					TWIGGS GA					
		2	5.3	1	1.7	UNION GA		-68			31
		1	1.4	4	3.8	UPSON GA		176			77
1	.7	1	.6	2	.8	WALKER GA	-9	30	19	30	18
1	1.5	2	2.4	5	5.2	WALTON GA	55	116	234	83	90
1	1.2	2	1.7	5	4.1	WARE GA	50	137	256	85	81
		1	1.6	2	3.6	WAYNE GA		130			75
				1	4.1	WHEELER GA					81
		1	3.2	1	2.4	WHITE GA		-26			46
2	1.6	4	2.8	4	2.0	WHITFIELD GA	73	-27	26	33	38
2*	7.3					WILCOX GA					
				2	3.8	WORTH GA					77
		12	1.8	25	2.6	HAWAII HI		43			
				3	2.1	HAWAII HI					39
		11	2.2	20	2.6	HONOLULU HI		16			51
				1	3.7	KAUAI HI					76
		1	1.8	1	1.9	MAUI#HI		6			35
45	1.6	73	2.3	127*	3.5	IDAHO ID	46	50	119		
6	1.5	11	2.5	29*	5.5	ADA ID	66	121	266	86	91
2	1.1	2	1.1	7	3.3	BANNOCK ID	-2	199	192	78	70
2*	6.2	2	5.9			BEAR LAKE ID	-6				
1	2.5					BENEWAH ID					
1	.9	4	3.8	8*	7.0	BINGHAM ID	312	83	655	98	96
		1	4.1			BLAINE ID					
1	1.0	1	1.0	6	5.6	BONNER ID	-7	476	438	94	92
2	1.6	1	.8	3	1.8	BONNEVILLE ID	-52	135	13	27	32
		1*	18.9	1*	23.6	CAMAS ID		25			99
4	1.4	9	2.8	16	4.6	CANYON ID	96	63	219	82	86
				1	2.9	CARIBOU ID					59
		1	1.7	1	1.3	CASSIA ID		-25			23

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		2	3.7	1	1.7	CLEARWATER ID		-54			31
				2*	15.9	CUSTER ID					99
		1	3.5	1	1.7	ELMOPE ID		-50			32
2*	5.7	1	2.2	2	4.0	FRANKLIN ID	-61	83	-30	12	80
1	2.8	1	2.7	2	4.1	FREMONT ID	-5	52	44	40	81
1	3.0	1	2.1	1	1.4	GEM ID	-30	-35	-54	04	24
		4*	7.4			GOODING ID					
1	1.5	5*	8.2	1	1.4	IDAHO ID	431	-83	-11	19	25
		1	1.7	2	3.4	JEFFERSON ID		103			72
				1	1.5	JEROME ID					27
4	2.3	6	3.5	7	3.0	KOOTENAI ID	48	-14	27	33	61
3	3.1	3	3.1	4	4.0	LATAH ID	3	27	30	35	79
		1	2.9	3*	8.8	LEMHI ID		201			98
				2*	10.9	LINCOLN ID					99
2*	4.9	1	2.7	2	5.3	MADISON ID	-45	94	7	25	91
		1	2.0	1	1.2	MINIDOKA ID		-40			23
1	.9	4	2.8	1	.6	NEZ PERCE ID	224	-79	-31	11	17
1	7.5			2*	9.2	ONEIDA ID			23	32	98
1	3.1			3*	8.0	OWYHEE ID			158	73	97
2	2.6	2	2.5	3	3.1	PAYETTE ID	-4	25	20	30	65
		1	4.5	2*	10.4	POWER ID		131			98
2	2.1			4	5.5	SHOSHONE ID			165	75	92
3	1.5	5	2.5	7	2.9	TWIN FALLS ID	66	18	96	59	60
1*	5.1			1	4.0	VALLEY ID			-21	15	80
1	1.9					WASHINGTON ID					
587	1.4	862	2.0	1202	2.7	ILLINOIS IL	44	38	98		
4	.9	3	.8	13	3.1	ADAMS IL	-13	304	253	85	65
		3	4.8	3	7.1	ALEXANDER IL		47			96
2	2.7	5*	5.3	1	1.1	BOND IL	99	-80	-61	03	20
2	2.0	1	.9	4	3.5	BOONE IL	-55	283	72	50	72
1	1.7	1	1.9	1	2.8	BROWN IL	15	42	63	47	56
3	1.3	3	1.3	6	2.7	BUREAU IL	-5	111	101	60	54
				3	6.9	CALHOUN IL					95
		4	3.3	3	2.5	CARROLL IL		-25			49
		1	1.5	2	2.1	CASS IL		41			39
1	.3	7	1.9	9	2.3	CHAMPAIGN IL	583	21	726	98	44
5	2.2	5	2.4	10	5.1	CHRISTIAN IL	8	116	133	69	89
1	.7	2	2.0	4	3.4	CLARK IL	185	68	380	93	72
				5	5.4	CLAY IL					91
				6	4.5	CLINTON IL					85
4	1.9	4	1.9	10	4.3	COLES IL	3	127	133	69	83
307	1.5	358	1.8	504	2.6	COOK IL	21	47	78	53	53
1	.8	1	.8	1	.8	CRAWFORD IL	-4	1	-2	21	18
1	1.3	3	4.2	4	6.0	CUMBERLAND IL	222	44	365	92	93
2	1.0	9	3.9	6	2.5	DE KALB IL	299	-37	151	72	49
1	.9	6*	5.7	4	3.9	DE WITT IL	548	-30	352	91	79
1	.9	1	1.1			DOUGLAS IL	22				
11	1.2	17	1.4	43	2.5	DU PAGE IL	21	76	114	64	49
3	2.0	2	1.6	1	.8	EDGAR IL	-20	-52	-61	03	18
1	2.2	2	3.5	1	3.5	EDWARDS IL	60	2	63	47	73
2	1.9	5	3.9	3	2.2	EFFINGHAM IL	107	-44	16	29	42
		1	.7	2	1.6	FAYETTE IL		120			29
1	1.3	6*	6.7	1	1.0	FORD IL	434	-85	-19	15	20
5	1.6	6	2.2	6	2.3	FRANKLIN IL	41	2	45	40	44
3	1.1	6	2.5	5	2.2	FULTON IL	124	-14	93	59	42
				4*	7.8	GALLATIN IL					97
1	.7	6*	5.3	2	1.8	GREENE IL	633	-67	144	71	32
1	.9	1	.9	5	3.9	GRUNDY IL	-7	357	327	91	78
		3	4.0	3	4.0	HAMILTON IL		-1			79
1	.7	10*	7.1	2	1.4	HANCOCK IL	973	-81	105	62	24
				1	2.6	HARDIN IL					51
				2	4.6	HENDERSON IL					86
3	1.2	7	2.5	9	3.1	HENRY IL	110	24	160	73	64
1	.6	7	3.8	5	2.5	IROQUOIS IL	515	-33	309	89	50
1	.6	7	3.7	5	2.5	JACKSON IL	552	-33	335	91	48
				2	3.4	JASPER IL					70
2	1.1			5	2.5	JEFFERSON IL			134	69	49
1	1.0	4	4.3	2	2.1	JERSEY IL	330	-51	112	63	40
		2	1.5	7*	5.6	JO DAVIESS IL		277			92
		2	4.4			JOHNSON IL					
11	1.2	20	2.1	25	2.5	KANE IL	74	19	107	62	49
4	1.0	10	2.3	14	3.4	KANKAKEE IL	130	47	238	84	71
		5*	5.7	4	4.2	KENDALL IL		-26			83
3	1.0	7	2.1	7	2.2	KNOX IL	115	4	124	67	43
7	.7	21	2.0	38	2.8	LAKE IL	167	44	283	88	58
5	.9	10	1.7	17	2.9	LA SALLE IL	95	69	230	83	59
1	.9	1	1.0	2	2.2	LAWRENCE IL	4	121	129	68	41
2	1.0	4	2.1	7	3.9	LEE IL	105	83	275	87	78
6	2.8	3	1.5	5	2.4	LIVINGSTON IL	-47	61	-14	17	47
1	.6	4	2.5	4	2.4	LOGAN IL	322	-4	306	89	45
4	2.5	3	1.7	1	.7	MC DONOUGH IL	-32	-61	-74	00	17
4	1.2	4	.9	13	2.4	MC HENRY IL	-27	173	99	60	47
8	2.0	8	1.9	13	3.1	MC LEAN IL	-3	59	53	43	64
12	2.5	11	2.1	16	2.9	MACON IL	-17	37	13	27	59
6	2.2	2	.6	7	2.4	MACOUPIN IL	-73	293	8	25	46
10	1.1	28	2.9	31	2.9	MADISON IL	156	3	164	74	61
2	.9	2	.9	8	3.6	MARION IL	3	299	312	90	74
1	1.1	2	2.5	4	4.6	MARSHALL IL	121	85	310	90	86
1	1.0	1	1.0	1	.8	MASON IL	1	-16	-16	17	18
		1	1.3	5	6.5	MASSAC IL		394			94
2	3.2	3	4.8	1	1.0	MENARD IL	49	-80	-70	01	20
3	2.9					MERCER IL					
		2	2.2	3	3.1	MONROE IL		38			64
4	1.9	4	2.0	5	2.3	MONTGOMERY IL	5	16	22	31	45
2	.9	3	1.5	3	1.5	MORGAN IL	60	-1	58	45	26
1	1.3	1	1.6	3	4.4	MOULTRIE IL	22	179	240	84	84
3	1.7	5	2.6	5	2.4	OGLE IL	51	-8	38	38	46
17	2.1	25	3.0	28	3.3	PEORIA IL	44	13	62	47	70
1	.9	4	3.4	1	.8	PERRY IL	293	-77	-10	19	18

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1	1.2	1	1.5	2	2.4	PIATT	IL	20	64	97	59	48
2	1.4	3	2.0	10*	7.3	PIKE	IL	41	271	422	94	96
1	3.7			1	3.0	POPE	IL			-19	15	62
				1	2.6	PULASKI	IL					51
3	1.7			1	.6	RANDOLPH	IL			-66	01	17
1	1.2	2	2.3	4	4.1	RICHLAND	IL	84	77	227	82	81
9	1.2	15	2.1	21	2.8	ROCK ISLAND	IL	69	37	132	68	58
12	1.3	18	1.8	26	2.9	ST CLAIR	IL	35	61	117	65	58
2	1.2	4	2.9	8	4.5	SALINE	IL	138	56	272	86	85
11	1.6	13	1.8	18	2.4	SANGAMON	IL	14	32	50	42	46
1	1.5	3	5.5	3	4.9	SCHUYLER	IL	261	-10	224	82	89
		1	2.2	2	4.5	SCOTT	IL		103			85
3	2.2	1	.8	5	3.4	SHELBY	IL	-63	318	56	44	71
1	1.9			1	2.2	STARK	IL			18	30	43
2	.8	7	3.2	9	3.8	STEPHENSON	IL	275	19	346	91	77
3	.8	16*	4.2	16	3.3	TAZEWELL	IL	441	-21	329	91	69
1	.8	1	.7	2	1.6	UNION	IL	-17	128	90	57	28
7	1.5	10	2.1	11	2.3	VERMILION	IL	43	11	60	46	44
1	1.2			1	1.2	WABASH	IL			-6	20	22
2	1.8			1	.8	WARREN	IL			-55	04	18
1	1.2	1	1.4	3	3.1	WASHINGTON	IL	15	118	151	72	65
2	1.7	2	1.5	2	1.7	WAYNE	IL	-12	13	-1	21	31
				3	2.4	WHITE	IL					48
2	.8	10	3.6	14*	4.7	WHITESIDE	IL	355	30	493	96	87
3	.4	15	2.1	14	1.5	WILL	IL	384	-29	242	84	26
4	1.4	6	2.4	8	2.7	WILLIAMSON	IL	70	16	97	59	56
15	1.8	24	2.6	26	2.7	WINNEBAGO	IL	40	3	45	40	54
3	2.7	4	3.1	3	2.1	WOODFORD	IL	16	-34	-24	14	39
233	1.2	410	2.0	638*	3.0	INDIANA	IN	68	46	145		
4*	4.1	2	1.7	1	.7	ADAMS	IN	-57	-61	-84	00	17
11	1.2	13	1.3	40	3.9	ALLEN	IN	2	211	218	82	79
1	.6	6	3.3	5	2.2	BARTHOLOMEW	IN	462	-35	265	66	41
2	3.5	3	5.7			BENTON	IN	62				
3*	4.2			2	2.9	BLACKFORD	IN			-29	12	61
1	.8	2	1.4	4	2.5	BOONE	IN	81	80	227	83	50
1	3.0			1	1.6	BROWN	IN			-46	06	29
1	1.0	2	2.1			CARROLL	IN	114				
		5	2.3	6	3.1	CASS	IN		34			64
3	1.5	5	2.0	9	3.3	CLARK	IN	28	66	112	63	68
1	.7	2	1.2	4	2.7	CLAY	IN	66	125	273	87	54
3	1.7	6	3.6	6	3.7	CLINTON	IN	110	3	118	65	76
		2	3.5			CRAWFORD	IN					
1	.9	3	2.1	5	3.4	DAVIESS	IN	132	63	279	87	70
1	.8	2	1.5	4	2.8	DEARBORN	IN	87	89	252	85	57
		1	.8	1	.8	DECATUR	IN		5			18
		2	1.4	3	2.1	DE KALB	IN		50			40
7	1.8	10	2.3	16	3.5	DELAWARE	IN	25	52	91	58	72
2	1.6	5	3.8	1	.7	DUBOIS	IN	142	-83	-59	03	17
8	2.0	14	3.2	17	3.4	ELKHART	IN	59	9	73	51	72
1	.9			3	2.2	FAYETTE	IN			144	71	43
4	1.9	1	.5	10	3.9	FLOYD	IN	-76	745	104	61	78
2	1.9	2	2.4	3	3.1	FOUNTAIN	IN	23	29	59	46	64
		3	3.6	3	3.5	FRANKLIN	IN		-3			73
2	2.1	5*	4.7			FULTON	IN	126				
4	2.3	4	2.5	2	1.2	GIBSON	IN	6	-50	-47	06	23
5	1.5	6	1.8	4	1.1	GRANT	IN	20	-36	-23	14	21
5	2.6	2	1.4	5	3.0	GREENE	IN	-46	109	13	27	61
2	1.3	7	3.7	8	3.3	HAMILTON	IN	188	-11	156	73	69
		7*	5.8	6	4.0	HANCOCK	IN		-31			80
1	1.0	1	.9	2	1.7	HARRISON	IN	-11	98	76	52	31
1	.8	4	2.6	6	2.6	HENDRICKS	IN	233	-1	230	83	51
1	.5	4	1.6	5	2.0	HENRY	IN	262	21	336	91	37
4	1.6	7	2.5	8	2.9	HOWARD	IN	57	16	81	54	58
2	1.2	3	1.8	1	.6	HUNTINGTON	IN	50	-67	-51	05	17
2	1.6	4	2.7	3	1.8	JACKSON	IN	71	-32	17	29	34
1	1.2	1	1.3	3	2.9	JASPER	IN	5	126	137	70	60
2	1.5	2	1.7	5	4.0	JAY	IN	12	134	163	74	80
		4	3.0	1	.8	JEFFERSON	IN		-73			18
		2	2.3	1	1.4	JENNINGS	IN		-39			25
2	1.4	6	3.7	8	3.2	JOHNSON	IN	170	-14	131	68	66
4	1.9	3	1.3	7	3.3	KNOX	IN	-31	153	73	51	68
1	.6	2	.9	9	3.7	KOSCIUSKO	IN	57	306	537	97	76
		2	2.5	3	3.0	LAGRANGE	IN		20			63
17	1.1	26	1.5	42	2.4	LAKE	IN	42	60	127	67	48
8	2.0	11	2.7	12	2.6	LA PORTE	IN	34	-3	31	35	52
1	.6	3	1.6	6	3.0	LAWRENCE	IN	191	81	427	94	62
9	1.8	8	1.7	18	3.2	MADISON	IN	-7	88	76	52	67
26	1.1	51	2.0	82	3.3	MARION	IN	79	62	190	75	69
2	1.2	1	.6	7	3.7	MARSHALL	IN	-49	488	202	80	76
3	1.9	5	3.0	3	2.0	MIAMI	IN	61	-35	5	24	37
1	.5	5	2.6	11	4.1	MONROE	IN	436	56	737	98	81
2	1.2	1	.6	6	3.6	MONTGOMERY	IN	-50	489	192	79	74
2	1.5	2	1.3	5	2.9	MORGAN	IN	-11	121	97	60	59
				3	4.3	NEWTON	IN					84
2	1.4	4	2.8	4	2.5	NOBLE	IN	105	-12	81	54	48
				3*	12.6	OHIO	IN					99
		6*	6.2	4	3.9	ORANGE	IN		-37			78
3	4.0	1	1.1	4	5.0	OWEN	IN	-72	349	25	32	89
1	.9			3	3.1	PARKE	IN			244	84	64
1	1.3			2	2.1	PERRY	IN			64	48	39
		2	2.1	2	2.9	PIKE	IN		35			59
1	.6	5	2.0	10	3.3	PORTER	IN	248	66	478	95	68
1	1.1	1	1.0	3	2.7	POSEY	IN	-12	188	153	72	56
		3	4.8	2	3.2	PULASKI	IN		-33			67
1	.8	2	1.6	2	1.5	PUTNAM	IN	99	-6	87	56	27
1	.7	5	3.3	2	1.3	RANDOLPH	IN	354	-59	66	55	24
1	.9	1	.9	3	2.4	RIPLEY	IN	2	172	178	77	46
1	.8	2	1.6	4	4.1	RUSH	IN	105	150	413	94	81
11	1.1	28	2.8	32	3.1	ST JOSEPH	IN	153	10	177	77	64

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

WHITE MALE 1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
				4	5.2	SCOTT IN					90
1	.6	5	3.1	8	5.0	SHELBY IN	432	61	758	98	89
1	.9	3	2.9	2	1.9	SPENCER IN	216	-36	102	61	34
4*	4.4	1	1.2	4	3.7	STARKE IN	-73	212	-16	17	76
		2	1.9	3	2.8	STEUBEN IN		43			57
2	1.9	1	.6	6	4.8	SULLIVAN IN	-66	652	155	72	87
1	2.7	2	3.9	2	5.0	SWITZERLAND IN	44	26	82	55	89
5	1.7	6	1.8	11	2.7	TIPPECANOE IN	3	53	58	45	56
1	1.1	1	1.3	3	3.6	TIPTON IN	18	176	225	82	74
				1	3.0	UNION IN					62
10	1.4	16	2.2	21	2.7	VANDERBURGH IN	52	23	87	56	55
1	.8	1	1.0	3	2.5	VERMILLION IN	25	153	217	82	50
3	.5	8	1.5	8	1.6	VIGO IN	192	2	198	79	28
4	2.5	3	2.1	8	4.8	WABASH IN	-18	132	89	57	87
1	1.8	3*	6.1	2	4.0	WARREN IN	233	-34	118	65	80
2	1.8	2	1.7	7	5.2	WARRICK IN	0	196	195	79	90
				4	3.7	WASHINGTON IN					75
5	1.4	9	2.6	20*	5.8	WAYNE IN	83	122	307	89	93
		2	1.8	3	2.7	WELLS IN		49			55
		2	1.8	7*	5.7	WHITE IN		223			92
1	1.0	3	2.9	5	4.3	WHITLEY IN	191	47	329	91	83
231	1.6	352*	2.4	413	2.8	IOWA IA	48	14	69		
1	1.5	2	3.0	2	2.6	ADAIR IA	100	-11	77	53	53
3*	5.8	1	1.9	1	2.0	ADAMS IA	-67	2	-66	01	37
3	3.0	1	1.2			ALLAMAKEE IA	-59				
		1	.8	3	2.5	APPANOOSE IA		206			50
2	2.9	2	3.6	1	2.0	AUDUBON IA	23	-46	-33	10	36
3	2.3	3	2.5	6	4.4	BENTON IA	9	74	91	58	84
12*	2.4	8	1.6	14	2.7	BLACK HAWK IA	-33	68	12	27	55
5	3.2	5	3.1	6	3.5	BOONE IA	-2	13	10	26	73
		2	1.8	4	3.0	BREMER IA		69			63
1	.9			2	1.8	BUCHANAN IA			99	60	33
1	.8	6*	5.0	5	4.0	BUENA VISTA IA	547	-20	416	94	79
1	1.0	3	2.9	3	2.5	BUTLER IA	180	-13	142	70	49
1	1.2	4	4.2	4	3.4	CALHOUN IA	252	-19	187	78	71
1	.8	1	.9	5	4.0	CARROLL IA	7	361	392	93	79
1	.8	2	1.5	5	3.8	CASS IA	91	152	380	93	77
2	2.0	2	2.1	2	1.8	CEDAR IA	2	-11	-9	20	34
8*	3.3	7	2.7	6	2.3	CERRO GORDO IA	-16	-15	-29	12	45
2	1.9	2	1.9	5	4.8	CHEROKEE IA	4	148	157	73	88
3	3.3	2	2.3	3	3.2	CHICKASAW IA	-31	40	-3	21	68
		2	4.2	6*	11.1	CLARKE IA		165			99
2	2.0	3	3.2	3	3.1	CLAY IA	59	-3	55	44	65
1	.7	1	.7	4	2.7	CLAYTON IA	-1	271	268	86	54
4	1.5	5	1.7	3	1.0	CLINTON IA	15	-38	-29	12	20
3	2.7	1	.8	2	1.8	CRAWFORD IA	-70	119	-33	10	33
2	1.2	2	1.4	4	2.6	DALLAS IA	18	85	118	65	53
1	1.4	3	5.3	1	1.5	DAVIS IA	279	-72	4	24	26
1	1.2	3	4.3			DECATUR IA	245				
3	3.0	6*	6.0	2	2.1	DELAWARE IA	98	-66	-32	10	39
3	1.3	12*	5.1	12*	4.9	DES MOINES IA	287	-3	276	87	89
		1	1.1	3	3.0	DICKINSON IA		170			63
		9	2.5	13	3.7	DUBUQUE IA		50			76
1	1.3	2	2.5	1	1.2	EMMET IA	88	-50	-6	20	23
3	2.0	2	1.4	4	2.4	FAYETTE IA	-31	71	19	30	46
1	1.0	6*	5.1	2	1.7	FLOYD IA	434	-66	82	55	32
1	1.1	3	3.7	4	4.3	FRANKLIN IA	231	17	286	88	83
		3	4.6	2	2.8	FREMONT IA		-38			57
3	4.8	2	1.9	4	5.2	GREENE IA	-59	165	8	26	90
2	2.5	6*	7.8	5	6.0	GRUNDY IA	214	-24	139	70	93
2	2.4	1	1.0	2	2.9	GUTHRIE IA	-57	180	20	30	60
3	2.7	2	2.0	5	4.5	HAMILTON IA	-26	125	67	49	85
3	4.0	3	3.8	3	3.8	HANCOCK IA	-6	2	-4	21	77
5*	3.3	4	3.0	4	2.9	HARDIN IA	-11	-3	-13	18	60
		1	1.2	2	2.0	HARRISON IA		65			38
		1	.9	2	1.8	HENRY IA		114			34
3	4.1	2	2.8	2	2.3	HOWARD IA	-33	-18	-45	07	43
4*	5.4	3	3.9	1	1.3	HUMBOLDT IA	-29	-67	-77	00	23
1	1.3	2	3.3	1	1.8	IDA IA	160	-45	43	39	33
1	1.0	3	3.4	2	2.3	IOWA IA	240	-33	128	68	43
1	.8	2	1.9	2	1.7	JACKSON IA	125	-8	107	62	32
1	.6	6	3.3	5	2.6	JASPER IA	456	-23	327	91	51
2	2.5	3	3.3	5	4.8	JEFFERSON IA	35	43	93	58	87
4	2.4	3	1.5	4	1.9	JOHNSON IA	-39	25	-24	14	34
2	2.0	5	4.9	4	3.6	JONES IA	142	-27	77	53	74
1	.8	3	3.1	1	1.0	KEOKUK IA	301	-69	24	32	20
		9*	7.1	8*	6.2	KOSSUTH IA		-13			94
5	2.2	2	.9	6	2.7	LEE IA	-60	211	25	33	55
7	1.2	18	3.1	20	3.2	LINN IA	152	4	161	74	66
1	1.6	1	1.4	1	1.3	LOUISA IA	-10	-6	-16	17	24
1	1.2	2	2.7	2	2.6	LUCAS IA	129	-3	122	66	52
		2	2.5	2	2.5	LYON IA		1			50
		2	2.4			MADISON IA					
		5	3.3	1	.7	MAHASKA IA		-78			18
2	1.6	2	1.0	3	2.0	MARION IA	-36	93	24	32	37
3	1.5	5	2.4	8	3.5	MARSHALL IA	60	48	138	70	73
3*	4.3	3	4.2	4	6.2	MILLS IA	-1	46	45	41	94
		3	4.2	2	2.2	MITCHELL IA		-49			41
1	1.1	6*	7.0			MONONA IA	547				
		2	2.8			MONROE IA					
3	3.1			4	3.5	MONTGOMERY IA			12	27	73
3	1.6	2	1.1	3	1.6	MUSCATINE IA	-29	45	2	23	29
1	1.1	3	2.4	4	4.1	O'BRIEN IA	111	71	261	86	81
				3	5.5	OSCEOLA IA					91
3	2.1	1	.6	6	4.0	PAGE IA	-72	568	90	57	80
6*	7.7			2	2.8	PALO ALTO IA			-64	02	57
3	2.3	2	1.4	5	3.6	PLYMOUTH IA	-37	145	54	44	74
2	2.7	1	1.1	2	2.4	POCAHONTAS IA	-60	117	-13	18	46
22	2.0	27	2.4	22	2.1	POLK IA	21	-16	2	23	38

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
5	1.3	8	2.2	17	4.4	POTTAWATTAMIE IA	70	102	243	84	84
		2	2.0	4	4.0	POWESHIEK IA		97			80
1	1.8	1	2.0	3	6.5	RINGGOLD IA	12	217	256	85	95
1	.9	3	2.9	3	2.4	SAC IA	207	-16	157	73	47
4	.8	6	1.0	7	1.1	SCOTT IA	35	10	48	42	21
2	2.5	3	2.9	2	1.7	SHELBY IA	15	-41	-32	10	31
		1	.8	3	2.0	SIOUX IA		142			56
		8	3.9	9	4.1	STORY IA		5			81
2	1.5	3	2.4	3	2.1	TAMA IA	58	-15	34	37	39
3	3.8	1	1.3	2	2.9	TAYLOR IA	-65	119	-23	14	59
1	1.3	3	3.4	2	2.2	UNION IA	173	-36	74	51	42
		3	4.4	1	1.4	VAN BUREN IA		-69			24
5	2.1	6	2.4	8	3.2	WAPELLO IA	15	34	54	44	68
7*	7.1	3	2.9	3	2.6	WARREN IA	-59	-11	-64	02	52
		3	2.3	2	2.0	WASHINGTON IA		-12			37
		2	2.6	1	1.3	WAYNE IA		-50			24
4	1.7	8	3.5	7	3.0	WEBSTER IA	111	-14	82	54	63
3*	4.2	2	2.6	3	3.1	WINNEBAGO IA	-39	22	-26	13	65
2	1.7	3	2.5	6	4.5	WINNESHIEK IA	53	79	173	76	66
9	1.7	12	2.2	13	2.5	WOODBURY IA	31	10	43	40	48
		1	1.5	3	4.6	WORTH IA		208			86
2	2.1	2	1.7	6	5.3	WRIGHT IA	-18	207	152	72	91
140	1.4	241	2.3	322	2.9	KANSAS KS	63	27	107		
3	2.9	6*	5.0	3	2.4	ALLEN KS	69	-51	-17	16	48
1	1.4	3	4.6	1	1.1	ANDERSON KS	230	-77	-23	14	20
2	1.9	5*	5.0	2	1.9	ATCHISON KS	165	-62	1	23	36
				5*	11.1	BARBER KS					99
2	1.5	5	3.4	5	3.3	BARTON KS	129	-5	118	65	68
2	1.4	2	1.8	3	2.6	BOURBON KS	24	50	86	56	53
5*	6.2	1	1.1	3	3.0	BROWN KS	-83	179	-52	05	61
4	2.5	3	1.6	10	4.7	BUTLER KS	-36	195	88	57	87
				1	4.9	CHASE KS					88
1	2.5	4*	8.7			CHAUTAUQUA KS	245				
		2	1.5	4	2.8	CHEROKEE KS		92			57
1	4.2	1	3.9	1	3.4	CLARK KS	-7	-13	-19	15	70
1	1.8	3	3.8	2	2.3	CLAY KS	112	-40	27	34	44
2	2.1	2	2.1	6*	6.4	CLOUD KS	-1	204	201	80	94
		1	1.5			COFFEY KS					
1	.4	5	2.3	5	2.4	COWLEY KS	425	4	443	95	46
3	1.2	3	1.0	12*	4.7	CRAWFORD KS	-20	375	279	87	86
1	.7	1	.8	4	2.6	DICKINSON KS	9	228	258	85	51
1	1.4	5*	8.3	1	2.1	DONIPHAN KS	513	-75	53	43	39
1	.7	2	1.1	11*	6.3	DOUGLAS KS	58	459	785	99	94
		5*	5.3	3	3.2	ELLIS KS		-41			66
		1	1.5	1	3.4	ELLSWORTH KS		129			71
1	1.7	1	1.4			FINNEY KS	-17				
		4	4.0			FORD KS					
1	.7	5	4.1	5	3.7	FRANKLIN KS	497	-10	438	94	76
		1	1.4	1	1.6	GEARY KS		15			28
		1	4.4			GOVE KS					
				1	3.2	GRAHAM KS					66
		2*	13.6			GRANT KS					
		1	3.9	1	4.7	GRAY KS		21			87
1	1.0	1	1.3	2	2.2	GREENWOOD KS	36	63	121	66	42
		1	5.9			HAMILTON KS					
1	1.4					HARPER KS					
		6	4.6	2	1.2	HARVEY KS		-73			23
1*	5.8	1	6.6			HASKELL KS	14				
1*	4.9					HODGEMAN KS					
		2	3.0	3	4.6	JACKSON KS		51			86
4*	6.0	2	2.6	5	6.3	JEFFERSON KS	-57	146	5	24	94
		6*	10.4	1	2.6	JEWELL KS		-75			52
5	1.1	7	1.3	28	3.7	JOHNSON KS	15	189	233	83	76
1	1.7			1	1.7	KINGMAN KS			2	23	32
		1	3.7	1	2.8	KIOWA KS		-24			58
1	.6	4	2.7	4	2.4	LABETTE KS	315	-8	283	88	48
		1	.4	6	2.9	LEAVENWORTH KS		584			60
				1	4.2	LINCOLN KS					83
1	1.3	1	1.0	2	2.7	LINN KS	-26	180	108	62	56
4	2.5	5	3.2	4	2.8	LYON KS	27	-12	11	27	57
3	2.3	2	1.5	7	3.9	MC PHERSON KS	-34	159	70	49	78
		2	2.6	2	1.7	MARION KS		-35			31
3	2.6	4	3.3			MARSHALL KS	29				
2	1.6	2	1.5	3	2.3	MIAMI KS	-9	56	42	39	45
		1	1.5	6*	9.5	MITCHELL KS		519			98
4	1.7	4	1.6	6	2.2	MONTGOMERY KS	-4	34	29	34	41
		2	3.1			MORRIS KS					
		1	7.5			MORTON KS					
1	1.0	1	1.7	1	1.0	NEMAHA KS	60	-41	-5	21	20
1	.8	2	1.7	3	2.3	NEOSHO KS	117	37	198	79	44
1	2.9	2	5.4	1	2.7	NESS KS	87	-50	-6	20	55
				2	4.7	NORTON KS					86
2	2.5	2	2.9	5	4.8	OSAGE KS	14	67	90	58	88
		2	3.6			OSBORNE KS					
1	2.2					OTTAWA KS					
		3	5.1	2	4.3	PAWNEE KS		-15			83
1	2.1	2	3.6	2	4.0	PHILLIPS KS	74	12	95	59	80
3	4.3			2	2.4	POTTAWATOMIE KS			-44	07	47
		2	3.3	2	3.0	PRATT KS		-10			61
1	3.7			2	7.4	RAWLINS KS			99	60	96
1	.4	7	2.4	7	2.2	RENO KS	553	-6	512	96	43
1	1.2	1	1.8	2	3.0	REPUBLIC KS	59	66	163	74	63
2	2.6	4	4.5	7*	7.8	RICE KS	71	74	197	79	97
2	1.8	3	2.6	8*	6.3	RILEY KS	46	142	252	85	94
1	2.1			1	1.8	ROOKS KS			-14	18	33
1	2.6	1	2.3	2	4.4	RUSH KS	-13	90	67	48	84
		3	4.6	1	1.4	RUSSELL KS		-69			26
4	2.3	1	.5	9	4.4	SALINE KS	-78	767	90	57	84
19	2.0	25	2.2	33	2.4	SEDGWICK KS	13	9	22	31	47

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	1.8					SEWARD KS					
9	1.7	24*	4.2	13	2.1	SHAWNEE KS	150	-49	27	33	41
				1	3.1	SHERIDAN KS					65
				1	2.6	SHERMAN KS					51
2	3.6	2	3.2	2	2.7	SMITH KS	-11	-15	-25	13	56
		1	2.4	1	3.1	STAFFORD KS		30			65
		1*	13.4			STANTON KS					
1	.7	2	1.4	7	4.6	SUMNER KS	111	225	585	97	86
		1	3.0	1	2.4	THOMAS KS		-21			46
1	3.5					TREGO KS					
		2	4.4			WABAUNSEE KS					
2	2.7	2	2.9	2	2.5	WASHINGTON KS	5	-12	-8	20	49
				1	7.0	WICHITA KS					96
1	1.0	2	2.4	3	3.6	WILSON KS	134	51	253	85	74
		1	1.8	2	4.8	WOODSON KS		170			88
16*	2.6	11	1.7	21	3.6	WYANDOTTE KS	-36	115	38	38	74
125	1.0	236	1.8	351	2.4	KENTUCKY KY	74	35	135		
		1	1.4	1	1.3	ADAIR KY		-7			23
				2	2.3	ALLEN KY					45
		1	2.0	1	1.7	ANDERSON KY		-14			31
		2	3.6	3	5.0	BALLARD KY		40			89
2	1.5	3	2.1	3	1.9	BARREN KY	38	-9	26	33	36
		2	4.6	1	1.8	BATH KY		-61			33
3	2.0	1	.7	4	2.7	BELL KY	-66	293	32	36	54
		2	1.9	3	2.2	BOONE KY		18			43
		2	2.6	2	2.3	BOURBON KY		-11			44
3	1.4	5	2.2	5	1.9	BOYD KY	54	-15	30	35	35
1	1.1	2	2.1	2	1.8	BOYLE KY	96	-17	61	46	32
1	1.9	2	4.2	1	2.2	BRACKEN KY	118	-49	12	27	42
		1	1.3	1	1.3	BREATHITT KY		-3			24
1	1.0			5	5.8	BRECKINRIDGE KY			464	95	93
		2	4.0	1	1.5	BULLITT KY		-63			26
		1	1.7	1	2.1	BUTLER KY		26			39
2	2.8	1	1.4	2	2.6	CALDWELL KY	-51	93	-6	20	53
1	.9	1	1.0	4	2.7	CALLOWAY KY	6	178	195	79	56
3	.8	6	1.4	11	2.8	CAMPBELL KY	87	91	257	85	56
1	2.4	1	2.7	2	7.3	CARLISLE KY	13	174	210	81	96
				3	6.7	CARROLL KY					95
1	1.0			3	2.5	CARTER KY			135	69	48
1	1.5	1	1.3			CASEY KY	-17				
2	1.2	4	2.4	4	2.4	CHRISTIAN KY	95	1	97	59	47
1	1.2	3	3.3	3	3.0	CLARK KY	184	-7	163	74	63
		3	3.8	2	2.3	CLAY KY		-40			44
				1	1.6	CLINTON KY					30
2*	5.0	1	2.6	1	1.9	CUMBERLAND KY	-49	-24	-62	02	36
1	.4	3	1.1	8	2.4	DAVIESS KY	180	130	543	97	47
		1	2.5	1	1.9	EDMONSON KY		-23			36
		2	6.3			ELLIOTT KY					
1	1.5	1	1.7			ESTILL KY	10				
7	1.8	17*	3.9	11	1.8	FAYETTE KY	117	-54	0	22	32
				4	5.6	FLEMING KY					92
		3	1.9	2	1.1	FLOYD KY		-40			21
1	.9	4	3.1	1	.8	FRANKLIN KY	239	-76	-18	16	18
		2	4.0			FULTON KY					
		1	4.5			GALLATIN KY					
				3	5.8	GARRARD KY					93
		1	1.4			GRANT KY					
1	.5	2	1.0	6	3.3	GRAVES KY	92	218	512	96	69
		1	1.3	1	.9	GRAYSON KY		-29			19
1	1.8	1	1.6	2	3.4	GREEN KY	-8	111	93	58	71
1	.9			1	.7	GREENUP KY			-24	13	17
		2	6.6			HANCOCK KY					
2	1.7	3	2.1	5	2.6	HARDIN KY	26	24	57	45	52
4	1.9	4	2.4	6	3.5	HARLAN KY	27	49	89	57	73
		1	1.2	2	2.7	HARRISON KY		128			55
2	3.1	1	1.4	1	1.1	HART KY	-55	-20	-64	02	21
4	2.9	1	.7	1	.6	HENDERSON KY	-76	-15	-79	00	17
1	1.5	1	1.6	1	1.5	HENRY KY	3	-4	-1	22	27
		1	2.7	1	3.0	HICKMAN KY		14			63
1	.6	4	2.3	5	2.4	HOPKINS KY	283	4	300	89	45
		1	1.6			JACKSON KY					
20	1.0	42	1.9	49	2.1	JEFFERSON KY	80	13	103	61	40
				3	4.3	JESSAMINE KY					83
		3	2.9			JOHNSON KY					
3	.6	9	1.8	12	2.2	KENTON KY	221	18	279	87	42
		3	4.8	5*	7.4	KNOTT KY		55			96
		1	1.0	3	2.3	KNOX KY		139			44
				1	1.4	LARUE KY					25
2	1.6	2	1.5	6	4.1	LAUREL KY	-8	183	161	74	81
		1	1.8	2	2.6	LAWRENCE KY		44			53
		2	5.3	2	4.9	LEE KY		-7			88
		2	5.2			LESLIE KY					
		2	1.6	4	3.4	LETCHER KY		120			72
1	1.8			3	4.5	LEWIS KY			151	72	85
1	1.3	2	2.1	4	4.0	LINCOLN KY	59	91	203	80	79
		1	1.9	2	3.9	LIVINGSTON KY		104			78
1	1.0	6*	5.9	3	2.8	LOGAN KY	462	-52	168	75	57
		2	6.5	1	3.6	LYON KY		-44			75
4	1.7	6	2.3	5	1.8	MC CRACKEN KY	38	-23	7	25	33
2	3.5	1	1.7	3	6.1	MC LEAN KY	-50	251	75	52	94
1	.8	1	.7	6	3.8	MADISON KY	-11	438	378	92	77
				2	4.1	MAGOFFIN KY					81
				1	1.4	MARION KY					25
		2	1.9	4	2.6	MARSHALL KY		37			52
				1	1.7	MARTIN KY					30
		3	3.5	2	2.2	MASON KY		-38			42
2	5.9	1	2.3	1	1.5	MEADE KY	-61	-34	-74	00	27
				1	3.6	MENIFEE KY					75
		1	1.7	2	4.3	METCALFE KY		148			83

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
1	1.7			2	2.5	MONROE	KY			41	39	48
2	4.0	1	1.5	1	1.4	MORGAN	KY	-62	-9	-65	02	25
1	.7	2	1.3	11*	7.2	MUHLENBERG	KY	92	433	922	99	96
1	1.3			2	1.9	NELSON	KY			46	41	36
1	2.5	1	2.7			NICHOLAS	KY	11				
3	2.5	2	1.7	4	3.0	OHIO	KY	-33	82	22	31	63
1	1.9	1	2.1	5*	7.1	OLDHAM	KY	11	239	276	87	96
1	1.9			1	2.4	OWEN	KY			25	33	48
				1	2.8	OWSLEY	KY					57
		2	3.6	2	3.2	PENDLETON	KY		-11			68
2	1.6	2	1.5			PERRY	KY	-7				
3	1.1	2	.7	6	2.1	PIKE	KY	-30	177	95	59	39
		1	3.9			POWELL	KY					
2	1.0	2	1.0	7	3.3	PULASKI	KY	-5	246	230	83	70
				1	1.2	ROCKCASTLE	KY					23
		1	1.8	2	3.2	ROWAN	KY		79			66
		3	4.5	1	1.4	RUSSELL	KY		-70			24
1	1.3	4*	5.7	2	2.4	SCOTT	KY	336	-57	86	55	47
1	1.4	2	2.1	1	1.0	SHELBY	KY	56	-55	-30	12	20
				3	4.8	SIMPSON	KY					87
1	3.9			1	3.4	SPENCER	KY			-14	18	70
				3	3.4	TAYLOR	KY					71
1	1.7	1	2.2	3	4.6	TODD	KY	32	111	179	77	86
1	2.0	1	2.4	2	4.5	TRIGG	KY	18	88	122	66	85
		1	3.8	1	3.6	TRIMBLE	KY		-5			74
1	1.4			3	4.3	UNION	KY			208	81	84
5	2.7	4	1.9	11	4.8	WARREN	KY	-31	156	76	52	87
				2	3.6	WASHINGTON	KY					74
1	1.4	1	1.3	2	3.0	WAYNE	KY	-9	136	116	64	62
		1	1.3	5	6.7	WEBSTER	KY		423			95
2	1.6	1	.9	3	2.3	WHITLEY	KY	-47	167	42	39	44
1	2.7			1	2.4	WOLFE	KY			-14	18	45
3*	7.1	1	2.1			WOODFORD	KY	-70				
106	1.4	175	1.9	285	2.6	LOUISIANA	LA	40	35	89		
		5	2.7	5	2.3	ACADIA	LA		-16			44
3*	4.7			1	1.2	ALLEN	LA			-75	00	22
2	4.1	1	1.3	2	2.0	ASCENSION	LA	-69	59	-50	05	38
				1	1.7	ASSUMPTION	LA					30
2	1.5			4	2.4	AVOYELLES	LA			66	48	47
				3	2.9	BEAUREGARD	LA					59
1	1.5	3	5.9	5*	7.8	BIENVILLE	LA	286	32	409	93	97
1	1.8	4	4.2	4	2.3	BOSSIER	LA	130	-46	24	32	43
7	1.4	14	2.3	22	3.1	CADDO	LA	71	36	133	69	66
5	1.9	15*	4.3	15	3.4	CALCASIEU	LA	122	-20	77	53	72
		1	2.3	1	2.0	CALDWELL	LA		-15			37
		2*	9.5			CAMERON	LA					
		2	4.9	1	1.8	CATAHOULA	LA		-63			33
2	3.0	1	1.5			CLAIBORNE	LA	-51				
2*	5.9	1	3.0	1	1.8	CONCORDIA	LA	-49	-40	-69	01	33
		2	3.1	1	1.4	DE SOTO	LA		-56			24
7	2.1	13	2.5	17	2.7	EAST BATON ROUGE	LA	18	9	28	34	56
		1	3.7			EAST CARROLL	LA					
				2	3.5	EAST FELICIANA	LA					73
2	1.6	5	4.7	4	3.1	EVANGELINE	LA	189	-33	93	58	64
1	1.4	2	2.4	2	2.2	FRANKLIN	LA	72	-10	55	44	42
1	1.9	1	1.6			GRANT	LA	-16				
		1	.7	6	3.6	IBERIA	LA		399			74
		1	1.3	2	2.4	IBERVILLE	LA		79			47
1	2.1	2	3.3	2	3.0	JACKSON	LA	56	-8	43	40	63
5	1.4	11	2.3	20	1.9	JEFFERSON	LA	63	-16	37	37	35
1	1.4	2	2.1	5	5.4	JEFFERSON DAVIS	LA	54	159	300	89	91
2	1.4			9	3.1	LAFAYETTE	LA			124	67	64
2	1.6	4	3.7	3	1.1	LAFOURCHE	LA	130	-71	-33	10	21
		2	3.1	2	2.7	LA SALLE	LA		-15			54
1	1.7	1	1.2	2	2.3	LINCOLN	LA	-26	88	39	38	44
1	1.2	4	3.7	4	3.2	LIVINGSTON	LA	208	-13	169	75	67
1	1.5	1	1.1	1	1.0	MOREHOUSE	LA	-26	-16	-37	08	20
2	2.2	3	2.9	4	3.5	NATCHITOCHES	LA	31	18	54	44	72
26	1.6	31	1.8	37	2.4	ORLEANS	LA	12	32	48	42	46
7*	2.8	2	.6	13	3.6	OUACHITA	LA	-78	494	31	35	74
				4*	4.8	PLAQUEMINES	LA					88
1	1.9	1	1.9	5*	6.8	POINTE COUPEE	LA	-2	370	362	92	98
3	1.2	2	.8	11	2.9	RAPIDES	LA	-37	274	137	70	60
				1	2.4	RED RIVER	LA					45
				2	2.5	RICHLAND	LA					50
1	1.4	1	1.0	4	3.8	SABINE	LA	-30	282	166	75	77
		2	1.6	7	4.2	ST BERNARD	LA		164			82
1	1.8	2	3.2			ST CHARLES	LA	78				
				1	4.7	ST HELENA	LA					87
				1	2.3	ST JAMES	LA					44
		1	3.1	1	2.1	ST JOHN THE BAPT	LA		-32			40
1	.5	3	1.9	7	3.1	ST LANDRY	LA	247	65	472	95	65
				1	.9	ST MARTIN	LA					19
1	.8	2	1.8	2	1.6	ST MARY	LA	123	-8	106	62	30
		3	2.1	5	2.4	ST TAMMANY	LA		14			46
1	.6	2	1.1	2	1.0	TANGIPAHOA	LA	84	-5	74	51	20
1	5.1			2*	7.3	TENSAS	LA			44	40	96
		2	1.5	5	3.0	TERREBONNE	LA		95			62
1	1.3	2	2.9	3	3.4	UNION	LA	130	18	172	76	72
1	.6	4	2.3	6	3.4	VERMILION	LA	271	49	452	95	70
1	1.2	1	1.2	4	3.3	VERNON	LA	-3	174	166	75	69
1	.9	2	1.5	3	2.0	WASHINGTON	LA	62	38	123	66	38
1	1.1	1	.7	2	1.2	WEBSTER	LA	-36	66	7	25	22
				2	6.0	WEST BATON ROUGE	LA					93
3*	5.3	3	5.7	1	1.8	WEST CARROLL	LA	6	-67	-65	02	34
1*	4.3					WEST FELICIANA	LA					
2	3.1	3	4.4	2	3.3	WINN	LA	40	-24	7	25	69

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
72	1.5	101	2.1	125	2.4	MAINE ME	37	16	58		
6	1.4	10	2.3	9	2.1	ANDROSCOGGIN ME	63	-10	46	41	39
6	1.5	11	2.9	15	3.9	APOOSTOOK ME	93	36	161	74	78
18	2.2	17	1.9	25	2.7	CUMBERLAND ME	-11	37	21	31	53
		4	3.8			FRANKLIN ME					
2	1.1	4	1.9	7	3.3	HANCOCK ME	62	76	186	78	69
3	.7	11	2.4	14	2.8	KENNEBEC ME	255	17	316	90	58
2	1.0	3	1.8	5	2.6	KNOX ME	77	46	159	73	52
1	.9	1	1.0	5	3.4	LINCOLN ME	8	252	279	87	72
		1	.4	4	1.5	OXFORD ME		270			26
13	2.4	13	2.4	9	1.7	PENOBSCOT ME	1	-32	-32	11	30
1	.9	3	3.0	4	4.1	PISCATAQUIS ME	220	34	329	91	81
		2	1.6	2	1.6	SAGADAHOC ME		-1			29
2	.9	7	3.3	2	.9	SOMERSET ME	289	-73	3	24	19
2	1.6	2	1.9	3	2.7	WALDO ME	15	45	66	48	55
4	2.1	3	1.5	9	4.6	WASHINGTON ME	-30	218	121	66	86
12	2.5	9	1.7	12	2.0	YORK ME	-32	17	-21	15	36
158	1.8	265*	2.5	339	2.7	MARYLAND MD	39	8	49		
3	.7	3	.7	12	2.7	ALLEGANY MD	-10	297	258	86	54
6	1.1	16	2.8	22	3.0	ANNE ARUNDEL MD	150	7	167	75	61
22	2.1	38	2.0	59	2.2	BALTIMORE MD	-4	11	7	25	42
		1	1.8	2	1.9	CALVERT MD		4			34
3	3.4	1	1.0	1	1.0	CAROLINE MD	-72	5	-70	01	20
4	1.9	2	.7	9	2.6	CARROLL MD	-63	270	36	37	52
3	1.6	4	2.1	10	4.4	CECIL MD	26	115	170	76	85
1	1.7	2	2.5	4	3.4	CHARLES MD	45	39	101	60	71
		3	2.2	4	2.7	DORCHESTER MD		22			56
2	.7	6	2.0	12	3.5	FREDERICK MD	199	71	412	93	72
1	1.1	3	2.8	5	4.0	GARRETT MD	148	41	250	85	79
2	1.1	2	.8	12	3.5	HARFORD MD	-28	357	230	83	72
1	.7	3	2.2	4	1.6	HOWARD MD	205	-24	132	68	29
1	1.3	1	1.5	2	2.4	KENT MD	15	62	86	56	46
16	2.3	48*	4.3	65	3.8	MONTGOMERY MD	63	-11	63	47	77
14	2.1	19	1.9	33	2.8	PRINCE GEORGE'S MD	-8	46	34	37	57
		1	1.4	1	.8	QUEEN ANNE'S MD		-41			18
1	1.5	1	1.1	2	1.9	ST MARY'S MD	-22	65	30	35	35
		3	3.8	1	1.4	SOMERSET MD		-62			25
5*	5.9	4	4.1	2	1.7	TALBOT MD	-31	-58	-71	01	31
6	1.5	13	2.9	8	1.7	WASHINGTON MD	92	-40	14	28	31
5	2.7	7	3.6	3	1.3	WICOMICO MD	32	-64	-53	05	23
		3	3.0	3	3.0	WORCESTER MD		0			62
62	2.0	81*	2.8	63	2.6	BALTIMORE CITY MD	43	-9	30	35	51
365	1.6	473	1.9	644	2.5	MASSACHUSETTS MA	24	29	61		
1	.3	12	2.6	23	2.5	BARNSTABLE MA	802	-6	746	98	49
6	.9	15	2.2	16	2.1	BERKSHIRE MA	152	-4	143	71	40
26	1.4	30	1.5	64	2.9	BRISTOL MA	10	98	117	65	61
				1	2.3	DUKES MA					44
34	1.2	65	2.2	74	2.4	ESSEX MA	85	9	101	60	47
3	1.0	8	2.5	8	2.4	FRANKLIN MA	145	-6	132	68	46
26	1.4	33	1.6	42	2.0	HAMPDEN MA	16	22	41	39	37
7	1.5	7	1.6	18	3.5	HAMPSHIRE MA	3	124	130	68	73
71	1.4	97	1.8	143	2.5	MIDDLESEX MA	28	40	80	54	50
				1	3.3	NANTUCKET MA					68
44*	2.2	42	1.8	65	2.4	NORFOLK MA	-22	37	7	25	47
20	1.8	27	2.1	32	2.1	PLYMOUTH MA	20	1	21	31	41
80*	2.0	75	2.1	73	2.5	SUFFOLK MA	6	17	25	32	49
47	1.6	62	2.1	84	2.8	WORCESTER MA	26	32	67	49	56
437	1.5	689	2.2	1004*	3.0	MICHIGAN MI	50	36	104		
1	2.4			3	5.2	ALCONA MI			115	64	90
1	1.3	4*	7.4	1	2.1	ALGER MI	456	-72	56	44	39
3	1.2	6	2.0	9	2.9	ALLEGAN MI	66	45	139	70	61
1	.7	1	.8	5	3.5	ALPENA MI	5	352	373	92	72
		6*	7.6	3	3.0	ANTRIM MI		-60			63
		2	4.2	3	6.2	BARAGA MI		50			94
		4	2.3	9	4.7	BARRY MI		99			86
4	1.0	7	1.8	12	2.6	BAY MI	71	46	149	72	52
				2	4.0	BENZIE MI					80
10	1.7	17	2.9	17	2.5	BERRIEN MI	63	-11	45	41	50
5	3.1	5	2.8	5	2.8	BRANCH MI	-9	-2	-11	19	57
8	1.4	17	3.0	23	4.0	CALHOUN MI	107	34	178	77	79
5	3.2	3	1.7	10*	5.0	CASS MI	-46	189	56	44	89
2	2.5	2	2.2	5	5.9	CHARLEVOIX MI	-14	171	132	69	93
1	1.2	2	2.6	1	.8	CHEBOYGAN MI	125	-69	-30	11	18
		3	2.2	2	1.4	CHIPPEWA MI		-33			26
2	3.2	1	1.4	5	4.1	CLARE MI	-57	195	27	34	81
1	.7	4	2.7	7	4.3	CLINTON MI	282	60	512	96	83
		1	8.0			CRAWFORD MI					
2	1.2	2	1.2	2	1.0	DELTA MI	-3	-16	-19	15	20
		7*	4.2	6	3.2	DICKINSON MI		-23			67
3	1.4	1	.5	6	2.2	EATON MI	-66	369	59	45	43
		1	1.1	5	4.9	EMMET MI		362			88
12	1.1	30	2.4	48	3.5	GENESEE MI	110	47	208	81	73
		2	2.7	7*	6.5	GLADWIN MI		138			95
		2	1.5	10*	6.1	GOGEBIC MI		314			93
4	2.4	3	1.6	8	3.9	GRAND TRAVERSE MI	-34	146	61	46	78
4	2.2	6	3.6	4	2.3	GRATIOT MI	63	-37	2	23	43
2	1.2	5	2.6	3	1.5	HILLSDALE MI	115	-41	28	34	28
2	.9	1	.4	8	3.6	HOUGHTON MI	-51	755	318	90	74
3	1.6	4	2.3	8	3.6	HURON MI	40	59	121	66	75
11	1.4	19	2.5	22	2.9	INGHAM MI	71	19	104	61	61
2	1.0	4	1.9	4	2.0	IONIA MI	102	3	108	62	37
3	4.4	7*	6.6	2	1.7	IOSCO MI	48	-74	-61	03	31
		1	.8	5	4.4	IRON MI		486			84

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3	2.4	5	3.9	7	4.4	ISABELLA MI	60	14	82	55	84
5	.9	6	1.0	31*	5.6	JACKSON MI	17	446	537	96	92
12	2.0	21	3.3	21	3.0	KALAMAZOO MI	62	-7	51	42	63
		1	5.1	1	1.7	KALKASKA MI		-67			30
30	2.1	44	2.9	54	3.3	KENT MI	40	13	58	45	69
		1	3.2			LAKE MI					
3	1.7	5	2.5	3	1.3	LAPEER MI	52	-49	-22	14	24
3*	6.2	2	3.5	2	2.7	LEELANAU MI	-44	-21	-56	04	56
7	2.1	11	3.3	13	3.6	LENAWEE MI	56	10	71	50	75
4	2.8	5	2.4	5	1.9	LIVINGSTON MI	-14	-21	-32	11	35
				1	2.0	LUCE MI					38
		1	2.2	1	1.4	MACKINAC MI		-34			26
16	1.8	24	1.8	56	2.6	MACOMB MI	2	43	46	41	51
		4	3.3	3	2.6	MANISTEE MI		-22			52
3	1.1	5	1.9	6	2.3	MARQUETTE MI	69	22	106	62	45
2	1.5	4	3.4	1	.6	MASON MI	132	-83	-60	03	17
2	1.9	3	2.9	8*	6.2	MECOSTA MI	54	116	232	83	94
		4	2.9	2	1.6	MENOMINEE MI		-46			28
3	1.4	4	2.6	12*	6.1	MIDLAND MI	95	130	349	91	93
		1	2.9	2	5.3	MISSAUKEE MI		85			91
3	.9	9	2.1	7	1.7	MONROE MI	141	-22	88	56	30
5	2.9	3	1.5	10	4.2	MONTCALM MI	-49	180	44	40	82
2*	8.2	1	3.4			MONTMORENCY MI	-58				
7	1.3	6	1.1	25*	4.0	MUSKEGON MI	-15	251	197	79	79
3	2.5			4	2.5	NEWAYGO MI			0	22	49
32	1.8	44	1.8	120*	3.4	OAKLAND MI	-1	95	93	59	71
		4	4.3	3	3.0	OCEANA MI		-31			62
		2	3.3	1	1.0	OGEMAW MI		-71			20
1	1.7	3	5.1	2	3.7	ONTONAGON MI	194	-27	116	64	76
1	1.3			1	1.1	OSCEOLA MI			-18	16	21
1	2.5	4*	8.6	2	3.2	OTSEGO MI	238	-63	27	33	67
3	.8	5	1.2	14	2.7	OTTAWA MI	55	125	248	84	55
1	1.3	1	1.5	2	2.5	PRESQUE ISLE MI	16	64	90	57	49
		1	1.3	3	2.9	ROSCOMMON MI		129			59
6	.9	17	2.4	23	3.1	SAGINAW MI	170	29	249	85	63
3	.6	10	1.8	23	4.3	ST CLAIR MI	207	134	618	98	83
		6	2.9	7	2.8	ST JOSEPH MI		-2			58
5	2.9	6	3.0	2	.8	SANILAC MI	4	-72	-71	01	18
1	2.0	1	1.8	1	1.7	SCHOOLCRAFT MI	-8	-6	-14	17	32
4	1.7	7	3.1	8	3.5	SHIAWASSEE MI	81	12	103	61	73
2	.9	3	1.6	6	2.7	TUSCOLA MI	78	73	208	80	55
5	2.1	5	1.9	7	2.5	VAN BUREN MI	-8	33	22	31	50
13*	2.8	13	2.4	15	2.4	WASHTENAW MI	-12	-2	-14	17	46
151	1.5	206	2.1	217	2.6	WAYNE MI	40	22	70	50	51
3	3.0	1	.9	2	1.5	WEXFORD MI	-69	59	-51	05	26
326*	2.1	483*	2.8	612*	3.3	MINNESOTA MN	37	17	61		
5*	5.6	2	1.8	6	5.6	AITKIN MN	-67	204	-1	22	92
4	2.4	11*	4.3	7	1.7	ANOKA MN	84	-61	-28	13	31
2	1.3	7*	4.9	7	4.1	BECKER MN	286	-17	220	82	81
1	1.0	1	.9	3	2.4	BELTRAMI MN	-6	164	147	71	45
2	2.4	3	3.5	1	.6	BENTON MN	47	-82	-73	00	17
		2	3.5			BIG STONE MN					
4	1.9	8	3.7	5	2.2	BLUE EARTH MN	93	-40	17	29	42
2	1.4	1	.6	6	3.5	BROWN MN	-55	461	154	72	73
2	1.6	2	1.4	3	2.0	CARLTON MN	-11	41	26	33	36
4*	4.0	1	.7	7	5.2	CARVER MN	-82	619	33	36	90
3	2.7	3	2.4	7	4.9	CASS MN	-13	108	81	54	88
1	1.0	3	3.0	8*	7.3	CHIPPEWA MN	198	146	634	98	96
4*	4.0	3	3.2	6	5.1	CHISAGO MN	-21	61	28	34	90
8*	6.1	2	1.1	8	4.2	CLAY MN	-81	269	-31	11	82
1	1.7	3	4.5	1	1.3	CLEARWATER MN	162	-72	-26	13	23
2	2.4			3	2.8	COTTONWOOD MN			19	30	58
2	1.0	3	1.7	10	3.9	CROW WING MN	73	135	307	89	79
5	1.8	7	2.1	10	2.3	DAKOTA MN	18	9	29	34	45
		2	2.6			DODGE MN					
1	.7	4	2.6	8	4.5	DOUGLAS MN	267	74	539	97	85
2	1.7	2	1.4	5	3.4	FARIBAULT MN	-22	148	94	59	70
2	1.3	4	2.5	5	3.4	FILLMORE MN	93	32	155	73	70
5	2.7	6	3.1	10	4.9	FREEBORN MN	13	60	81	54	89
4	2.0	7	3.2	10	4.2	GOODHUE MN	56	32	106	62	82
		1	1.5	2	3.0	GRANT MN		98			63
77*	2.3	113*	3.2	115	3.1	HENNEPIN MN	39	-3	35	37	64
		1	1.0	5	4.7	HOUSTON MN		358			87
3*	4.9	3	3.9	2	1.8	HUBBARD MN	-19	-53	-62	02	34
3	3.4	3	3.4	2	1.9	ISANTI MN	-1	-46	-46	06	34
2	1.0	7	3.4	4	1.8	ITASCA MN	245	-48	78	53	32
1	1.2	4	4.6	2	1.9	JACKSON MN	287	-59	60	46	36
		1	1.5	2	3.3	KANABEC MN		126			69
2	1.1	5	2.6	7	3.3	KANDIYOHI MN	134	29	202	80	69
3	3.4	2	2.1	4	4.3	KOOCHICHING MN	-37	101	26	33	83
3	3.5	2	2.5	4	5.3	LAC QUI PARLE MN	-29	115	53	43	91
1	1.9	3	5.6	1	1.7	LAKE MN	193	-69	-11	19	31
2*	7.2	2*	6.4	1	3.7	LAKE OF THE WOODS MN	-11	-42	-48	06	76
2	2.0	4	3.1	5	3.9	LE SUEUR MN	59	25	99	60	78
1	2.2	5*	10.0			LINCOLN MN	344				
5*	4.2	7*	5.6	2	1.2	LYON MN	33	-78	-71	01	23
		2	1.4	8	4.6	MC LEOD MN		232			86
				3*	8.4	MAHNOMEN MN					97
7*	8.1	5*	5.1	3	3.2	MARSHALL MN	-37	-38	-61	03	66
3	2.3	2	1.4	3	1.8	MARTIN MN	-40	28	-24	14	33
1	1.0	1	.8	6	4.4	MEEKER MN	-20	455	342	91	84
4*	4.2	5*	4.8	6	5.2	MILLE LACS MN	15	8	24	32	90
		1	.8	12*	7.2	MORRISON MN		749			96
3	1.5	4	2.0	8	3.3	MOWER MN	32	69	123	66	69
1	1.1	1	1.2	5*	6.8	MURRAY MN	11	446	508	96	95
1	.8	1	.9	6	5.4	NICOLLET MN	5	520	551	97	91
1	.9	2	1.7	4	2.9	NOBLES MN	79	72	208	81	60
		2	2.5	5	5.4	NORMAN MN		114			91
8*	3.4	10	3.6	7	2.1	OLMSTED MN	7	-43	-39	08	39

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7	2.3	9	2.6	10	2.6	OTTER TAIL MN	13	-1	11	27	51
1	1.5	3	3.9	3	4.0	PENNINGTON MN	159	1	163	74	79
		2	1.6	4	3.1	PINE MN		96			65
2	3.2	3	4.0	3	3.2	PIPESTONE MN	25	-19	1	23	67
3	1.5	11*	5.0	7	3.1	POLK MN	222	-39	98	60	64
1	1.6	4	4.4	2	2.0	POPE MN	174	-54	26	33	38
38*	2.3	46	2.5	69*	3.7	RAMSEY MN	11	46	62	47	75
		1	3.0			RED LAKE MN					
2	1.9					REDWOOD MN					
5*	3.7	7*	4.8	7	5.4	RENVILLE MN	30	11	45	40	91
1	.5	6	3.2	13*	6.7	RICE MN	495	109	1141	99	95
3*	4.8			3	4.2	ROCK MN			-11	19	82
2	2.6	2	2.9	3	3.5	ROSEAU MN	9	22	32	36	72
20	1.6	46*	3.7	36	3.1	ST LOUIS MN	125	-17	86	56	64
1	1.1	2	1.8	1	.8	SCOTT MN	58	-53	-25	13	19
2	3.2	5*	7.3	6*	6.1	SHERBURNE MN	130	-17	91	58	94
				2	1.9	SIBLEY MN					34
4	1.1	10	2.7	14	3.1	STEARNS MN	142	18	186	78	65
2	1.8	3	2.4	2	1.3	STEELE MN	32	-47	-30	11	23
3*	5.6	2	3.8	8*	12.6	STEVENS MN	-33	236	125	67	99
2	2.4	1	1.3	2	2.4	SWIFT MN	-47	88	1	22	46
6*	4.5	4	2.6	2	1.1	TODD MN	-43	-58	-76	00	21
1	2.3			3	6.1	TRAVERSE MN			248	84	97
		2	2.0	2	1.7	WABASHA MN		-18			30
1	1.5	2	2.8			WADENA MN	81				
3	3.5	4	4.3	2	1.8	WASECA MN	24	-59	-49	06	33
5	2.6	4	2.1	7	2.6	WASHINGTON MN	-19	21	-2	21	52
1	1.3	1	1.2	3	3.4	WATONWAN MN	-8	193	169	75	71
1	1.9			2	3.5	WILKIN MN			86	56	72
3	1.5	9*	4.0	12*	4.9	WINONA MN	158	22	215	81	88
4	2.4	5	2.3	11	4.9	WRIGHT MN	-6	113	101	60	88
2	2.3	3	3.1	3	2.8	YELLOW MEDICINE MN	35	-9	23	32	57
65	1.2	122	2.0	178	2.6	MISSISSIPPI MS	67	26	110		
		1	1.8	2	2.5	ADAMS MS		43			50
4*	3.6	5	4.4	2	1.6	ALCORN MS	21	-64	-56	04	28
1	2.2	4*	10.6			AMITE MS	373				
2	2.9	2	2.4	1	1.1	ATTALA MS	-15	-53	-60	03	21
				1	2.7	BENTON MS					54
		3	3.9			BOLIVAR MS					
				1	1.2	CALHOUN MS					22
1	2.2	3	5.7			CHICKASAW MS	162				
				2	5.7	CHOCTAW MS					92
1	1.6	1	1.6	1	1.7	CLARKE MS	1	5	6	25	30
				1	1.9	CLAY MS					34
2	4.9			4	6.4	COAHOMA MS			29	35	94
2	2.4	3	4.0	2	2.4	COPIAH MS	63	-39	-1	22	47
				2	3.6	COVINGTON MS					74
1	2.2	3	6.5	1	1.2	DE SOTO MS	191	-81	-46	06	22
3	2.4	3	2.1	3	1.6	FORREST MS	-9	-23	-30	11	30
		1	2.9			FRANKLIN MS					
		2	4.2	3	5.3	GEORGE MS		28			91
1	3.4	1	3.4	1	2.5	GREENE MS	0	-27	-28	13	48
		1	2.2	1	1.5	GRENADA MS		-34			26
1	2.1			1	1.3	HANCOCK MS			-39	08	24
4	1.2	7	1.9	11	2.6	HARRISON MS	53	40	113	64	52
3	.9	12	2.6	19	3.7	HINDS MS	178	45	303	89	76
1	2.2	1	2.2	1	1.9	HOLMES MS	-2	-11	-13	18	36
		1	3.1			HUMPHREYS MS					
		2	2.9	2	2.1	ITAWAMBA MS		-28			39
1	.7	1	.8	2	.7	JACKSON MS	11	-4	6	25	18
				2	3.6	JASPER MS					75
		1	5.7	1	5.8	JEFFERSON MS		3			93
		1	2.3	1	3.5	JEFFERSON DAVIS MS		53			73
2	1.2	4	1.9	6	2.9	JONES MS	54	51	133	69	58
		1	1.5	3	3.9	LAFAYETTE MS		165			79
4	2.1	5	2.3	2	.8	LAUDERDALE MS	8	-67	-64	02	18
1	1.6	1	1.3	7*	9.1	LEAKE MS	-23	627	463	95	98
1	.8	2	1.3	5	2.6	LEE MS	70	96	232	83	53
1	2.2	2	2.8	1	1.2	LEFLORE MS	29	-58	-46	06	22
1	1.2	2	2.3	5	4.7	LINCOLN MS	88	104	285	88	87
		3	3.5	5	4.2	LOWNDES MS		20			82
		1	1.9	1	1.3	MADISON MS		-32			23
		2	2.6	1	1.4	MARION MS		-47			25
1	3.0			2	4.6	MARSHALL MS			52	43	86
		4	3.7	2	1.5	MONROE MS		-60			27
1	2.0	3*	6.6	2	4.5	MONTGOMERY MS	226	-31	123	67	85
				6*	6.0	NESHOBA MS					93
				3	3.6	NEWTON MS					75
2*	8.2			3*	12.3	NOXUBEE MS			50	42	99
3*	6.3	1	1.9	1	1.3	OKTIBBEHA MS	-70	-33	-80	00	23
1	1.7	1	1.4	3	3.3	PANOLA MS	-18	143	99	60	70
2	2.5	5*	5.6	2	1.8	PEARL RIVER MS	127	-69	-29	12	32
2	1.9	4	3.6	4	3.5	PIKE MS	93	-3	86	56	73
				2	1.9	PONTOTOC MS					36
				3	3.0	PRENTISS MS					61
				1	2.8	QUITMAN MS					58
3	3.5			7	4.4	RANKIN MS			27	33	84
		2	2.8			SCOTT MS					
				1	6.4	SHARKEY MS					94
				7*	8.0	SIMPSON MS					97
1	2.1	2	3.3	3	4.2	SMITH MS	60	27	103	61	82
		3*	10.1			STONE MS					
1	1.2	1	1.1			SUNFLOWER MS	-11				
				2	4.6	TALLAHATCHIE MS					86
		1	3.0	2	3.6	TATE MS		21			73
		1	1.5	2	2.4	TIPPAH MS		57			47
		1	1.2	1	1.1	TISHOMINGO MS		-12			21
3	3.9	2	2.2	2	1.9	UNION MS	-43	-14	-51	05	36
1	2.3	2	4.4			WALTHALL MS	90				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	1.4	3	3.3	4	3.0	WARREN MS	144	-10	119	65	62
1	.9			3	3.0	WASHINGTON MS			225	82	62
				2	3.6	WAYNE MS					74
2	3.9	1	1.9			WEBSTER MS	-51				
1	4.4					WILKINSON MS					
		1	1.4			WINSTON MS					
		1	2.2	1	1.7	YALOBUSHA MS		-25			30
1	1.7	1	1.8	3	4.3	YAZOO MS	1	146	150	72	84
240	1.2	431	2.0	580	2.6	MISSOURI MO	71	29	120		
1	1.0	2	1.7	3	2.7	ADAIR MO	72	61	176	76	54
				1	1.2	ANDREW MO					22
1	1.7	4*	8.0	1	1.6	ATCHISON MO	378	-80	-3	21	29
5*	3.8	3	2.4	3	2.6	AUDRAIN MO	-38	7	-33	10	51
3	2.4	3	2.0	2	1.5	BARRY MO	-13	-27	-37	09	27
1	1.0	1	1.9			BARTON MO	84				
4	4.1	5	4.9	2	1.9	BATES MO	19	-61	-54	04	35
1	1.9			1	.9	BENTON MO			-53	04	19
		1	1.3	1	1.3	BOLLINGER MO		-2			24
2	1.0	3	1.4	9	3.5	BOONE MO	39	155	254	85	72
9	1.8	9	1.9	17	3.6	BUCHANAN MO	8	89	104	61	74
		6	2.8	5	2.3	BUTLER MO		-17			45
		1	2.4	2	2.3	CALDWELL MO		-6			43
3	2.1	2	1.3	4	2.8	CALLAWAY MO	-40	121	32	36	58
1	2.4	1	1.8	4	2.6	CAMDEN MO	-23	43	10	26	53
		8	3.7	11	4.4	CAPE GIRARDEAU MO		19			84
1	.9	3	2.9	1	1.7	CARROLL MO	236	-39	103	61	32
2	1.5	2	1.4	6	3.2	CASS MO	-9	130	109	63	66
1	1.7	3	3.3	3	3.3	CEDAR MO	91	3	96	59	70
1	1.5	2	2.1			CHARITON MO	45				
1	1.2			5	5.2	CHRISTIAN MO			329	91	90
2	3.6	3	4.5	1	1.6	CLARK MO	27	-65	-55	04	29
1	.5	3	1.0	18	4.4	CLAY MO	123	333	867	99	84
		1	1.5	1	1.4	CLINTON MO		-7			25
1	.6	3	1.6	4	2.0	COLE MO	173	27	245	84	38
1	1.1	3	3.3	5	5.7	COOPER MO	197	69	404	93	92
1	1.8			2	1.6	CRAWFORD MO			-13	18	28
1	2.2			3	4.4	DADE MO			102	61	85
		1	1.1	4	4.2	DALLAS MO		289			82
		2	2.2	5*	8.1	DAVIESS MO		269			97
		3	4.8			DE KALB MO					
				3	3.3	DENT MO					70
		3	4.0	3	4.0	DOUGLAS MO		-1			80
4	2.1	7	3.8	8	3.9	DUNKLIN MO	79	2	82	54	78
2	.9	2	.7	5	1.6	FRANKLIN MO	-23	128	76	52	29
1	1.4	1	1.1	1	.9	GASCONADE MO	-24	-21	-40	08	19
		2	2.5			GENTRY MO					
5	.9	25*	3.8	18	2.5	GREENE MO	344	-35	189	78	48
		1	1.6			GRUNDY MO					
1	1.3	3	3.1	1	1.0	HARRISON MO	145	-67	-19	15	20
		1	.7			HENRY MO					
2	4.2	1	2.2	2	3.1	HOLT MO	-47	44	-24	14	66
1	1.5	2	2.9	3	4.3	HOWARD MO	92	49	186	78	84
3	2.5	2	1.3	5	2.9	HOWELL MO	-49	123	14	28	58
		3	5.0	1	1.5	IRON MO		-70			27
42	1.7	72*	2.8	66	2.8	JACKSON MO	71	-3	65	48	56
2	.5	11	2.6	20*	4.6	JASPER MO	444	76	859	99	86
1	.4	3	.9	6	1.6	JEFFERSON MO	121	70	275	87	28
2	1.7	7*	5.3	5	3.6	JOHNSON MO	212	-31	115	64	75
		2	4.1			KNOX MO					
		1	.8	2	1.3	LACLEDE MO		75			24
4	2.8	2	1.2	7	3.9	LAFAYETTE MO	-59	235	37	38	78
2	1.3	1	.7	3	1.7	LAWRENCE MO	-43	131	31	35	31
1	1.4	1	1.3	1	1.2	LEWIS MO	-9	-6	-14	17	23
1	1.3	1	.8	4	3.5	LINCOLN MO	-37	325	169	75	72
1	.8	2	1.5	3	2.3	LINN MO	82	55	181	77	44
		2	1.7	2	1.8	LIVINGSTON MO		6			34
		1	.9			MC DONALD MO					
		2	1.5	2	2.1	MACON MO		40			40
1	1.9	1	1.3	2	3.2	MADISON MO	-29	140	70	49	66
				1	1.7	MARIES MO					31
		3	1.9	5	3.7	MARION MO		98			76
				2	4.1	MERCER MO					81
1	1.2	1	1.0	2	1.6	MILLER MO	-21	70	35	37	29
		1	1.4	3	4.1	MISSISSIPPI MO		202			82
1	1.4	1	1.4	2	2.1	MONITEAU MO	4	45	51	42	39
1	1.0	2	3.9			MONROE MO	283				
1	1.8	1	2.0	3	3.2	MONTGOMERY MO	9	60	74	51	66
		3	3.4	5	6.4	MORGAN MO		89			94
3	2.8	1	.9	4	4.0	NEW MADRID MO	-68	353	43	39	79
		2	1.3	2	.9	NEWTON MO		-30			19
		4	3.3	3	2.0	NODAWAY MO		-38			38
1	1.8					OREGON MO					
1	1.5	2	2.7	2	2.5	OSAGE MO	71	-5	64	48	50
		1	1.7	2	2.6	OZARK MO		53			53
2	1.6	1	.8	3	2.6	PEMISCOT MO	-53	241	61	46	51
		1	1.1	2	1.8	PERRY MO		65			34
1	.6	3	1.3	6	2.7	PETTIS MO	138	101	379	92	55
2	1.7	2	1.6	4	2.7	PHELPS MO	-4	69	63	47	55
2	2.1	2	2.0	4	3.8	PIKE MO	-8	93	79	53	77
3	3.3	1	1.0	4	3.6	PLATTE MO	-70	270	11	26	74
1	1.1			2	1.7	POLK MO			44	40	30
		2	2.6	6*	6.0	PULASKI MO		134			93
		1	2.2	1	1.5	PUTNAM MO		-32			27
		2	3.2	1	1.8	RALLS MO		-45			33
3	2.0	1	.5	3	1.9	RANDOLPH MO	-76	283	-6	20	35
		1	.9			RAY MO					
1	2.3			1	2.0	REYNOLDS MO			-16	17	37
		1	1.3			RIPLEY MO					
4	2.5	2	1.1	6	1.5	ST CHARLES MO	-57	41	-40	08	27

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	1.2	1	1.2	1	1.5	ST CLAIR MO	3	21	25	33	27
2	3.4					STE GENEVIEVE MO					
1	.5	6	2.8	10	4.2	ST FRANCOIS MO	429	47	677	98	82
24	1.2	60	2.1	102	2.9	ST LOUIS COUNTY MO	79	38	148	71	59
1	.7	5	3.2	4	2.7	SALINE MO	361	-16	285	88	54
1	2.6					SCHUYLER MO					
		1	1.7	4*	9.8	SCOTLAND MO		477			98
4	2.9	2	1.3	5	3.1	SCOTT MO	-56	140	5	24	64
		3	4.6	2	3.2	SHELBY MO		-31			66
				6	3.4	STODDARD MO					71
1	1.9	1	1.6	2	1.8	STONE MO	-13	9	-5	21	33
				2	3.2	SULLIVAN MO					66
		3	3.0	3	1.9	TANEY MO		-35			36
1	.9	1	.8	2	1.4	TEXAS MO	-13	76	54	44	26
		3	1.6	2	1.5	VERNON MO		-7			27
1	1.9			2	2.8	WARREN MO			47	42	56
		1	1.2	3	3.6	WASHINGTON MO		209			75
2	4.0			3	4.4	WAYNE MO			9	26	64
1	1.2	4	3.9			WEBSTER MO	216				
1	4.7	2	6.9			WORTH MO	48				
1	.9	4	3.9	2	1.8	WRIGHT MO	314	-54	90	58	33
50	1.5	52	1.8	49	2.3	ST LOUIS CITY MO	22	27	54	44	45
58	1.8	79	2.4	104	3.1	MONTANA MT	33	27	70		
2	3.8	3*	6.1			BEAVERHEAD MT	63				
1	2.9	2	7.2			BIG HORN MT	148				
3*	7.3			1	2.9	BLAINE MT			-60	03	60
1	1.9	2	3.5	1	1.6	CARBON MT	83	-53	-14	17	29
7	2.7	7	2.3	13	4.2	CASCADE MT	-14	82	56	44	82
		1	2.0			CHOUTEAU MT					
		2	3.0	1	.9	CUSTER MT		-71			19
1	3.4					DANIELS MT					
1	1.9	1	2.0			DAWSON MT	1				
2	2.0	1	.9	2	2.4	DEER LODGE MT	-56	176	20	31	47
1	5.4	1	5.2			FALLON MT	-4				
1	1.0	2	1.8	3	3.7	FERGUS MT	86	106	285	88	76
3	1.5	4	1.9	11*	4.8	FLATHEAD MT	26	149	214	81	88
		4	3.4			GALLATIN MT					
				1*	19.5	GARFIELD MT					99
		1*	9.0			GOLDEN VALLEY MT					
1	5.0	1	5.7	1	7.9	GRANITE MT	15	38	59	46	97
1	1.2	2	2.8	1	1.2	HILL MT	125	-55	0	22	23
				1	5.1	JUDITH BASIN MT					90
		2	1.3	8	5.3	LEWIS AND CLARK MT		312			90
		1*	8.6			LIBERTY MT					
				3	4.0	LINCOLN MT					79
				2	5.7	MADISON MT					93
				1	6.0	MINERAL MT					93
6*	3.4	4	2.0	6	2.5	MISSOULA MT	-42	27	-26	13	50
				1	3.2	MUSSELSHELL MT					67
4*	5.9	2	2.8	4	5.6	PARK#MT	-52	97	-5	20	92
		1	3.5			PHILLIPS MT					
		1	3.3	3*	7.8	PONDERA MT		137			96
		1	8.9	1	8.1	POWDER RIVER MT		-9			97
		3*	8.2	1	3.7	POWELL MT		-54			76
		4	4.2	9*	8.4	RAVALLI MT		102			97
		2	4.2	2	2.8	RICHLAND MT		-34			56
2	4.2	1	2.7	1	2.5	ROOSEVELT MT	-36	-5	-39	08	50
		1	4.1			ROSEBUD MT					
2	4.2	1	1.8	2	4.0	SANDERS MT	-56	122	-3	21	80
1	2.1			1	1.8	SHERIDAN MT			-15	17	32
3	1.1	4	1.7	4	2.1	SILVER BOW MT	55	20	87	56	39
				1	2.5	STILLWATER MT					48
1	2.3	2	5.4			TETON MT	142				
4*	11.5	2	5.7	2	7.1	TOOLE MT	-50	25	-38	08	96
1	2.3	2	4.2	1	1.9	VALLEY MT	79	-54	-17	16	36
				1	14.2	WIBAUX MT					99
9*	2.9	11	3.1	14	3.9	YELLOWSTONE MT	7	23	32	36	78
107	1.5	183*	2.5	275*	3.6	NEBRASKA NB	64	44	135		
2	1.3	6	3.4	5	2.8	ADAMS NB	168	-17	122	66	57
		2	2.7	3	4.9	ANTELOPE NB		81			89
		1	1.5	1	1.6	BOONE NB		3			28
1	1.9	3	4.9	2	2.8	BOX BUTTE NB	157	-44	44	40	56
1	3.6					BOYD NB					
4	2.6	7*	4.8	7	4.6	BUFFALO NB	85	-4	77	53	86
3*	4.4	1	1.3	4	5.1	BURT NB	-70	289	15	29	89
3*	4.4	3	3.7	1	1.3	BUTLER NB	-15	-65	-70	01	24
2	2.0	1	1.2	6	5.5	CASS NB	-43	378	171	76	91
1	1.4	5*	6.8	4	5.1	CEDAR NB	386	-25	264	86	89
1	4.4					CHASE NB					
		1	2.4	1	2.7	CHERRY NB		10			54
2	3.1	1	1.6	4	6.8	CHEYENNE NB	-48	323	120	66	95
1	1.6	3	4.5	1	1.9	CLAY NB	175	-59	13	27	34
3*	4.3	2	2.7	2	2.3	COLFAX NB	-36	-17	-47	06	43
2	2.7	1	1.3	1	1.2	CUMING NB	-53	-8	-57	04	22
1	.8			2	1.9	CUSTER NB			119	65	34
		2	3.2	3	4.5	DAKOTA NB		40			85
		1	1.6	1	2.0	DAWES NB		28			37
1	.8	1	.8	2	1.7	DAWSON NB	4	105	113	64	31
1	7.9			1	3.0	DEUEL NB			-61	02	63
1	1.9	4*	7.8	3	5.0	DIXON NB	306	-36	161	74	89
6*	4.0	4	2.3	4	2.2	DODGE NB	-42	-5	-45	07	42
22	1.6	37	2.6	57*	3.9	DOUGLAS NB	60	51	142	70	79
				2	6.8	DUNDY NB					95
1	2.1	3	6.0	2	3.1	FILLMORE NB	183	-49	45	40	63
1	2.6	3*	6.8	2	5.5	FRANKLIN NB	164	-18	117	64	91
		1	2.0	3	4.5	FURNAS NB		122			85
		6	4.0	7	4.7	GAGE NB		16			87

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
				3*	12.9	GARFIELD	NB					99
2*	7.0	1	3.0			GREELEY	NB	-57				
4	2.3	7	3.5	10	4.8	HALL	NB	53	37	109	63	87
		2	3.8	2	4.2	HAMILTON	NB		12			83
		2	4.9	1	2.3	HAPLAN	NB		-53			44
		1	3.4			HITCHCOCK	NB					
		1	1.1	2	2.4	HOLT	NB		109			46
		1*	16.3			HOOKER	NB					
1	2.0			2	4.0	HOWARD	NB			105	62	80
1	1.3	1	1.1	2	3.2	JEFFERSON	NB	-16	196	147	71	68
				3	8.4	JOHNSON	NB					97
1	2.0			3	5.3	KEARNEY	NB			163	74	91
				4*	8.6	KEITH	NB					98
1*	8.8			1*	20.2	KEYA PAHA	NB			129	68	99
				2	9.6	KIMBALL	NB					98
1	1.1	1	1.1			KNOX	NB	2				
12	1.9	14	2.2	22	3.2	LANCASTER	NB	12	45	62	47	66
1	.7	5	3.3	3	1.9	LINCOLN	NB	347	-42	160	73	35
				1*	17.0	LOUP	NB					99
1	.6	6	4.2	11*	6.5	MADISON	NB	588	56	977	99	95
				2	4.3	MERRICK	NB					83
				1	2.7	MORRILL	NB					56
1	3.0			2	4.3	NANCE	NB			42	39	83
				3	4.4	NEMAHA	NB					85
1	2.0	1	1.8	1	1.7	NUCKOLLS	NB	-11	-2	-12	18	31
1	1.0	2	1.9	1	.8	OTOE	NB	78	-58	-25	13	18
2	4.4	1	2.1	1	1.8	PAWNEE	NB	-52	-17	-60	03	32
		1	3.7			PERKINS	NB					
		4*	5.6	3	4.7	PHELPS	NB		-16			87
2	3.8	1	1.7	6*	10.9	PIERCE	NB	-56	542	185	78	99
				7	5.3	PLATTE	NB					91
1	1.6	2	3.5	3	6.8	POLK	NB	120	94	325	90	95
		1	1.3	2	2.5	RED WILLOW	NB		101			50
				3	3.8	RICHARDSON	NB					77
				2*	11.7	ROCK	NB					99
3	3.2	3	2.6	5	4.5	SALINE	NB	-17	73	43	40	85
		2	3.1	3	3.1	SARPY	NB		0			64
3	3.1	6*	5.1	2	2.0	SAUNDERS	NB	65	-60	-34	09	38
2	1.7	4	2.6	2	1.1	SCOTTS BLUFF	NB	50	-57	-35	09	21
1	1.7	1	1.2	4	4.5	SEWARD	NB	-27	275	175	76	85
		1	2.0			SHERIDAN	NB					
				2	5.3	SHERMAN	NB					90
				1	3.1	STANTON	NB					66
				4	6.5	THAYER	NB					95
1	2.6	2	5.7	1	2.7	THURSTON	NB	122	-53	5	24	55
1	2.9	3*	6.8	5*	8.4	VALLEY	NB	135	25	193	79	97
		2	3.0	1	1.3	WASHINGTON	NB		-58			23
		3	6.2	1	1.8	WAYNE	NB		-72			32
2	5.7			1	4.5	WEBSTER	NB			-21	15	85
1	1.4	2	2.9	3	3.9	YORK	NB	112	34	185	78	78
7	.8	22	1.3	73	3.0	NEVADA	NV	65	128	276		
		1	2.3	1	1.5	CHURCHILL	NV		-35			26
1	.2	12	1.3	42	3.4	CLARK	NV	486	158	1414	99	70
				1	2.3	DOUGLAS	NV					44
1	1.4					ELKO	NV					
				2	9.4	HUMBOLDT	NV					98
		1*	8.4			LANDER	NV					
				1	1.4	LYON	NV					26
		1	3.2	1	3.0	MINERAL	NV		-8			62
				1	2.4	NYE	NV					46
1	4.7			3*	14.7	PERSHING	NV			210	81	99
3	1.0	6	1.4	18	2.9	WASHOE	NV	42	117	208	80	61
		1	2.3			WHITE PINE	NV					
1	7.4			3	2.1	ORMSBY-CARSON CITY	NV			-72	01	38
51	1.8	59	1.9	90	2.5	NEW HAMPSHIRE	NH	7	32	40		
3	2.0	4	2.5	1	.5	BELKNAP	NH	21	-79	-74	00	17
2	1.9	2	1.6	4	3.6	CARROLL	NH	-18	128	87	56	75
3	1.3	5	2.1	11	4.0	CHESHIRE	NH	59	88	199	80	80
1	.5	4	2.1	10*	5.3	COOS	NH	313	145	914	99	90
3	1.2	3	1.1	9	3.2	GRAFTON	NH	-4	187	177	77	67
14	1.8	16	1.8	22	2.2	HILLSBOROUGH	NH	1	23	24	32	42
5	1.3	5	1.3	6	1.4	MERRIMACK	NH	0	3	3	23	25
10	2.3	9	1.8	15	2.5	ROCKINGHAM	NH	-22	36	6	25	48
6	2.4	10	3.8	10	3.3	STRAFFORD	NH	57	-13	36	37	70
4	2.7	1	.7	2	1.1	SULLIVAN	NH	-75	59	-60	03	21
358	1.5	508	1.8	797	2.6	NEW JERSEY	NJ	22	43	75		
11	1.6	15	1.6	26	2.6	ATLANTIC	NJ	0	61	60	46	53
38	1.3	72	2.0	110	2.7	BERGEN	NJ	51	34	102	61	54
9	1.5	19	2.5	22	2.4	BURLINGTON	NJ	65	-4	58	45	45
17	1.4	38	2.3	40	2.4	CAMDEN	NJ	65	4	71	50	47
8*	2.9	3	1.4	9	2.0	CAPE MAY	NJ	-52	49	-29	12	38
8	1.8	4	1.1	11	2.2	CUMBERLAND	NJ	-40	104	22	31	41
69	1.7	67	1.8	82	2.5	ESSEX	NJ	2	40	43	39	49
7	1.4	16	2.8	14	2.3	GLOUCESTER	NJ	95	-19	58	45	44
37	1.1	38	1.3	53	2.1	HUDSON	NJ	12	61	80	54	39
5	2.0	7	2.4	11	3.2	HUNTERDON	NJ	23	32	62	47	67
9	.9	18	1.5	32	2.7	MERCER	NJ	55	84	186	78	55
21	1.5	38	2.1	66	3.2	MIDDLESEX	NJ	39	56	117	65	67
35*	2.8	35	2.2	66	3.4	MONMOUTH	NJ	-23	54	18	29	70
18	2.0	20	1.7	36	2.6	MORRIS	NJ	-15	56	33	36	53
5	1.0	11	.9	51	2.8	OCEAN	NJ	-5	203	187	78	57
23	1.3	28	1.4	46	2.3	PASSAIC	NJ	12	61	80	54	44
4	1.9			9	3.3	SALEM	NJ			73	51	69
7	1.4	15	2.3	22	2.7	SOMERSET	NJ	58	19	87	56	55
3	1.4	6	2.0	9	2.2	SUSSEX	NJ	37	12	53	43	42

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
19	1.0	51	2.2	70	3.0	UNION	NJ	121	33	192	79	62
5	1.5	7	2.1	12	3.5	WARREN	NJ	37	68	130	68	72
29	1.1	56	1.8	86	2.3	NEW MEXICO	NM	65	25	106		
10	1.8	17	2.2	34	3.1	BERNALILLO	NM	25	42	77	53	65
				1	8.0	CATRON	NM					97
		6	3.6	9	4.7	CHAVES	NM		32			87
		1	1.4			COLFAX	NM					
		4	3.8	3	2.2	CURRY	NM		-42			42
1	.3	2	1.1	3	1.4	DONA ANA	NM	276	34	403	93	25
1	.4			1	.4	EDDY	NM			-13	18	17
2	2.4	3	3.4	4	5.0	GRANT	NM	43	48	111	63	89
				1	5.6	GUADALUPE	NM					92
1	.8	3	3.1	5	2.6	LEA	NM	293	-18	222	82	51
1	2.3			1	2.9	LINCOLN	NM			24	32	60
1	4.9	2*	4.4			LOS ALAMOS	NM	-10				
				2	2.0	LUNA	NM					37
		1	3.5			MORA	NM					
2	4.4	2	2.6	3	2.8	OTERO	NM	-42	9	-36	09	57
		1	1.5	1	2.0	QUAY	NM		32			37
4*	5.2	1	1.2	4	6.3	RIO ARRIBA	NM	-77	421	21	51	94
		2	2.7			ROOSEVELT	NM					
		1	2.7			SANDOVAL	NM					
1	1.8	2	2.3	3	2.0	SAN JUAN	NM	29	-13	13	27	37
1	.9	1	1.1	1	1.2	SAN MIGUEL	NM	14	10	25	32	22
1	.8	4	2.6	3	1.3	SANTA FE	NM	228	-48	70	50	24
2	3.1			4	4.9	SIERRA	NM			58	45	88
1	1.4	1	1.7	1	1.6	TAOS	NM	15	-4	10	26	29
				1	3.3	UNION	NM					70
		2	2.1	1	.9	VALENCIA	NM		-54			19
1207*	1.6	1692	2.2	1976	2.6	NEW YORK	NY	34	19	59		
21	1.7	28	2.1	29	2.2	ALBANY	NY	27	4	32	36	42
4	1.8	3	1.4	5	2.2	ALLEGANY	NY	-26	61	20	30	42
144*	2.0	118	1.8	137	2.7	BRONX	NY	-10	45	31	35	54
20	2.1	36*	3.6	19	1.8	BROOME	NY	74	-49	-10	19	34
4	1.0	8	2.0	16	3.9	CATTARAUGUS	NY	100	100	300	89	78
5	1.4	6	1.6	13	3.5	CAYUGA	NY	13	118	146	71	72
13	1.7	18	2.3	22	2.8	CHAUTAUQUA	NY	33	20	60	46	57
13*	3.1	7	1.5	7	1.6	CHEMUNG	NY	-52	3	-50	05	28
5	2.4	4	1.9	10	4.3	CHENANGO	NY	-21	132	83	55	83
2	.8	7	2.6	9	3.7	CLINTON	NY	237	41	375	92	76
1	.4	5	1.7	6	1.6	COLUMBIA	NY	367	-4	347	91	29
3	1.6	4	2.0	9	4.5	CORTLAND	NY	27	121	182	77	85
2	.9	3	1.2	7	2.6	DELAWARE	NY	39	115	199	80	51
16	2.0	15	1.6	21	2.1	DUTCHESS	NY	-18	29	6	24	39
74	1.7	102	2.2	123	2.7	ERIE	NY	29	22	57	45	55
2	1.1	4	2.3	7	3.6	ESSEX	NY	115	53	229	83	74
3	1.3	7	3.5	3	1.4	FRANKLIN	NY	160	-59	7	25	25
2	.7	5	1.7	9	2.8	FULTON	NY	146	66	310	90	58
2	.8	3	1.1	9	3.3	GENESEE	NY	41	199	321	90	69
3	1.7	10*	4.7	7	2.8	GREENE	NY	177	-39	70	49	58
6	1.6	9	2.4	7	1.9	HERKIMER	NY	51	-22	18	29	34
10	2.1	12	2.7	10	2.3	JEFFERSON	NY	26	-15	8	25	44
190	1.6	188	1.6	247	2.5	KINGS(BROOKLYN)	NY	5	55	64	48	50
1	.7	2	1.7	2	1.6	LEWIS	NY	128	-1	125	67	29
3	1.5	7	3.0	4	1.7	LIVINGSTON	NY	109	-45	15	28	30
4	1.6	7	2.7	8	3.1	MADISON	NY	69	11	88	57	64
38	1.4	71	2.5	85	3.0	MONROE	NY	78	18	109	63	61
3	.9	6	1.7	10	2.9	MONTGOMERY	NY	95	73	238	84	60
62	1.8	105	2.2	169	2.9	NASSAU	NY	19	35	61	46	60
191*	2.2	304*	4.0	138	2.3	NEW YORK(MANHATTAN)	NY	80	-41	6	25	45
17	1.7	20	2.0	43*	4.2	NIAGARA	NY	21	109	152	72	83
14	1.1	29	2.3	28	2.2	ONEIDA	NY	106	-4	97	59	41
25	1.5	38	2.0	45	2.4	ONONDAGA	NY	36	16	57	45	45
3	.8	7	2.0	8	2.1	ONTARIO	NY	134	6	148	72	39
13	1.5	21	2.2	24	2.3	ORANGE	NY	48	3	52	43	44
1	.6	4	2.6	7	3.9	ORLEANS	NY	332	51	552	97	78
5	1.2	5	1.2	13	2.9	OSWEGO	NY	2	139	145	71	60
7	2.3	7	2.3	4	1.3	OTSEGO	NY	1	-45	-44	07	23
		3	1.4	8	3.1	PUTNAM	NY		122			65
88	1.1	153	1.6	250	2.6	QUEENS	NY	51	60	141	70	52
10	1.5	16	2.2	9	1.3	RENSSELAER	NY	50	-42	-12	18	23
15	1.4	24	2.3	29	2.4	RICHMOND	NY	56	6	65	48	47
5	1.0	13	2.2	18	2.4	ROCKLAND	NY	132	10	155	73	48
3	.6	11	2.3	12	2.5	ST LAWRENCE	NY	270	7	295	89	48
7	1.8	9	1.9	14	2.7	SARATOGA	NY	5	37	45	40	54
13	1.9	16	2.0	20	2.5	SCHENECTADY	NY	8	22	32	36	48
4	2.9	5	3.9	2	1.5	SCHOHARIE	NY	33	-60	-47	06	27
3	3.9			2	2.3	SCHUYLER	NY			-42	07	43
3	1.6	1	.5	3	1.6	SENECA	NY	-69	225	0	22	30
10	1.8	14	2.7	11	2.1	STEUBEN	NY	48	-20	18	29	41
27	1.3	65	2.0	91	2.1	SUFFOLK	NY	57	7	68	49	41
3	1.2	8	2.6	9	2.5	SULLIVAN	NY	116	-6	104	61	49
3	1.9	2	1.2	8	4.1	TIOGA	NY	-33	233	122	66	82
4	1.7	6	2.5	4	1.5	TOMPKINS	NY	52	-41	-10	19	27
6	1.0	10	1.5	22	3.0	ULSTER	NY	45	108	202	80	63
5	2.3	3	1.2	3	1.1	WARREN	NY	-46	-13	-53	05	21
4	1.6	3	1.2	10	3.9	WASHINGTON	NY	-25	230	146	71	78
6	1.8	6	1.7	17*	4.7	WAYNE	NY	0	171	171	76	87
51	1.6	84	2.3	101	2.5	WESTCHESTER	NY	43	8	54	44	48
5	3.0	1	.6	9	5.0	WYOMING	NY	-81	758	66	48	89
		4	4.0	4	3.1	YATES	NY		-21			65
190	1.6	297	2.2	496	2.9	NORTH CAROLINA	NC	32	33	75		
2	1.0	4	1.5	14	4.3	ALAMANCE	NC	60	180	349	91	83
		4*	6.4	2	2.1	ALEXANDER	NC		-67			40
				2	3.5	ALLEGHANY	NC					73

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		1	1.6	2	2.4	ANSON	NC		47			46
1	1.0	5*	5.1	4	3.6	ASHE	NC	435	-29	280	87	75
1	1.9	1	1.7	1	1.9	AVERY	NC	-12	14	0	22	35
2	2.0	3	2.9	4	3.5	BEAUFORT	NC	46	22	78	53	73
				1	1.9	BERTIE	NC					36
1	1.3	2	2.5	1	.9	BLADEN	NC	94	-63	-29	12	19
				1	.6	BRUNSWICK	NC					17
11	2.3	11	1.8	22	3.2	BUNCOMBE	NC	-23	79	39	38	67
5	2.8	4	2.0	7	2.6	BURKE	NC	-30	30	-9	20	51
4	2.6	6	2.7	15*	5.1	CABARRUS	NC	2	89	93	58	69
2	1.4	3	1.9	4	1.5	CALDWELL	NC	40	-22	8	26	26
				3*	14.0	CAMDEN	NC					99
1	1.1	3	3.1	5	3.1	CARTERET	NC	171	1	173	76	65
				3	5.4	CASWELL	NC					91
2	.8	8	3.0	5	1.6	CATAWBA	NC	272	-47	97	59	28
3	3.4	1	1.1	4	4.2	CHATHAM	NC	-68	292	24	32	82
		5*	5.9	3	2.9	CHEROKEE	NC		-50			60
		1	4.5	1	3.3	CHOWAN	NC		-26			69
				1	2.0	CLAY	NC					37
3	1.4	4	1.8	9	3.4	CLEVELAND	NC	27	92	145	71	71
3	2.4	3	2.3	4	2.6	COLUMBUS	NC	-8	13	5	24	51
1	.9	2	1.8	3	1.8	CRAVEN	NC	102	-2	99	60	34
3	2.0	4	1.6	7	2.7	CUMBERLAND	NC	-20	66	33	36	54
2*	8.1	1	4.2	1	1.9	CURRITUCK	NC	-48	-54	-76	00	35
1	4.3	1	2.5	1	1.4	DARE	NC	-42	-44	-68	01	24
2	.9	4	1.4	14	3.5	DAVIDSON	NC	50	157	286	88	73
				2	2.1	DAVIE	NC					39
		2	2.6	3	2.9	DUPLIN	NC		10			59
6	2.7	7	2.5	16*	4.8	DURHAM	NC	-10	94	75	52	88
4*	3.9	1	.9	2	1.4	EDGECOMBE	NC	-76	52	-63	02	25
5	1.2	11	2.0	29*	4.4	FORSYTH	NC	65	125	271	86	84
2	2.7	3	4.4	3	3.6	FRANKLIN	NC	61	-17	33	36	75
7	2.1	12	2.9	10	1.8	GASTON	NC	37	-39	-16	17	32
1	4.5	4*	17.8			GATES	NC	298				
1	3.7	1	3.3			GRAHAM	NC	-11				
2	2.4	3	4.3	2	2.7	GRANVILLE	NC	78	-36	14	28	56
		1	3.8			GREENE	NC					
9	1.7	14	1.7	26	2.7	GUILFORD	NC	1	56	57	45	55
2	3.1	2	2.0	6	4.5	HALIFAX	NC	-36	128	45	41	85
4	3.1	6	4.5	7	4.8	HARNETT	NC	44	5	52	43	87
2	1.4	7	4.0	10	4.4	HAYWOOD	NC	189	10	218	82	84
3	1.8	6	2.7	7	2.5	HENDERSON	NC	53	-8	41	38	50
		1	2.1	1	1.8	HERTFORD	NC		-15			32
3	1.5	10*	4.1	10	3.3	IREDELL	NC	167	-19	116	64	70
2	2.7	1	1.2	1	.9	JACKSON	NC	-56	-25	-67	01	19
2	1.1	6	2.8	4	1.5	JOHNSTON	NC	140	-46	29	34	26
				1	2.9	JONES	NC					61
2	3.9			3	2.4	LEE	NC			-38	08	46
		5	3.9	7	4.8	LENOIR	NC		24			87
1	.6	1	1.2	2	1.2	LINCOLN	NC	101	-1	99	60	23
1	1.0	2	1.7	4	2.7	MC DOWELL	NC	61	63	162	74	56
				5	3.4	MACON	NC					71
				3	3.3	MADISON	NC					68
		1	2.0	3	4.3	MARTIN	NC		112			83
16*	3.2	18	2.4	27	2.8	MECKLENBURG	NC	-25	19	-11	19	58
1	1.5	1	1.4	2	2.7	MITCHELL	NC	-9	94	75	52	54
1	1.7			1	1.1	MONTGOMERY	NC			-32	10	21
1	1.1			2	1.2	MOORE	NC			13	28	22
4	3.1	1	.7	4	2.2	NASH	NC	-79	230	-30	11	41
3	1.4	1	.4	4	1.5	NEW HANOVER	NC	-68	246	10	26	27
2	4.2	1	2.0	1	2.0	NORTHAMPTON	NC	-54	3	-52	05	38
				1	.6	ONSLOW	NC					17
6*	5.8	6*	6.3	3	2.1	ORANGE	NC	9	-67	-64	02	40
1	3.0			1	2.3	PAMLICO	NC			-21	14	45
1	1.5			1	1.2	PASQUOTANK	NC			-25	13	22
		2	4.3	2	3.8	PENDER	NC		-12			77
		3	4.2	2	2.0	PERSON	NC		-52			38
4	2.6	2	1.1	3	1.4	PITT	NC	-59	33	-45	07	26
				2	3.1	POLK	NC					64
1	.6	4	1.5	14	4.4	RANDOLPH	NC	163	201	692	98	84
1	.6	4	3.8	2	1.5	RICHMOND	NC	577	-59	177	76	28
		3	2.3	7	4.2	ROBESON	NC		78			82
2	1.3	5	1.9	8	2.8	ROCKINGHAM	NC	56	46	127	67	58
6	2.5	5	1.7	13	3.4	ROWAN	NC	-32	98	35	37	71
3	1.7	1	.5	6	2.5	RUTHERFORD	NC	-69	379	47	41	48
		4	2.8	5	3.9	SAMPSON	NC		41			78
1	2.6	1	1.3	4	4.7	SCOTLAND	NC	-48	260	86	55	87
		2	1.0	3	1.7	STANLY	NC		67			31
1	1.0	1	1.2	4	3.8	STOKES	NC	25	206	283	88	77
4	2.3	4	2.1	5	2.1	SURRY	NC	-8	-2	-10	19	40
2*	6.1	2	6.1	2	4.0	SWAIN	NC	0	-34	-34	09	80
		1	1.6	3	2.6	TRANSYLVANIA	NC		65			53
2	1.7	5	3.3	7	3.7	UNION	NC	93	12	117	65	76
		3	4.0	2	1.9	VANCE	NC		-52			36
10	2.7	21*	4.6	18	3.4	WAKE	NC	68	-27	23	32	70
		2	5.2			WARREN	NC					
				1	2.5	WASHINGTON	NC					49
1	1.3	2	2.5	1	1.1	WATAUGA	NC	95	-57	-17	16	20
3	2.4			5	3.1	WAYNE	NC			30	35	65
2	1.2	1	.6	5	2.2	WILKES	NC	-52	276	82	54	43
1	.9	1	.5	6	3.7	WILSON	NC	-41	580	299	89	75
1	1.2	2	2.0	4	3.0	YADKIN	NC	69	48	150	72	62
				4	5.3	YANCEY	NC					90
52	1.8	77	2.5	90	2.8	NORTH DAKOTA	ND	41	12	58		
1	4.0					ADAMS	ND					
		3	3.6	3	3.1	BARNES	ND		-13			65
1	2.0	4*	7.7	1	1.9	BENSON	ND	290	-76	-6	20	34
1*	13.7					BILLINGS	ND					
1	1.3	3	4.4	3	4.6	BOTTINEAU	ND	231	3	242	84	86

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
				2*	7.5	BOWMAN	ND					96
2*	6.3			2	8.5	BURKE	ND			34	37	97
4	4.0	2	1.3	8	4.8	BURLEIGH	ND	-68	273	19	30	87
9*	3.2	9	2.9	7	2.2	CASS	ND	-10	-26	-33	10	41
		2	3.7	1	1.7	CAVALIER	ND		-53			31
		1	1.8			DICKEY	ND					
1	4.1	1	5.1	1	3.6	DUNN	ND	25	-30	-13	18	74
		1	2.6	3*	7.0	EMMONS	ND		168			96
				1	4.0	FOSTER	ND					80
1	6.2	2*	12.3			GOLDEN VALLEY	ND	98				
		5	2.6	6	2.9	GRAND FORKS	ND		13			60
1	2.9			3*	8.8	GRIGGS	ND			200	80	98
		1	2.2	3	6.9	LA MOURE	ND		217			95
				1	4.4	LOGAN	ND					84
1	1.7	1	1.8	1	1.3	MC HENRY	ND	6	-25	-21	15	24
		1	2.3			MC INTOSH	ND					
1	2.4	1	2.8	3*	7.9	MC KENZIE	ND	16	179	225	82	97
1	1.2	1	1.3	3	3.8	MC LEAN	ND	7	191	213	81	77
2*	5.3					MERCER	ND					
2	2.2	3	3.8	2	1.9	MORTON	ND	69	-50	-15	17	35
1	1.8	1	2.2	2	4.2	MOUNTRAIL	ND	17	94	127	67	82
		1	1.7			NELSON	ND					
2	2.6	4*	5.7	4	6.1	PEMBINA	ND	121	6	135	69	93
		3*	6.9	1	2.3	PIERCE	ND		-66			45
1	1.3			2	2.4	RAMSEY	ND			82	54	47
1	1.3			2	4.3	RANSOM	ND			223	82	83
		2*	7.6			RENVILLE	ND					
2	1.7	4	3.7	5	4.5	RICHLAND	ND	116	23	164	75	85
1	3.3			1	2.9	ROLETTE	ND			-12	18	58
1	3.5					SARGENT	ND					
				2*	8.8	SHERIDAN	ND					98
		1*	11.8			SLOPE	ND					
2	3.3	3	4.2	4	4.4	STARK	ND	25	6	32	36	84
		2*	7.5			STEELE	ND					
2	1.5	2	1.6	4	3.1	STUTSMAN	ND	8	93	109	63	65
				2	6.2	TOWNER	ND					94
3*	5.6	2	2.7	2	4.4	TRAILL	ND	-51	59	-22	14	84
3	2.9	2	1.8	2	2.1	WALSH	ND	-37	12	-30	11	38
1	.6	6	3.3	2	.9	WARD	ND	426	-72	49	42	19
1	2.4					WELLS	ND					
2	2.1	3	3.1	1	.9	WILLIAMS	ND	46	-72	-59	03	19
602	1.6	827	2.0	1158	2.7	OHIO	OH	31	34	75		
6*	5.3	3	2.0	1	.6	ADAMS	OH	-62	-71	-89	00	17
8	1.8	7	1.6	10	2.1	ALLEN	OH	-13	32	15	28	40
1	.5			5	2.3	ASHLAND	OH			367	92	45
6	1.3	6	1.3	9	1.9	ASHTABULA	OH	0	42	41	39	35
4	1.6	4	1.7	3	1.5	ATHENS	OH	11	-16	-7	20	26
4	2.3	4	2.2	5	2.6	AUGLAIZE	OH	-4	18	13	27	52
4	.8	3	.7	20*	4.3	BELMONT	OH	-21	566	425	94	83
1	.6	1	.7	7	4.8	BROWN	OH	17	551	665	98	87
9	1.5	13	1.6	26	3.1	BUTLER	OH	12	86	109	63	63
1	1.0	1	1.0	2	1.7	CARROLL	OH	2	68	71	50	31
2	1.4	1	.7	4	2.6	CHAMPAIGN	OH	-48	256	86	55	53
7	1.4	7	1.3	26*	4.2	CLARK	OH	-9	237	206	80	83
4	1.7	2	.7	10	2.9	CLERMONT	OH	-55	295	76	52	60
1	.7	2	1.4	5	3.5	CLINTON	OH	109	147	416	94	73
9	1.8	6	1.2	5	.9	COLUMBIANA	OH	-36	-22	-51	05	19
		5	3.0	1	.6	COSHOCTON	OH		-81			17
6	2.6	5	2.3	9	3.9	CRAWFORD	OH	-10	68	51	43	79
114	1.8	142	2.2	163	2.5	CUYAHOGA	OH	21	18	42	39	51
10*	4.3	7	2.9	13*	5.2	DARKE	OH	-34	80	19	50	90
2	1.5	1	.8	6	4.0	DEFIANCE	OH	-46	368	166	75	79
1	.6	1	.7	6	3.5	DELAWARE	OH	18	406	497	96	72
2	.6	5	1.5	10	3.0	ERIE	OH	138	97	369	92	63
2	.7	11	3.5	12	3.4	FAIRFIELD	OH	423	-2	412	93	71
		2	1.6	4	3.0	FAYETTE	OH		85			62
39	1.8	54	2.4	76	3.1	FRANKLIN	OH	33	28	71	50	64
1	.7	4	2.8	4	2.6	FULTON	OH	290	-10	250	85	51
1	.7	4	3.1	4	2.9	GALLIA	OH	320	-8	288	88	59
6*	3.8	1	.3	3	1.4	GEAUGA	OH	-91	327	-63	02	25
8*	3.2	7	2.2	8	2.8	GREENE	OH	-30	27	-11	19	58
		6	2.5	7	2.9	GUERNSEY	OH		20			61
60	1.9	59	1.8	73	2.2	HAMILTON	OH	-5	22	16	29	43
3	1.2	4	1.6	9	3.3	HANCOCK	OH	34	103	173	76	68
1	.6	2	1.3	8*	5.5	HARDIN	OH	109	311	760	99	91
1	1.1	5*	4.9	3	3.0	HARRISON	OH	357	-39	179	77	62
3	2.5	1	.8	5	3.7	HENRY	OH	-68	360	47	41	76
1	.7	3	1.6	1	.6	HIGHLAND	OH	121	-61	-13	18	17
1	1.0	4	3.6	2	1.7	HOCKING	OH	274	-55	70	50	30
2	2.0	2	1.9	1	.9	HOLMES	OH	-7	-50	-54	04	19
1	.4	2	.9	7	3.2	HURON	OH	109	243	619	98	66
2	1.4	4	2.7	5	3.4	JACKSON	OH	85	26	133	69	70
2	.4	12	2.5	8	1.7	JEFFERSON	OH	508	-33	308	89	30
		5	2.5	9	4.1	KNOX	OH		59			81
5	1.1	13	2.4	17	2.5	LAKE	OH	109	5	119	65	49
2	.9	5	1.9	3	1.1	LAWRENCE	OH	110	-44	16	29	21
8	2.1	14	3.3	14	2.9	LICKING	OH	60	-13	39	38	60
4	2.0	3	1.6	7	3.7	LOGAN	OH	-22	137	85	55	76
12	1.7	14	1.8	14	1.6	LORAIN	OH	6	-11	-6	20	28
35	1.8	43	2.2	62	3.3	LUCAS	OH	18	51	79	53	68
1	.9	2	1.6	6	5.0	MADISON	OH	73	205	427	94	89
24	2.0	36	2.8	35	2.7	MAHONING	OH	38	-5	31	35	54
3	1.1	6	2.4	12	4.4	MARION	OH	113	80	284	88	84
2	.8	3	1.2	3	1.1	MEDINA	OH	44	-8	32	35	20
		5	4.0	9*	7.7	MEIGS	OH		95			96
2	1.4	1	.7	5	2.9	MERCER	OH	-53	340	106	62	59
2	.7	6	1.8	10	2.9	MIAMI	OH	181	58	344	91	60
2	2.4	1	1.4	3	3.3	MONROE	OH	-42	139	38	38	69
29	1.6	46	2.4	53	2.6	MONTGOMERY	OH	45	11	61	46	53

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1	1.5	2	2.3	2	2.5	MORGAN OH	50	9	64	48	50
		6*	6.1	5	4.8	MOPPOW OH		-21			66
7	1.9	4	1.1	13	3.5	MUSKINGUM OH	-43	221	83	55	73
		1	1.9	2	3.2	NOBLE OH		70			66
3	1.9	5	2.9	6	3.0	OTTAWA OH	54	2	58	45	62
1	1.5	1	1.1	4	4.9	PAULDING OH	-31	361	217	82	88
1	.6	4	2.8	6	4.2	PERRY OH	347	51	575	97	83
		6	4.0	4	2.2	PICKAWAY OH		-46			41
1	1.0	2	2.4	3	2.5	PIKE OH	148	4	157	73	48
5	1.6	4	1.1	6	1.6	PORTAGE OH	-33	46	-2	21	28
1	.6	4	2.6	7	4.1	PREBLE OH	339	59	597	97	82
1	.8	2	1.5	3	2.2	PUTNAM OH	85	45	167	75	41
8	1.9	7	1.3	10	1.9	RICHLAND OH	-29	42	1	23	35
5	1.7	6	2.0	7	2.3	ROSS OH	18	14	35	37	44
3	1.2	5	2.0	4	1.5	SANDUSKY OH	59	-24	21	31	26
6	1.5	11	2.7	18*	4.3	SCIOTO OH	76	61	183	77	84
3	1.1	5	1.9	4	1.5	SENECA OH	70	-21	34	37	26
		3	1.9	4	2.3	SHELBY OH		21			45
22	1.6	22	1.4	37	2.2	STARK OH	-11	58	40	38	43
37	1.9	46	2.1	70	3.3	SUMMIT OH	14	53	74	51	68
8	1.0	15	1.7	19	1.9	TRUMBULL OH	70	13	91	58	36
5	1.4	8	2.0	17	4.1	TUSCARAWAS OH	48	102	199	79	81
2	1.7	4	3.6	4	3.4	UNION OH	116	-7	102	61	70
1	.7	5	3.4	7	4.5	VAN WERT OH	385	31	538	97	85
		1	1.8	1	1.8	VINTON OH		0			33
3	1.7	3	1.3	14*	5.0	WARREN OH	-21	284	205	80	89
2	.8	5	2.0	3	1.1	WASHINGTON OH	139	-42	39	38	21
5	1.8	8	2.4	11	2.9	WAYNE OH	36	20	62	47	59
1	.7	5	3.3	4	2.5	WILLIAMS OH	374	-26	252	85	49
2	.7	7	2.2	11	3.1	WOOD OH	238	39	388	92	64
1	1.0	4	3.5	4	3.4	WYANDOT OH	242	-1	239	84	71
112	1.1	253	2.3	387*	3.1	OKLAHOMA OK	103	37	178		
		2	2.4	2	2.8	ADAIR OK		16			57
1	1.8					ALFALFA OK					
				3	4.5	ATOKA OK					85
		1	1.0	2	1.4	BECKHAM OK		48			26
3*	4.0			2	2.4	BLAINE OK			-39	08	47
1	.6	4	2.4	5	2.8	BRYAN OK	291	19	364	92	58
2	1.3	5	3.2	3	2.0	CADDO OK	143	-37	52	43	37
1	.8	1	.6	5	2.9	CANADIAN OK	-25	362	245	84	59
		6	2.9	6	2.7	CARTER OK		-9			53
		1	1.2	2	2.0	CHEROKEE OK		70			37
1	.9			1	1.0	CHOCTAW OK			7	25	20
		3*	13.0	1	5.6	CIMARRON OK		-57			92
2	1.2	9*	3.9	10	3.4	CLEVELAND OK	235	-12	195	79	71
2*	5.1	1	2.5	1	5.0	COAL OK	-50	98	-2	21	89
5	2.7	5	2.0	8	3.3	COMANCHE OK	-26	61	20	30	69
		2	4.0	1	2.2	COTTON OK		-46			41
		2	1.9	2	2.1	CRAIG OK		11			40
2	1.1	7	3.3	6	2.5	CREEK OK	196	-24	124	67	49
		2	1.9	4	3.2	CUSTER OK		67			68
1	1.4	1	.8	9*	6.6	DELAWARE OK	-39	697	389	93	95
		2	5.1			DEWEY OK					
		2	5.3			ELLIS OK					
5	2.1			11	3.8	GARFIELD OK			77	53	77
1	.8	2	1.5	8	4.5	GARVIN OK	92	212	500	96	85
1	.6	3	1.6	8	4.4	GRADY OK	194	168	688	98	84
1	1.6	2	4.2	2	3.4	GRANT OK	158	-17	113	64	72
				1	1.5	GREER OK					27
		1	2.7	2	4.8	HARMON OK		77			87
1	3.6	2	6.9	1	2.7	HARPER OK	91	-61	-26	13	54
1	1.8	1	1.4	3	5.4	HASKELL OK	-23	292	201	80	91
		2	1.8	2	1.7	HUGHES OK		-8			30
1	.9	3	2.9	5	4.6	JACKSON OK	206	60	390	93	66
		2	4.8	2	5.7	JEFFERSON OK		19			92
1	2.0	1	1.7			JOHNSTON OK	-13				
6	2.5	3	1.2	11	3.9	KAY OK	-54	237	55	44	78
				4	5.0	KINGFISHER OK					89
		2	2.2	1	.9	KIOWA OK		-59			19
1	2.4	2	3.3			LATIMER OK	36				
2	1.1	4	2.2	3	1.6	LE FLORE OK	110	-28	50	42	28
		4	3.5	1	.7	LINCOLN OK		-79			17
		1	1.1	2	1.8	LOGAN OK		57			32
				2	5.1	LOVE OK					90
1	1.3	3	4.2	4	4.9	MC CLAIN OK	215	17	269	86	88
2	1.7	3	2.7	3	2.3	MC CURTAIN OK	54	-14	31	35	44
		1	1.8	1	1.4	MC INTOSH OK		-22			26
1	1.9	2	4.2	2	3.6	MAJOR OK	124	-15	90	58	74
		1	2.0	2	3.6	MARSHALL OK		86			75
2	2.1	5	4.2	7	4.9	MAYES OK	99	18	135	69	88
2	2.8	4	5.1	3	4.1	MURRAY OK	80	-19	47	41	81
2	.8	9	3.3	9	3.2	MUSKOGEE OK	322	-3	310	90	67
1	1.6	1	1.9	6*	9.7	NOBLE OK	16	408	489	96	98
1	1.5	1	1.4			NOWATA OK	-8				
1	1.9	1	1.6	1	1.8	OKFUSKEE OK	-19	13	-9	19	32
21	1.5	41	2.7	66	3.5	OKLAHOMA OK	76	31	130	68	72
1	.6	1	.6	6	3.2	OKMULGEE OK	-9	469	416	94	67
1	.6	2	1.2	3	2.0	OSAGE OK	102	69	241	84	38
2	1.3	2	1.4	7	4.4	OTTAWA OK	4	221	234	83	84
1	1.4	3	3.3	5	5.3	PAWNEE OK	129	62	270	86	91
2	1.2	3	1.6	7	3.3	PAYNE OK	35	106	178	77	69
2	1.2	2	1.1	4	2.0	PITTSBURG OK	-9	85	69	49	37
1	.7	3	2.0	4	2.3	PONTOTOC OK	183	17	231	83	45
2	.9	4	1.7	4	1.8	POTTAWATOMIE OK	75	7	87	56	32
		4*	6.2	1	1.3	PUSHMATAHA OK		-79			23
		1	2.9			ROGER MILLS OK					
1	.9	2	1.8	7	5.1	ROGERS OK	108	181	483	95	89
		3	2.0	7	4.4	SEMINOLE OK		116			84
1	1.1	1	1.1	1	.8	SEQUOYAH OK	-4	-26	-29	12	18

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
											%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	.6	5	2.8	7	3.2	STEPHENS	OK	401	16	480	95	66
				4	5.3	TEXAS	OK					90
1	1.2	6*	7.4	1	1.7	TILLMAN	OK	535	-77	46	41	31
11	1.2	37	2.8	48	3.2	TULSA	OK	136	15	171	76	67
		2	2.2	4	3.8	WAGONER	OK		69			77
2	1.3	2	1.1	10	4.8	WASHINGTON	OK	-14	334	272	87	85
3	3.7	3	4.0	3	3.8	WASHITA	OK	6	-3	3	23	77
1	1.5	1	1.3	1	1.1	WOODS	OK	-10	-12	-21	15	21
3	3.7	3	3.6	7*	7.9	WOODWARD	OK	-3	119	112	63	97
120	1.5	225	2.4	342	3.0	OREGON	OR	63	28	108		
1	.9	3	3.6	2	2.0	BAKER	OR	305	-44	128	68	38
2	1.7	3	2.1	6	3.1	BENTON	OR	23	49	84	55	65
4	.8	11	1.8	35*	4.1	CLACKAMAS	OR	137	127	440	94	81
2	1.4	8*	4.4	7	3.8	CLATSOP	OR	224	-15	177	76	76
1	.6	4	2.8	2	1.2	COLUMBIA	OR	342	-57	89	57	22
6	2.5	4	1.9	4	1.1	COOS	OR	-24	-41	-55	04	21
				5*	8.1	CROOK	OR					97
		1	1.8	4	4.9	CURRY	OR		169			88
2	1.6	5	3.9	7	2.7	DESCHUTES	OR	137	-29	68	49	56
4	1.3	1	.3	7	1.8	DOUGLAS	OR	-78	508	37	37	33
		2	4.7	2	5.1	GRANT	OR		7			89
		2	5.3	1	2.2	HARNEY	OR		-58			42
				2	2.6	HOOD RIVER	OR					52
2	.5	10	2.1	16	2.4	JACKSON	OR	316	17	388	93	48
				1	2.0	JEFFERSON	OR					37
3	1.9	8	3.6	6	2.2	JOSEPHINE	OR	89	-40	14	28	41
2	1.0	6	2.6	7	2.9	KLAMATH	OR	171	13	206	80	60
		1	2.8			LAKE	OR					
3	.4	18	2.4	25	2.6	LANE	OR	460	7	500	96	51
1	.7	3	1.6	4	1.6	LINCOLN	OR	145	-6	131	68	28
3	1.2	8	2.6	13	3.3	LINN	OR	121	27	180	77	68
1	1.2	3	2.4	2	1.6	MALHEUR	OR	102	-34	33	36	28
12	2.1	18	2.6	30	3.4	MARION	OR	23	32	62	47	71
		1	3.9	1	3.9	MORROW	OR		2			78
57*	2.2	77*	2.8	104*	3.9	MULTNOMAH	OR	24	39	72	50	77
		4	2.6	3	1.6	POLK	OR		-40			28
1	1.5	1	.9	2	1.2	TILLAMOOK	OR	-38	33	-18	15	23
5	2.2	2	.8	6	2.2	UMATILLA	OR	-63	174	2	23	43
1	.9	3	2.9			UNION	OR	233				
				3	7.8	WALLOWA	OR					97
		2	1.8	5	4.1	WASCO	OR		124			81
5	1.3	14	3.0	22	2.9	WASHINGTON	OR	136	-2	132	68	61
2	1.0	2	1.0	8	3.2	YAMHILL	OR	-5	227	209	81	67
659	1.3	1010	2.0	1477	2.7	PENNSYLVANIA	PA	48	38	105		
2	.9	6	2.5	14*	4.9	ADAMS	PA	172	96	433	94	89
99	1.4	137	1.9	211	3.0	ALLEGHENY	PA	36	54	109	63	61
5	1.3	9	2.2	18	4.1	ARMSTRONG	PA	76	86	228	83	81
12	1.4	18	1.9	38	4.0	BEAVER	PA	35	106	178	77	79
1	.5	3	1.5	8	3.4	BEDFORD	PA	203	131	601	97	71
18	1.3	28	1.9	37	2.3	BERKS	PA	45	20	74	51	43
5	.7	5	.7	14	1.9	BLAIR	PA	4	167	177	77	35
10*	3.5	6	2.2	12	4.1	BRADFORD	PA	-37	81	15	28	81
12	1.5	31	3.0	53	3.4	BUCKS	PA	104	13	131	68	70
5	1.0	11	2.1	22	3.5	BUTLER	PA	115	70	265	86	73
8	.8	17	1.7	26	2.7	CAMBRIA	PA	115	56	235	83	55
		1	2.4			CAMERON	PA					
5	1.7	6	2.0	8	2.5	CARBON	PA	18	28	51	43	50
6	2.3	4	1.3	15*	4.4	CENTRE	PA	-41	223	90	58	84
11	1.4	17	2.0	19	1.6	CHESTER	PA	36	-16	14	28	30
4	2.3	4	2.0	8	4.0	CLARION	PA	-13	101	74	52	79
1	.2	11	2.6	13	3.1	CLEARFIELD	PA	1068	18	1277	99	65
1	.6	6	3.9	4	2.0	CLINTON	PA	557	-49	238	84	37
3	1.1	8	2.8	10	3.3	COLUMBIA	PA	163	20	215	81	69
12*	3.1	3	.8	9	2.1	CRAWFORD	PA	-75	177	-31	11	40
6	1.3	15	2.7	17	2.5	CUMBERLAND	PA	109	-9	90	57	49
8	.8	20	2.1	35	3.5	DAUPHIN	PA	156	65	322	90	72
27	1.5	55	2.4	62	2.6	DELAWARE	PA	59	7	70	50	51
1	.6	5	3.0	5	2.6	ELK	PA	411	-10	358	91	53
16	1.5	16	1.5	22	2.0	ERIE	PA	-1	33	32	36	36
14	1.6	22	2.5	23	2.6	FAYETTE	PA	63	4	69	49	53
		1	2.9	1	3.3	FOREST	PA		12			68
1	.3	8	1.9	13	2.6	FRANKLIN	PA	514	35	730	98	51
		2	4.1	1	1.6	FULTON	PA		-60			29
3	1.3	3	1.3	4	1.9	GREENE	PA	2	44	47	41	35
1	.5	3	1.6	12*	6.0	HUNTINGDON	PA	200	276	1036	99	93
1	.3	1	.2	6	1.5	INDIANA	PA	-23	549	399	93	26
2	.9	8	3.4	2	.8	JEFFERSON	PA	299	-78	-11	19	18
3*	4.0	1	1.2	5	5.8	JUNIATA	PA	-69	367	43	39	93
10	.7	19	1.6	28	2.2	LACKAWANNA	PA	124	34	200	80	42
9	.8	28	2.1	51	3.3	LANCASTER	PA	165	55	310	90	69
7	1.3	14	2.6	13	2.4	LAWRENCE	PA	103	-10	83	55	45
5	1.2	6	1.4	14	2.7	LEBANON	PA	13	98	124	67	55
13	1.2	16	1.3	35	2.6	LEHIGH	PA	8	99	115	64	53
19	1.1	21	1.2	35	1.8	LUZERNE	PA	12	50	68	49	33
5	.9	11	2.0	21	3.6	LYCOMING	PA	115	79	284	88	75
9*	3.1	3	1.2	8	2.7	MC KEAN	PA	-63	133	-13	18	55
10	1.9	13	2.2	20	3.2	MERCER	PA	19	44	71	50	67
4	1.9	3	1.4	4	1.6	MIFFLIN	PA	-26	19	-12	18	29
2	1.1	4	1.7	4	1.3	MONROE	PA	64	-23	27	33	24
32	1.7	34	1.4	81	2.9	MONTGOMERY	PA	-18	107	70	49	59
16	1.7	27	2.8	29	2.6	NORTHAMPTON	PA	64	-5	56	44	53
10	1.7	15	2.7	8	1.3	NORTHUMBERLAND	PA	54	-52	-26	13	23
2	1.6	3	2.6	5	3.4	PERRY	PA	58	34	112	63	71
128	1.5	162	2.1	170	2.5	PHILADELPHIA	PA	38	18	63	47	50
1	1.7	1	1.5	3	2.7	PIKE	PA	-11	72	52	43	53
1	.9	2	2.4	5	5.6	POTTER	PA	160	132	504	96	92
8	.8	13	1.3	18	1.8	SCHUYLKILL	PA	63	36	121	66	33

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
3	2.7	1	.8	4	3.2	SNYDER PA	-69	280	19	30	66
4	.9	13	3.1	12	2.7	SOMERSET PA	238	-13	194	79	55
1	2.9					SULLIVAN PA					
1	.6	2	1.1	1	.6	SUSQUEHANNA PA	84	-48	-5	20	17
3	1.7	6	3.3	10*	4.8	TIOGA PA	98	48	192	78	88
		1	.9	2	1.4	UNION PA		65			25
6	1.9	5	1.6	13	4.2	VENANGO PA	-14	160	124	67	82
3	1.2	4	1.6	7	2.7	WARREN PA	27	70	116	64	54
9	.8	19	1.7	35	3.2	WASHINGTON PA	108	84	282	87	67
2	1.2	6	3.4	10*	5.0	WAYNE PA	188	47	323	90	89
17	1.1	40	2.3	53	2.9	WESTMORELAND PA	112	24	163	74	59
		2	2.4	6	5.5	WYOMING PA		129			91
16	1.6	25	2.1	25	1.8	YORK PA	52	-13	14	28	33
52	1.3	76	1.8	123	2.7	RHODE ISLAND RI	37	50	105		
3	1.7	3	1.6	3	1.3	BRISTOL RI	-9	-16	-23	14	24
5	1.2	9	1.7	13	2.0	KENT RI	37	23	68	49	38
5	2.0	4	1.7	13	4.1	NEWPORT RI	-16	139	101	61	81
38	1.3	54	1.8	86	2.9	PROVIDENCE RI	37	58	116	64	60
1	.5	6	2.4	8	2.2	WASHINGTON RI	424	-9	378	92	42
62	1.3	121	2.2	208	2.9	SOUTH CAROLINA SC	67	37	129		
		5*	8.1	1	1.2	ABBEVILLE SC		-85			22
3	2.6	2	.8	11	5.0	AIKEN SC	-69	507	89	57	89
3	1.8	4	1.5	16	4.5	ANDERSON SC	-18	201	146	71	85
				3	8.3	BAMBERG SC					97
1	3.2	1	3.9	1	3.0	BARNWELL SC	22	-24	-7	20	61
		1	.7	1	1.2	BEAUFORT SC		71			22
1	1.0	3	4.4	1	1.6	BERKELEY SC	344	-63	64	48	30
		1	4.6	2	8.2	CALHOUN SC		78			97
7	2.4	10	2.8	13	3.1	CHARLESTON SC	16	10	28	34	65
3	3.4	2	1.8	4	3.1	CHEROKEE SC	-47	68	-10	19	64
1	1.0	1	1.2	2	2.7	CHESTER SC	20	116	159	73	54
		2	2.1	1	.9	CHESTERFIELD SC		-57			19
1	2.4	1	2.2	4*	8.2	CLARENDON SC	-7	265	241	84	97
1	1.4	1	1.4	6*	7.6	COLLETON SC	2	425	437	94	96
2	2.1	1	.7	2	1.6	DARLINGTON SC	-67	132	-22	14	29
		1	2.1			DILLON SC					
		1	2.1	6*	8.4	DORCHESTER SC		300			97
				1	2.8	FAIRFIELD SC					57
2	1.6	5	2.8	4	1.9	FLORENCE SC	79	-32	22	31	36
1	1.6	2	4.5			GEORGETOWN SC	174				
9	1.6	19	3.1	22	2.9	GREENVILLE SC	92	-6	79	53	59
1	.9	5	4.4	4	2.4	GREENWOOD SC	418	-46	181	77	47
		4*	9.3	3	8.5	HAMPTON SC		-8			98
1	.6	4	2.3			HORRY SC	288				
		2	2.5	2	2.7	KERSHAW SC		8			55
1	1.8	3	3.6	8*	5.4	LANCASTER SC	94	50	190	78	91
		1	.6	3	2.1	LAURENS SC		255			40
1	3.3			1	2.9	LEE SC			-12	18	59
3	2.0	1	.3	11	3.2	LEXINGTON SC	-86	1069	63	47	67
		1	3.9	2	2.6	MARION SC		-34			51
2	4.3	2	3.0	2	3.5	MARLBORO SC	-30	16	-19	15	72
2	2.2	1	.9	3	2.6	NEWBERRY SC	-59	189	18	29	52
		2	1.4	5	3.5	OCONEE SC		161			73
1	.7	4	3.3	7	4.6	ORANGEBURG SC	369	39	550	97	86
1	.4	2	1.1	4	1.7	PICKENS SC	158	46	275	87	30
6	1.5	5	1.1	13	2.5	RICHLAND SC	-27	130	67	49	48
		2	4.0	1	1.7	SALUDA SC		-58			31
4	.9	8	1.5	14	2.1	SPARTANBURG SC	62	40	128	67	40
1	1.1	2	2.0	3	2.5	SUMTER SC	86	25	133	69	49
1	1.2	3	3.2	1	.9	UNION SC	172	-73	-28	12	19
		3*	6.2	3	4.6	WILLIAMSBURG SC		-25			86
2	1.0	3	1.6	17*	6.2	YORK SC	54	289	501	96	94
59	1.7	88	2.6	107	3.0	SOUTH DAKOTA SD	48	17	72		
1	4.2			1	5.6	AURORA SD			34	37	92
3	2.8	3	2.9	8*	7.0	BEADLE SD	5	143	154	72	96
				1	8.3	BENNETT SD					97
		5*	8.8	3	5.1	BON HOMME SD		-42			90
3	3.0	2	2.1	2	1.5	BROOKINGS SD	-32	-28	-51	05	27
1	.5	3	2.4	2	1.2	BROWN SD	373	-50	134	69	22
		1	3.4			BRULE SD					
2	4.9			3	6.1	BUTTE SD			25	32	94
2	3.0	3	5.3	2	3.6	CHARLES MIX SD	77	-32	20	30	75
		2	4.0	1	2.4	CLARK SD		-40			47
		2	4.0	2	4.1	CLAY SD		2			81
2	2.0	1	1.0	9*	7.9	CODINGTON SD	-52	721	297	89	97
		1	3.9	2	7.0	CUSTER SD		82			96
1	1.1	5*	5.1	2	2.5	DAVISON SD	381	-51	137	70	49
3*	4.3	1	1.2	1	1.1	DAY SD	-72	-12	-76	00	20
		2	4.5	1	2.6	DEUEL SD		-42			52
		1	3.9	1	3.1	DOUGLAS SD		-22			64
		2	1.9	2	2.4	FALL RIVER SD		24			46
1	3.7	2*	5.7	1	4.3	FAULK SD	53	-26	14	28	83
				2	3.2	GRANT SD					67
		1	2.1	3	6.5	GREGORY SD		205			95
				1	6.6	HAAKON SD					95
		1	2.9	1	1.6	HAMLIN SD		-44			29
2*	5.6	3*	9.5			HAND SD	70				
1*	6.9					HARDING SD					
		4*	8.5			HUGHES SD					
1	1.7	1	1.3			HUTCHINSON SD	-26				
1*	5.9					HYDE SD					
1*	9.2					JACKSON SD					
2	3.5	1	1.6	3	4.9	KINGSBURY SD	-55	203	37	38	88
2	3.0	1	1.6	1	1.3	LAKE SD	-46	-22	-58	03	23
				3	3.4	LAWRENCE SD					71

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		2	2.7	1	1.1	LINCOLN SD		-59			21
		1	4.1			LYMAN SD					
1	2.8	1	2.8	2	6.0	MC PHERSON SD	2	111	115	64	93
		2	5.2	2	6.3	MARSHALL SD		22			94
2	3.0	1	1.7	2	3.0	MEADE SD	-44	81	1	23	62
1*	8.6					MELLETTE SD					
		2	5.9	4*	22.2	MINER SD		277			99
6	1.7	14*	3.8	13	3.0	MINNEHAHA SD	121	-21	74	51	61
1	2.2	2	4.5			MOODY SD	105				
3	2.0	3	1.7	11	4.8	PENNINGTON SD	-17	188	139	70	87
2*	6.2			1	3.6	PERKINS SD			-42	07	75
				2	7.7	POTTER SD					96
1	1.5	1	1.6			ROBERTS SD	3				
1	3.0					SANBORN SD					
1	1.3	2	2.9			SPINK SD	131				
				1	6.7	SULLY SD					95
4*	8.6	3*	6.2	4*	9.4	TRIPP SD	-28	52	9	26	98
2	2.4	4*	4.9			TURNER SD	105				
2	3.3			2	3.1	UNION SD			-6	20	65
1	2.3			1	1.9	WALWORTH SD			-19	15	35
2	1.7	2	1.8	3	3.1	YANKTON SD	8	67	80	53	64
157	1.3	275	2.0	456	2.8	TENNESSEE TN	53	39	112		
5	2.9	4	1.8	6	2.1	ANDERSON TN	-36	15	-27	13	40
2	2.0	4	3.8	6	4.8	BEDFORD TN	95	24	142	70	87
1	1.6	2	3.0			BENTON TN	80				
		1	3.0	1	2.1	BLEDSOE TN		-32			39
1	.4	5	2.1	10	3.0	BLOUNT TN	393	44	611	97	63
1	.8	3	2.0	6	3.0	BRADLEY TN	153	47	272	87	62
		5	3.8	4	2.4	CAMPBELL TN		-37			46
		1	2.2			CANNON TN					
2	1.7	1	.7	5	3.6	CARROLL TN	-57	405	115	64	74
7*	4.8	2	1.0	12*	5.4	CARTER TN	-80	467	13	27	91
		1	2.0	1	1.6	CHEATHAM TN		-20			28
1	2.4					CHESTER TN					
		2	2.1	8*	7.2	CLAIBORNE TN		240			96
		1	.9	2	1.6	COCKE TN		77			30
1	1.1	6*	5.3	3	2.0	COFFEE TN	386	-61	89	57	38
		1	2.1	2	2.8	CROCKETT TN		31			57
				4	2.8	CUMBERLAND TN					57
15	1.4	35	2.8	38	2.5	DAVIDSON TN	99	-10	79	53	50
1	2.0	2	4.3	1	1.5	DECATUR TN	120	-66	-24	13	27
		2	2.9	3	4.2	DE KALB TN		43			82
				2	1.7	DICKSON TN					30
5*	3.7	1	.7	4	2.4	DYER TN	-80	232	-35	09	48
1	2.6	1	2.9	1	2.0	FAYETTE TN	13	-32	-23	14	37
1	1.8	1	1.7			FENTRESS TN	-6				
		4	3.9	5	4.0	FRANKLIN TN		1			79
2	1.0	6	2.7	14*	6.2	GIBSON TN	177	129	534	96	94
		1	.8	1	.9	GILES TN		10			19
1	2.0	2	3.4	3	3.7	GRAINGER TN	67	10	85	55	76
1	.5	7	3.5	6	2.9	GREENE TN	540	-17	432	94	60
		2	3.7	2	3.3	GRUNDY TN		-9			70
		2	1.6	9*	5.7	HAMBLEN TN		244			92
5	.7	16	2.0	26	2.8	HAMILTON TN	173	41	284	88	56
		1	3.1	1	2.7	HANCOCK TN		-15			54
		2	2.6			HARDEMAN TN					
1	1.4	2	2.2	1	.9	HARDIN TN	57	-58	-34	09	19
2	1.7	9*	6.1	5	3.0	HAWKINS TN	260	-51	78	53	63
1	2.2			1	1.6	HAYWOOD TN			-29	12	28
2	1.6	1	.7	5	3.0	HENRY TN	-54	309	89	57	62
1	1.6			6*	8.5	HICKMAN TN			441	94	98
		1	1.8	2	2.3	HUMPHREYS TN		28			45
1	1.7			2	3.3	JACKSON TN			94	59	68
		1	1.0	5	4.0	JEFFERSON TN		305			79
1	1.6			2	3.5	JOHNSON TN			120	66	73
19*	2.2	24	2.4	30	2.6	KNOX TN	12	7	20	31	53
				2	5.3	LAKE TN					90
		2	2.6	2	4.0	LAUDERDALE TN		54			79
1	.8			7	4.6	LAWRENCE TN			467	95	86
				2	4.5	LEWIS TN					85
2	1.9	1	1.0	6	4.8	LINCOLN TN	-51	402	148	71	87
3	3.7	3	2.6	2	1.4	LOUDON TN	-29	-47	-62	02	25
4	3.0	4	2.7	11*	6.2	MC MINN TN	-10	132	108	62	94
		3	2.8	4	3.5	MC NAIRY TN		24			72
		1	1.3	2	2.3	MACON TN		84			45
		6	2.7	3	1.2	MADISON TN		-55			22
1	1.4			3	3.0	MARION TN			118	65	61
		1	1.2			MARSHALL TN					
1	.6			8	4.3	MAURY TN			596	97	83
				1	3.2	MEIGS TN					67
		1	.9	2	1.7	MONROE TN		89			31
		4	2.6	6	3.1	MONTGOMERY TN		21			64
				3*	15.4	MOORE TN					99
		1	1.4			MORGAN TN					
1	.7	5	3.2	6	3.8	OBION TN	374	17	453	95	77
		2	2.6	1	1.2	OVERTON TN		-56			22
1	4.8					PICKETT TN					
1	1.6	1	2.0	4*	6.9	POLK TN	19	251	317	90	95
3	2.3			3	1.6	PUTNAM TN			-31	11	28
		3	4.0	2	2.0	RHEA TN		-49			38
		7*	4.4	4	1.9	ROANE TN		-56			36
1	.9	2	1.7	3	1.8	ROBERTSON TN	77	7	88	57	32
4	2.7	7	3.8	3	1.3	RUTHERFORD TN	43	-66	-52	05	23
1	1.5	1	1.5			SCOTT TN	-4				
				3*	10.1	SEQUATCHIE TN					98
		4	3.4	2	1.5	SEVIER TN		-56			27
27*	2.3	21	1.5	51	3.0	SHELBY TN	-34	95	28	34	62
1	1.5					SMITH TN					
				1	2.5	STEWART TN					49

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
6	1.9	14	3.8	21	3.9	SULLIVAN TN	104	1	106	62	78
1	.6	4	2.0	7	2.8	SUMNER TN	223	43	362	92	58
		1	1.3			TIPTON TN					
1	4.1	1	5.0			TROUSDALE TN	22				
1	1.6	1	1.6	1	1.2	UNICOI TN	-5	-26	-30	11	22
				1	4.9	VAN BUREN TN					88
		1	.9	2	1.3	WARREN TN		38			23
7	2.3	3	.9	14	3.6	WASHINGTON TN	-60	294	57	45	74
				4	6.5	WAYNE TN					95
2	1.3	2	1.1	7	4.0	WEAKLEY TN	-15	261	208	81	80
2	2.7	1	1.2	1	.8	WHITE TN	-56	-31	-70	01	18
1	1.0	3	2.6	4	2.2	WILLIAMSON TN	152	-13	120	66	43
3	2.6	2	1.4	2	1.2	WILSON TN	-44	-18	-54	04	22
421	1.4	703	1.9	1163	2.7	TEXAS TX	37	38	89		
2	1.6	2	1.4	1	.6	ANDERSON TX	-13	-57	-63	02	17
1	1.4					ANDREWS TX					
		2	1.2	3	1.3	ANGELINA TX		3			23
		2	3.8	1	2.0	ARANSAS TX		-47			38
1	2.6			1	3.0	ARCHER TX			14	28	62
1*	8.8			2*	12.7	ARMSTRONG TX			44	40	99
1	1.2	1	1.2	2	2.1	ATASCOSA TX	7	75	86	56	41
1	1.4	1	1.4	3	3.1	AUSTIN TX	3	113	120	66	64
				3	5.9	BANDERA TX					93
		2	2.0	3	3.3	BASTROP TX		67			69
4*	10.8	1	2.3	1	2.0	BAYLOR TX	-79	-15	-82	00	37
		1	1.3	4	4.7	BEE TX		269			87
3	1.1	6	1.8	12	2.9	BELL TX	62	67	171	76	61
28	1.6	48	2.0	85	3.1	BEXAR TX	28	54	98	60	65
		1	3.8			BLANCO TX					
3	3.5	1	1.3	2	1.5	BOSQUE TX	-62	16	-56	04	27
5	2.5	9	4.0	5	1.7	BOWIE TX	59	-58	-32	10	31
4	2.6	6	2.6	6	1.9	BRAZORIA TX	-1	-27	-28	12	35
1	.9	4	2.8	3	2.0	BRAZOS TX	217	-29	123	67	36
		1	6.7			BRISCOE TX					
1	3.9	2*	6.9	3*	8.5	BROOKS TX	76	24	118	65	97
4	2.5	5	3.0	3	1.5	BROWN TX	21	-50	-39	08	27
1	2.0	2	4.1	1	1.5	BURLESON TX	106	-63	-23	14	27
		1	1.1	2	1.8	BURNET TX		55			32
2	2.4			4	4.2	CALDWELL TX			71	50	82
2*	3.3	1	2.8	1	1.8	CALHOUN TX	-17	-35	-47	06	33
		1	1.4	2	2.7	CALLAHAN TX		94			54
4	.9	5	1.0	8	1.1	CAMERON TX	7	15	22	31	21
		2	13.2			CAMP TX					
		2	5.6	2	5.8	CARSON TX		5			93
1	1.0	7*	6.5	3	2.7	CASS TX	531	-59	162	74	55
		1	4.0			CASTRO TX					
		1	2.0			CHAMBERS TX					
		1	.5	4	2.1	CHEROKEE TX		281			39
		1	1.8			CHILDRESS TX					
1	1.7			1	1.5	CLAY TX			-12	18	26
				1	6.2	COCHRAN TX					94
		1	4.1			COKE TX					
1	1.3	2	2.4	2	1.9	COLEMAN TX	90	-22	48	42	35
2	1.0	4	1.7	9	3.0	COLLIN TX	72	81	212	81	63
1	2.5					COLLINGSWORTH TX					
1	1.5	3	3.6	2	2.1	COLORADO TX	141	-41	43	39	40
				6	3.7	COMAL TX					75
				2	2.2	COMANCHE TX					42
1	3.6			3*	18.7	CONCHO TX			422	94	99
2	1.7	2	1.6	4	2.8	COOKE TX	-6	74	63	47	58
1	1.2	1	1.0	2	1.8	CORYELL TX	-16	75	47	42	32
1	5.0					COTTLE TX					
				2*	14.0	CROCKETT TX					99
		1	2.8	2	4.8	CROSBY TX		70			87
1	3.1			1	4.0	DALLAM TX			29	34	79
39	1.8	64	2.0	112	3.0	DALLAS TX	15	49	71	50	62
				3	4.1	DAWSON TX					81
				1	1.6	DEAF SMITH TX					28
2	1.1	5	2.2	4	1.4	DENTON TX	100	-36	28	34	25
1	1.0	3	2.4	7*	5.5	DE WITT TX	140	126	443	95	91
				2	5.4	DICKENS TX					91
1	2.8					DIMMIT TX					
		2	6.2			DONLEY TX					
1	1.6	1	1.4			DUVAL TX	-11				
3	1.9	7*	4.3	4	3.1	EASTLAND TX	127	-28	64	48	65
4	4.1	3	.7	10	2.5	ECTOR TX	-82	242	-40	08	48
				1	9.0	EDWARDS TX					98
5	2.6	8	4.0	3	1.4	ELLIS TX	55	-65	-46	07	25
12	1.7	14	1.6	25	2.4	EL PASO TX	-5	50	43	39	46
3	2.6	3	2.0	3	2.7	ERATH TX	-24	36	3	24	55
1	1.0	2	2.4	1	1.0	FALLS TX	146	-60	-1	22	19
1	.6	1	1.1	3	1.6	FANNIN TX	96	39	171	76	28
3	2.3			4	2.5	FAYETTE TX			10	26	50
2	5.0	2	4.2			FISHER TX	-16				
				4*	7.2	FLOYD TX					96
		2	1.7	5	2.2	FORT BEND TX		28			43
				1	2.1	FRANKLIN TX					40
				5*	6.6	FREESTONE TX					95
		1	1.7			GAINES TX					
7	2.1	12	2.7	14	2.3	GALVESTON TX	28	-16	9	26	44
		1	3.9	1	3.6	GARZA TX		-8			74
		1	1.3	3	4.1	GILLESPIE TX		229			81
				1	3.2	GOLIAD TX					66
2	2.3			4	3.9	GONZALES TX			72	51	78
3	2.3	5	4.8	6	4.0	GRAY TX	110	-16	77	52	60
1	.3	9	2.4	12	2.8	GRAYSON TX	771	17	915	99	58
4	1.7	4	1.7	13	4.1	GREGG TX	1	138	140	70	80
2	3.7			1	1.8	GRIMES TX			-52	05	33
1	1.1			5	2.8	GUADALUPE TX			165	75	57

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE				PERCENTILE RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	1970S
2	1.6	2	1.6	4	2.8	HALE TX	-3	78	72	51	56
		1	3.6			HALL TX					
		1	1.5	1	1.1	HAMILTON TX		-24			21
				1	4.0	HANSFORD TX					80
1	1.1	3	2.8			HARDIN TX	147				
46	1.7	84	2.3	135	2.8	HARRIS TX	39	19	67	48	57
3	2.8	1	.7	5	3.0	HARRISON TX	-75	318	6	25	61
1*	15.0					HARTLEY TX					
1	1.6			1	1.3	HASKELL TX			-17	16	24
		5*	5.7	2	1.9	HAYS TX		-67			34
		1	5.3			HEMPHILL TX					
1	1.0	5	4.3	2	1.0	HENDERSON TX	334	-76	4	24	20
5	1.1	6	1.0	21	2.6	HIDALGO TX	-11	169	138	70	52
4	2.7	1	1.2	8	5.9	HILL TX	-57	405	115	64	93
				1	1.4	HOCKLEY TX					24
		1	2.0	1	2.4	HOOD TX		18			47
2	1.6	2	1.8	3	2.0	HOPKINS TX	9	12	22	31	37
		2	2.7	2	1.9	HOUSTON TX		-30			35
1	.7	4	2.8	4	2.5	HOWARD TX	269	-10	232	83	49
1*	18.9					HUDSPETH TX					
6	3.2	4	1.9	8	3.3	HUNT TX	-40	69	1	22	69
1	.5	4	4.0	3	2.6	HUTCHINSON TX	641	-34	388	93	52
1*	18.6			1*	9.4	IRION TX			-50	05	98
1	2.3	2	3.5	4*	7.4	JACK TX	50	111	217	82	96
		1	1.7	3	5.1	JACKSON TX		196			90
1	1.1	1	.9	4	3.3	JASPER TX	-15	259	207	80	70
8	1.4	20	2.7	29	3.5	JEFFERSON TX	90	30	147	71	72
1	1.0	1	1.0	4	3.3	JIM WELLS TX	3	230	239	84	69
3	1.7	1	.5	6	2.3	JOHNSON TX	-72	381	33	36	43
1	1.0			4	3.2	JONES TX			234	83	67
		2	3.0	2	2.7	KARNES TX		-11			54
		1	.7	7	4.2	KAUFMAN TX		543			83
1	2.8	2	5.2	3	4.7	KENDALL TX	87	-9	71	50	87
1	.9	2	1.4	5	2.0	KERR TX	68	35	126	67	36
				1*	28.3	KING TX					99
2	2.5	1	2.1	1	1.4	KLEBERG TX	-15	-33	-43	07	26
		2	4.7	3	7.0	KNOX TX		50			96
2	1.1	6	3.6	5	2.2	LAMAR TX	236	-38	108	63	43
1	1.4	3	3.4	1	1.2	LAMB TX	139	-65	-16	16	22
		1	1.6			LAMPASAS TX					
2	1.9	2	1.6	5	3.3	LAVACA TX	-14	110	80	54	70
1	2.4					LEE TX					
		1	1.9	1	1.3	LEON TX		-31			24
4*	4.1	1	.7	5	2.7	LIBERTY TX	-83	295	-34	10	56
1	.8	4	4.2	1	.8	LIMESTONE TX	397	-81	-4	21	18
		2*	10.3			LIPSCOMB TX					
				1	1.9	LIVE OAK TX					36
		1	1.5	3	3.1	LLANO TX		109			63
6	1.6	8	1.7	16	2.6	LUBBOCK TX	4	54	60	46	52
		2	5.1	2	5.2	LYNN TX		1			90
				3	3.8	MC CULLOCH TX					77
5	.9	12	1.9	20	3.0	MC LENNAN TX	104	58	221	82	61
1*	16.9			1*	12.2	MC MULLEN TX			-28	12	99
1	3.6					MADISON TX					
				1	3.1	MARION TX					66
		2*	10.8			MARTIN TX					
		1	5.1	1	3.2	MASON TX		-38			66
1	1.3	1	.9	3	2.8	MATAGORDA TX	-28	207	121	66	57
				1	1.1	MAVERICK TX					21
		1	1.0	2	1.6	MEDINA TX		55			28
1	4.9	1	4.5			MENARD TX	-7				
3	2.9	3	1.4	6	3.0	MIDLAND TX	-50	108	3	23	61
		2	1.5	2	1.8	MILAM TX		25			34
		1	1.8			MILLS TX					
2	4.0			2	3.3	MITCHELL TX			-18	16	69
2	1.9	3	2.5	4	2.9	MONTAGUE TX	26	20	51	42	60
1	.9	1	.6	5	1.5	MONTGOMERY TX	-28	133	68	49	27
				2	2.7	MOORE TX					54
		1	2.1	2	3.9	MORRIS TX		87			78
		1	5.1			MOTLEY TX					
1	.8	1	.8	4	2.7	NACOGDOCHES TX	-3	245	235	84	54
1	.6	4	2.1	6	3.3	NAVARRO TX	242	57	438	94	68
		1	2.1	1	1.6	NEWTON TX		-26			29
1	1.3			2	1.9	NOLAN TX			45	40	35
3	.4	17	2.5	20	2.5	NUECES TX	571	0	571	97	48
		1	2.9	2	6.6	OCHILTREE TX		132			95
3	2.2	4	1.9	2	1.1	ORANGE TX	-15	-42	-51	05	21
1	1.0	1	.8	2	1.5	PALO PINTO TX	-18	80	48	42	27
1	1.5	2	2.4	5	5.7	PANOLA TX	60	136	278	87	92
		3	1.9	9	4.6	PARKER TX		143			86
		3*	7.3	2	4.6	PARMER TX		-37			86
		1	3.3			PECOS TX					
1	1.9			2	1.6	POLK TX			-14	17	29
7	2.2	14*	4.4	10	2.4	POTTER TX	101	-45	10	26	47
				1	3.2	RAINS TX					66
1	.6	1	.9	3	1.5	RANDALL TX	37	78	144	71	27
				1	6.1	REAL TX					94
1	1.2	2	2.0	1	1.0	RED RIVER TX	65	-51	-19	15	20
1	2.7					REEVES TX					
		1	1.8			REFUGIO TX					
1	1.5					ROBERTSON TX					
		1	3.2	2	5.3	ROCKWALL TX		66			91
2	2.4	1	1.3	1	1.1	RUNNELS TX	-48	-14	-55	04	21
1	.6	2	1.7	5	2.9	RUSK TX	178	75	385	93	60
				3	6.0	SABINE TX					93
		1	2.9	2	5.6	SAN AUGUSTINE TX		95			92
1	5.3			2	3.7	SAN JACINTO TX			-29	12	76
1	.8	5	3.4	6	3.0	SAN PATRICIO TX	322	-12	270	86	63
1	2.2					SAN SABA TX					
1*	7.6	1	6.7			SCHLEICHER TX	-12				
				1	1.2	SCURRY TX					22

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1	4.7					SHACKELFORD TX					
1	1.0	3	2.4	6	4.7	SHELBY TX	140	92	360	92	87
				1	6.7	SHERMAN TX					95
7	2.5	6	1.9	11	2.5	SMITH TX	-23	30	0	22	49
		1	3.9			SOMERVELL TX					
2	3.8			4	5.8	STAPR TX			53	43	93
				2	2.8	STEPHENS TX					58
2*	4.8	4*	8.7	1	2.1	SWISHER TX	82	-76	-56	04	40
26	1.8	43	2.4	85*	3.6	TARRANT TX	31	53	100	60	75
3	1.2	3	.9	8	2.0	TAYLOR TX	-25	127	70	50	37
		1*	7.4			TEPRELL TX					
1	1.5	1	2.3	3	4.8	TERRY TX	53	104	211	81	87
		1	4.9			THROCKMOPTON TX					
		1	1.2	2	2.0	TITUS TX		76			38
5	1.9	3	1.0	8	2.4	TOM GREEN TX	-46	135	27	34	47
6	1.0	8	1.0	16	1.7	TRAVIS TX	3	58	63	47	30
				2	3.8	TRINITY TX					76
1	1.5	2	3.1			TYLER TX	101				
3	3.5	3	2.9	4	2.9	UPSHUR TX	-18	2	-17	16	60
				1	5.2	UPTON TX					90
1	1.3	2	2.7	3	3.3	UVALDE TX	110	22	157	73	68
1	1.7	1	1.2	2	2.2	VAL VERDE TX	-32	87	28	34	42
1	.8	2	1.5	3	1.5	VAN ZANDT TX	88	-2	84	55	26
		2	1.3	2	1.6	VICTORIA TX		24			30
		2	2.6			WALKER TX					
		1	2.7	3	6.0	WALLER TX		124			93
				3	6.2	WARD TX					94
2	2.2	1	1.1	3	2.2	WASHINGTON TX	-51	107	1	22	42
2	1.0			7	2.6	WEBB TX			169	75	52
1	1.0	3	2.1	3	2.1	WHARTON TX	117	2	121	66	40
				1	1.9	WHEELER TX					36
5	1.3	16*	3.8	16	3.5	WICHITA TX	185	-7	164	74	72
4*	4.2	3	2.8	3	2.8	WILBARGER TX	-34	-1	-34	09	57
		1	2.0	3	4.2	WILLACY TX		111			83
5	3.2	3	1.7	10	4.2	WILLIAMSON TX	-48	148	28	34	82
		2	3.0	3	3.7	WILSON TX		25			76
		1	3.3	2	4.5	WINKLER TX		34			85
		3	2.7			WISE TX					
2	2.0	3	2.4	3	2.6	WOOD TX	19	7	27	33	52
				2	5.2	YOAKUM TX					90
		1	1.1	1	.8	YOUNG TX		-26			18
				1	2.8	ZAPATA TX					57
		1	2.1	1	3.0	ZAVALA TX		40			62
48	1.7	79	2.4	118	2.9	UTAH UT	41	21	71		
		1	1.1	5	4.7	BOX ELDER UT		335			86
3	2.4	4	2.9	4	2.2	CACHE UT	23	-24	-7	20	42
2	2.3	1	1.1	1	.9	CARBON UT	-53	-15	-60	03	19
3	3.2	2	1.2	11	3.8	DAVIS UT	-63	221	19	30	77
		1	3.0	1	2.4	DUCHESNE UT		-23			45
		2*	7.9	1	3.4	EMERY UT		-57			71
		1	6.7			GRAND UT					
		2	4.5	1	1.9	IRON UT		-58			35
1	4.4	2*	8.3			JUAB UT	89				
		3*	7.3	1	1.9	MILLARD UT		-74			35
				1	10.6	MORGAN UT					99
22	1.9	38	2.7	54	3.2	SALT LAKE UT	42	19	68	49	66
3*	5.1			2	3.3	SANPETE UT			-35	09	70
1	3.6	2*	7.3	1	4.0	SUMMIT UT	101	-45	11	27	80
		1	1.5	1	.9	TOOELE UT		-38			19
1	4.1			4*	8.7	UINTAH UT			111	63	98
8	2.4	9	2.8	10	2.0	UTAH UT	16	-27	-15	17	37
				1	4.0	WASATCH UT					80
1	2.1	2	3.3	1	1.2	WASHINGTON UT	59	-65	-44	07	22
		1*	11.9	1	7.9	WAYNE UT		-34			97
3	.8	7	1.6	17	3.5	WEBER UT	97	117	326	90	72
30	1.6	55	2.9	73	3.5	VERMONT VT	80	21	119		
		2	2.1	2	1.8	ADDISON VT		-15			33
2	1.5	3	2.0	5	2.9	BENNINGTON VT	30	46	90	57	59
1	.9	3	2.7	7*	5.4	CALEDONIA VT	203	104	519	96	91
7	2.7	10	3.6	10	3.2	CHITTENDEN VT	35	-10	21	31	68
2*	5.8			1	4.1	ESSEX VT			-28	12	82
2	1.4	1	.7	3	2.0	FRANKLIN VT	-47	174	44	40	37
				1	4.9	GRAND ISLE VT					89
				2	3.2	LAMOILLE VT					66
		5*	5.2	7*	6.8	ORANGE VT		31			95
		1	1.0	2	1.7	ORLEANS VT		81			31
3	1.3	11*	4.4	12	4.4	RUTLAND VT	246	1	248	85	84
1	.6	4	2.0	6	2.7	WASHINGTON VT	221	36	337	91	54
3	2.0	6	3.5	3	1.7	WINDHAM VT	78	-52	-14	17	30
9*	4.2	9*	4.1	12*	4.9	WINDSOR VT	-3	21	17	29	88
172	1.6	291	2.3	414	2.7	VIRGINIA VA	40	22	70		
3	2.3	6*	5.0	3	2.3	ACCOMACK VA	117	-54	0	22	45
5	2.6	2	.9	7	2.5	ALBEMARLE#VA	-64	179	-1	22	50
2	1.7	7*	5.5	1	.7	ALLEGHANY#VA	232	-87	-56	04	18
2	3.3	1	1.1	4	4.2	AMHERST VA	-67	290	29	34	82
1	2.7					APPOMATTOX VA					
9	2.6	14	2.5	18	2.8	ARLINGTON#VA	-3	12	8	26	57
6	2.2	9	2.9	14	3.4	AUGUSTA#VA	30	16	52	43	71
1	3.5			3*	10.3	BATH VA			190	78	98
7	1.8	11	2.4	21	4.0	BEDFORD#VA	38	64	126	67	79
1	3.4					BLAND VA					
3*	4.6			1	1.0	BOTETOURT VA			-78	00	20
1	2.8			1	3.9	BRUNSWICK VA			40	38	78
		1	1.3	7*	7.3	BUCHANAN VA		469			96
		2	5.1	1	2.7	BUCKINGHAM VA		-47			54

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WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
		1	3.3	1	1.9	CAROLINE VA		-43			35
3	1.5	4	1.9	9	3.6	CARROLL#VA	30	90	148	71	75
3*	6.2					CHARLOTTE VA					
15	1.7	19	2.0	20	2.2	CHESTERFIELD#VA	22	6	29	34	41
2*	6.1	1	3.5	1	2.6	CLARKE VA	-42	-26	-57	04	53
				1	6.9	CRAIG VA					96
1	1.8	1	1.6	5	6.4	CULPEPER VA	-8	288	256	85	94
2*	12.1			2*	10.2	CUMBERLAND VA			-16	16	98
1	1.2			1	1.4	DICKENSON VA			20	30	25
3	1.6	4	1.6	7	2.8	DINWIDDIE#VA	1	82	83	55	58
3	.5	18	1.9	39	2.8	FAIRFAX#VA	291	45	465	95	57
2	2.4	3	3.4	1	.9	FAUQUIER VA	42	-73	-61	02	19
				1	1.5	FLOYD VA					27
		4	3.7	2	1.4	FRANKLIN VA		-62			25
		3	1.6	9	4.5	FREDERICK#VA		174			85
2	2.8	2	2.6	1	1.9	GILES VA	-6	-27	-31	11	35
1	2.7			1	1.5	GLOUCESTER VA			-44	07	27
		3*	12.1	2	5.8	GOOCHLAND VA		-52			93
				1	4.6	GREENE VA					66
1	2.9			4*	10.3	GREENSVILLE#VA			259	86	98
1	1.2	1	.9	6	4.7	HALIFAX#VA	-21	399	293	89	87
		1	1.1	5	4.0	HANOVER VA		261			80
1	.2	6	1.6	15	3.0	HENRICO VA	585	81	1140	99	62
3	2.7	9*	6.0	2	.9	HENRY#VA	127	-85	-66	02	19
1	5.0	2*	12.4	1	5.1	HIGHLAND VA	148	-59	1	23	89
4*	11.9					ISLE OF WIGHT VA					
2	1.8	5	3.9	4	2.7	JAMES CITY#VA	121	-32	51	43	54
		1	6.3			KING AND QUEEN VA					
1	4.0					KING GEORGE VA					
		1	5.0	1	3.6	KING WILLIAM VA		-28			74
1	3.4	1	2.9			LANCASTER VA	-15				
2	1.6	4	3.0	4	3.0	LEE VA	83	1	85	55	63
		4	3.8	5	3.4	LOUDOUN VA		-11			71
		1	1.8	1	1.7	LOUISA VA		-11			30
1	2.5			1	2.9	LUNENBURG VA			18	29	60
		1	2.6	2	4.2	MADISON VA		63			82
		1	1.8	4*	8.6	MATHEWS VA		373			98
1	1.6			2	2.1	MECKLENBURG VA			32	36	40
		6	3.7	3	1.5	MONTGOMERY#VA		-61			26
1	2.1	1	1.7	1	2.5	NELSON VA	-17	44	18	30	49
1	1.9			1	2.5	NORTHAMPTON VA			28	34	49
1	2.6			1	1.6	NORTHUMBERLAND VA			-39	08	29
		1	1.8	3	5.7	NOTTOWAY VA		208			92
		2	3.6	3	4.5	ORANGE VA		23			85
		2	2.6	1	1.0	PAGE VA		-61			20
		1	1.5	2	2.6	PATRICK VA		75			51
9*	3.1	8	2.2	10	2.6	PITTSYLVANIA#VA	-29	18	-16	16	52
				1	2.5	POWHATAN VA					50
		1	2.5	3	7.2	PRINCE EDWARD VA		194			96
1	1.6	1	1.2	3	2.1	PRINCE WILLIAM#VA	-23	73	33	37	39
2	2.6	1	.8	5	4.1	PULASKI VA	-69	413	60	46	81
		1	4.9	1	3.4	RAPPAHANNOCK VA		-31			71
15*	2.8	18	2.6	24	3.0	ROANOKE#VA	-4	12	7	25	61
1	1.0	5	4.2	3	2.1	ROCKBRIDGE#VA	313	-49	111	63	40
3	1.5	4	1.6	4	1.5	ROCKINGHAM#VA	12	-9	2	23	27
2	1.7	3	2.7	4	3.5	RUSSELL VA	57	27	99	60	72
1	.9			2	1.4	SCOTT VA			62	47	25
1	.9	2	1.6	5	3.6	SHENANDOAH VA	76	123	293	68	74
1	.8	7*	5.0	5	3.5	SMYTH VA	525	-30	338	91	73
		3	5.7	2	3.5	SOUTHAMPTON#VA		-39			73
		1	.9	3	2.2	SPOTSYLVANIA#VA		138			42
		3	5.9	1	1.4	STAFFORD VA		-76			25
1	6.1	2*	8.6	1	4.1	SUSSEX VA	42	-52	-33	10	81
2	1.4	5	3.0	6	3.4	TAZEWELL VA	112	15	144	71	71
		2	3.6	4	5.8	WARREN VA		61			93
5	2.4	5	2.1	7	2.5	WASHINGTON#VA	-15	21	3	24	49
				1	1.5	WESTMORELAND VA					28
1	.6	11*	6.2	4	2.1	WISE#VA	955	-66	255	65	39
		2	2.1	5	4.1	WYTHE VA		95			81
19	2.0	26	2.1	36	2.5	CHESAPEAKE CITY#VA	6	18	25	33	49
5	2.6	2	.9	4	1.9	HAMPTON CITY VA	-65	102	-29	12	34
1	.8	4	2.1	10	3.5	NEWPORT NEWS CITY VA	160	64	326	90	72
1	1.6	7*	9.4	3	2.3	SUFFOLK CITY VA	485	-75	44	40	45
221*	1.7	342*	2.5	471	3.0	WASHINGTON WA	41	21	71		
		1	2.0			ADAMS WA					
1	1.1	2	2.7	2	2.3	ASOTIN WA	157	-15	118	65	44
1	.5	7	2.9	8	2.9	BENTON WA	464	2	475	95	61
3	1.5	3	1.3	3	1.2	CHELAN WA	-11	-10	-20	15	22
5*	3.7	3	1.5	4	1.6	CLALLAM WA	-59	4	-57	04	28
6	1.4	19*	3.8	17	2.7	CLARK WA	168	-29	91	58	56
1	3.2	1	4.0	2	6.4	COLUMBIA WA	28	58	102	61	94
2	1.2	8	2.7	18*	5.6	COWLITZ WA	124	107	364	92	92
				4	4.0	DOUGLAS WA					80
1	1.8	2	1.7	4	3.8	FRANKLIN WA	-3	122	117	65	77
				1	5.1	GARFIELD WA					90
3	3.0	1	.8	4	2.0	GRANT WA	-73	152	-32	10	38
3	.8	7	2.0	9	2.8	GRAYS HARBOR WA	137	38	228	83	57
1	1.2	5*	5.0	2	1.2	ISLAND WA	301	-76	-4	21	22
1	1.6	3	5.9	2	2.1	JEFFERSON WA	268	-64	31	35	39
77*	2.0	106	2.6	135	3.0	KING WA	31	18	54	44	63
3	.8	8	1.9	9	1.8	KITSAP WA	129	-2	125	67	34
2	1.9	2	1.8	2	1.9	KITTITAS WA	-7	3	-4	21	34
1	1.6	4*	5.5	1	1.1	KLICKITAT WA	248	-79	-28	12	21
5	1.8	5	1.9	9	3.1	LEWIS WA	6	64	73	51	64
		4*	6.9	1	1.4	LINCOLN WA		-79			25
		1	1.1	3	2.4	MASON WA		120			46
1	.7	4	2.9	3	1.9	OKANOGAN WA	299	-33	166	75	35
2	2.0	1	.9	6	5.2	PACIFIC WA	-55	483	160	73	90
1	2.3	3*	6.7	3	6.7	PEND OREILLE WA	189	0	191	78	95

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32*	2.4	41	2.8	59	3.5	PIERCE	WA	18	25	47	42	73
		2	5.8	1	2.1	SAN JUAN	WA		-64			39
4	1.4	5	1.7	10	2.9	SKAGIT	WA	20	67	100	60	59
9	1.2	22	2.6	37	3.4	SNOHOMISH	WA	119	29	182	77	70
24	1.9	31	2.2	52	3.5	SPOKANE	WA	19	58	87	56	73
		4	3.8	1	.8	STEVENS	WA		-80			18
8*	3.3	8	2.8	12	2.7	THURSTON	WA	-16	-2	-17	16	55
				1	3.8	WAHKIAKUM	WA					77
3	1.3	1	.4	5	2.1	WALLA WALLA	WA	-69	405	58	45	40
6	1.6	9	2.3	10	2.3	WHATCOM	WA	45	-3	41	39	43
4	2.9	2	1.5	6	4.4	WHITMAN	WA	-49	199	52	43	84
11	1.8	17	2.4	25	3.3	YAKIMA	WA	37	37	88	56	69
113	1.4	182	2.2	244	2.8	WEST VIRGINIA	WV	54	27	96		
		3	3.2	3	2.8	BARBOUR	WV		-14			56
		3	1.5	1	.5	BERKELEY	WV		-66			17
3	2.7	4	3.6	1	.8	BOONE	WV	32	-78	-70	01	18
				5	5.9	BRAXTON	WV					93
2	1.5			4	3.0	BROOKE	WV			95	59	62
7	1.5	8	1.6	15	2.9	CABELL	WV	7	79	92	58	60
				3	5.7	CALHOUN	WV					93
				2	4.3	DODDRIDGE	WV					83
4	1.7	10*	3.9	5	2.0	FAYETTE	WV	129	-49	16	29	37
		1	2.3			GILMER	WV					
		1	2.1	3	6.7	GRANT	WV		224			95
7*	4.4	4	2.6	8	4.2	GREENBRIER	WV	-41	62	-5	21	82
		3	4.7	3	4.3	HAMPSHIRE	WV		-10			83
1	1.0	3	1.8	5	2.8	HANCOCK	WV	87	57	195	79	58
		1	1.9	1	1.9	HARDY	WV		0			36
10	2.5	9	2.3	11	2.7	HARRISON	WV	-10	20	8	26	55
1	1.5	1	1.2	4	3.6	JACKSON	WV	-18	191	138	70	75
				3	2.5	JEFFERSON	WV					50
17	2.1	16	1.6	39	4.0	KANAWHA	WV	-24	151	91	58	79
2	1.7	3	2.2	3	2.4	LEWIS	WV	35	7	45	41	47
				1	.8	LINCOLN	WV					18
1	.5	1	.5	5	2.6	LOGAN	WV	0	385	387	93	52
1	.4	4	2.5	6	3.3	MC DOWELL	WV	525	30	711	98	69
5	1.6	15*	4.5	7	2.0	MARION	WV	185	-55	30	35	38
1	.5	4	2.1	8	3.9	MARSHALL	WV	291	84	619	98	79
3	3.0	1	1.0	5	4.0	MASON	WV	-68	323	35	37	80
7	2.7	10	3.5	6	2.1	MERCER	WV	28	-40	-23	14	40
				3	2.4	MINERAL	WV					46
3	2.0			2	1.3	MINGO	WV			-34	09	24
4	1.7	7	2.7	9	3.5	MONONGALIA	WV	62	29	108	62	73
1	1.2			2	3.2	MONROE	WV			167	75	67
1	2.6					MORGAN	WV					
1	1.0	3	2.6	1	.8	NICHOLAS	WV	171	-69	-16	16	18
3	.8	9	2.5	4	1.1	OHIO	WV	203	-54	40	38	22
		3*	6.3	2	4.0	PENDLETON	WV		-36			80
		1	3.0			PLEASANTS	WV					
1	1.6			2	3.0	POCAHONTAS	WV			91	58	63
4	2.7	4	2.9	2	1.4	PRESTON	WV	8	-53	-49	06	24
				7	5.3	PUTNAM	WV					90
4	1.2	8	2.6	4	1.3	RALEIGH	WV	116	-51	6	24	24
2	1.5	2	1.6	8*	5.7	RANDOLPH	WV	3	268	281	87	92
		2	3.8	3	3.8	RITCHIE	WV		0			77
1	1.0	3	3.0	1	1.0	ROANE	WV	208	-66	4	24	20
		1	1.2	1	1.2	SUMMERS	WV		0			22
		1	1.0	2	2.4	TAYLOR	WV		135			45
				2	3.4	TUCKER	WV					70
		1	1.3	1	1.6	TYLER	WV		24			29
1	.9	4	3.9	2	1.8	UPSHUR	WV	336	-53	103	61	33
4	2.5	3	1.7	3	1.5	WAYNE	WV	-31	-11	-39	08	28
1	1.5	3	4.7			WEBSTER	WV	216				
4*	4.0	4	3.9	3	2.9	WETZEL	WV	-2	-26	-27	13	60
		1	4.0	2	8.9	WIRT	WV		121			98
5	1.6	14*	4.0	17	4.3	WOOD	WV	156	7	173	76	83
1	.7	3	2.6	4	2.9	WYOMING	WV	254	8	283	88	58
263	1.4	403	2.0	595	2.8	WISCONSIN	WI	41	37	93		
1	1.3	2	2.5	2	2.1	ADAMS	WI	87	-15	58	45	40
5*	4.3	1	1.1			ASHLAND	WI	-74				
4	2.2	6	2.7	6	2.5	BARRON	WI	24	-5	17	29	50
		3	3.3	1	1.2	BAYFIELD	WI		-63			23
3	.8	11	2.1	16	2.7	BROWN	WI	175	28	252	85	54
1	1.2	3	3.4	5	5.6	BUFFALO	WI	186	67	376	92	92
		1	1.1	1	1.0	BURNETT	WI		-8			20
		1	.9	5	4.0	CALUMET	WI		363			79
2	.9	5	2.3	6	2.3	CHIPPEWA	WI	158	3	167	75	45
2	1.0	4	2.1	3	1.6	CLARK	WI	118	-22	71	50	30
2	1.0	4	1.8	7	3.1	COLUMBIA	WI	82	70	210	81	64
1	1.0	2	2.0	4	4.0	CRAWFORD	WI	100	102	304	89	80
8	1.1	25	2.8	27	2.7	DANE	WI	159	-3	153	72	55
6	1.8	10	2.8	10	2.6	DODGE	WI	61	-10	45	41	51
		3	2.0	5	3.4	DOOR	WI		67			71
7	2.6	2	.7	5	2.0	DOUGLAS	WI	-71	171	-23	14	37
1	.6	3	2.1	8	4.3	DUNN	WI	230	104	573	97	83
4	1.5	9	3.0	10	3.1	EAU CLAIRE	WI	101	2	105	62	65
1	4.1			1	2.8	FLORENCE	WI			-33	10	56
6	1.6	7	1.8	10	2.4	FOND DU LAC	WI	13	33	51	43	47
		1	2.1	1	1.8	FOREST	WI		-17			32
4	1.9	3	1.3	6	2.4	GRANT	WI	-34	89	25	32	46
2	1.3	5	3.2	3	1.8	GREEN	WI	141	-42	39	38	34
1	1.2	3	2.8	5	3.9	GREEN LAKE	WI	129	38	215	82	78
1	.8			5	4.2	IOWA	WI			396	93	62
1	1.7			2	4.2	IRON	WI			138	70	82
		2	2.0	5	5.1	JACKSON	WI		155			90
5	1.7	6	2.0	9	2.8	JEFFERSON	WI	14	43	63	47	58
2	1.6	2	2.1	5	3.8	JUNEAU	WI	33	82	141	70	77

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7	1.5	11	2.1	14	2.6	KENOSHA WI	44	22	75	52	51
3	3.2	2	2.0	2	1.8	KEWAUNEE WI	-39	-10	-45	07	33
5	1.5	6	1.6	10	2.6	LA CROSSE WI	8	57	70	50	51
1	1.0	4	4.4	2	2.1	LAFAYETTE WI	345	-53	108	62	39
4	3.2	2	2.1	6	4.5	LANGLADE WI	-35	118	42	39	85
		2	1.5	6	4.0	LINCOLN WI		159			80
5	1.4	6	1.5	7	1.5	MANITOWOC WI	9	3	12	27	28
7	1.7	8	1.8	17	3.5	MARATHON WI	5	95	105	62	74
2	1.0	4	1.9	8	3.1	MARINETTE WI	85	65	205	80	64
				2	2.1	MARQUETTE WI					40
5	1.5	3	.8	15	3.8	MENOMINEE#WI	-49	402	156	73	77
62	1.4	91	2.0	120	2.7	MILWAUKEE WI	41	33	88	56	55
2	1.0	2	1.1	8	4.1	MONROE WI	6	273	297	89	81
1	.8	3	2.6	5	3.2	ONEIDA WI	246	23	325	90	67
2	.5	8	1.9	15	3.1	OUTAGAMIE WI	285	63	529	96	64
3	2.2	3	1.8	5	2.1	OZAUKEE WI	-16	14	-4	21	40
		2	4.2			PEPIN WI					
		1	.7	2	1.3	PIERCE WI		88			23
1	.6	6	3.4	7	3.5	POLK WI	500	4	521	96	73
5	2.8	3	1.6	7	3.2	PORTAGE WI	-41	98	17	29	68
3*	5.5					PRICE WI					
10	1.8	15	2.3	20	2.9	RACINE WI	30	23	61	46	59
1	1.1	3	3.0	2	1.9	RICHLAND WI	181	-38	75	52	35
8	1.7	15	2.9	12	2.1	ROCK WI	72	-29	22	31	39
2	2.3	2	2.6	2	2.1	RUSK WI	16	-22	-10	19	39
3	2.1	3	1.8	7	3.9	ST CROIX WI	-11	112	89	57	78
2	.9	6	2.9	6	2.6	SAUK WI	217	-11	181	77	51
1	1.5	4*	5.4	4	3.9	SAWYER WI	255	-27	161	74	78
6	1.4	10	2.0	13	2.5	SHEBOYGAN WI	48	21	78	53	49
1	1.1	2	1.7	3	2.9	TAYLOR WI	60	67	167	75	59
4	2.5	6	3.9	7	4.2	TREMPEALEAU WI	56	7	66	48	82
4	2.5	3	1.6	6	3.2	VERNON WI	-36	99	27	33	67
1	1.7	2	2.0	2	2.6	VILAS WI	18	28	51	43	51
4	1.5	5	1.6	6	1.8	WALWORTH WI	6	14	20	31	33
1	1.6	4*	5.2	4	4.6	WASHBURN WI	221	-10	167	78	86
6	3.2	4	2.0	7	2.5	WASHINGTON WI	-39	25	-23	14	49
9	1.6	13	1.7	23	2.7	WAUKESHA WI	10	57	72	51	56
2	.9	1	.4	6	2.2	WAUPACA WI	-61	522	142	70	42
2	1.9			2	1.6	WAUSHARA WI			-18	16	29
5	1.0	6	1.1	16	2.7	WINNEBAGO WI	6	149	164	74	56
1	.4	8	2.8	16*	4.8	WOOD WI	618	72	1137	99	88
20	1.4	35	2.4	41	2.6	WYOMING WY	66	8	80		
4*	5.4	1	1.5	5	6.1	ALBANY WY	-73	319	13	27	94
				2	3.2	BIG HORN WY					66
		1	1.2	3	3.7	CARBON WY		207			75
		3*	7.1	1	3.1	CONVERSE WY		-56			65
		1	5.1			CROOK WY					
		4	4.5	3	2.6	FREMONT WY		-43			52
1	2.2	1	1.7	1	1.3	GOSHEN WY	-22	-24	-41	07	24
1	3.7			3*	7.8	HOT SPRINGS WY			111	63	97
1	.5	6	2.9	6	2.4	LARAMIE WY	488	-16	395	93	48
1	2.4	1	2.0	1	2.0	LINCOLN WY	-18	1	-17	16	37
3	1.7	7	3.7	3	1.3	NATRONA WY	123	-64	-20	15	24
		1	3.5	3*	13.8	NIOBRARA WY		291			99
2	2.6	3	3.2	2	1.7	PARK-TETON#WY	24	-48	-35	09	30
		1	2.1	1	2.2	PLATTE WY		0			41
2	1.6	1	.6	1	.8	SHERIDAN WY	-61	38	-46	06	19
2*	13.6					SUBLETTE WY					
		1	1.0	3	3.5	SWEETWATER WY		234			72
				1	2.3	UINTA WY					43
		2	6.5	1	2.4	WASHAKIE WY		-64			46

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
7783	1.0	13694	1.5	21596	1.8	UNITED STATES	42	26	78		
80	.8	172	1.4	284	1.7	ALABAMA AL	66	23	105		
		1	1.7	2	2.1	AUTAUGA AL		23			64
2	1.2	2	.8	5	1.2	BALDWIN AL	-32	39	-5	24	35
		1	1.2			BARBOUR AL					
1	2.0					BIBB AL					
1	.8			5	2.6	BLOUNT AL			252	88	78
		1	3.4	1	3.0	BULLOCK AL		-11			83
		2	2.1			BUTLER AL					
2	.6	7	1.9	10	2.0	CALHOUN AL	205	7	228	86	63
1	.7	3	2.0	5	2.1	CHAMBERS AL	168	8	189	81	66
1	1.0	3	2.2	5	3.1	CHILTON AL	120	40	208	84	85
1	2.6					CHOCTAW AL					
		1	1.3			CLARKE AL					
				2	2.6	CLAY AL					78
1	2.1	1	2.0			CLEBURNE AL	-8				
		1	.8	2	1.1	COFFEE AL		44			33
2	1.7	3	1.7	5	1.8	COLBERT AL	1	11	12	31	57
2*	3.6	1	1.9	2	2.8	CONECUH AL	-48	49	-22	18	81
				2	3.6	COOSA AL					89
1	.5	2	.9	1	.3	COVINGTON AL	86	-68	-41	10	21
		1	1.2			CRENSHAW AL					
		2	.8	6	1.6	CULLMAN AL		96			49
1	1.3			1	.6	DALE AL			-52	06	23
		2	1.4	2	1.1	DALLAS AL		-23			33
1	.6	4	1.6	3	.9	DE KALB AL	168	-45	48	48	28
3*	3.0			2	1.0	ELMORE AL			-68	02	29
		1	.7	2	1.5	ESCAMBIA AL		123			44
3	.9	5	1.1	19*	3.4	ETOWAH AL	32	195	289	91	67
		1	1.3	1	1.1	FAYETTE AL		-16			32
2	2.0	2	1.5	2	1.2	FRANKLIN AL	-25	-23	-43	10	35
2	2.0	2	1.6	5	3.4	GENEVA AL	-20	109	68	55	88
				1	2.5	GREENE AL					75
				1	1.8	HENRY AL					54
2	1.4	3	1.6	2	.7	HOUSTON AL	13	-57	-51	06	24
		3	1.7	2	.8	JACKSON AL		-50			26
15	.8	45	1.9	54	1.8	JEFFERSON AL	147	-7	129	72	55
2	3.6	2	2.3	3	3.1	LAMAR AL	-37	37	-13	21	85
2	1.0	4	1.6	11	2.9	LAUDERDALE AL	63	85	202	83	82
				5	3.8	LAWRENCE AL					91
1	1.1			4	2.1	LEE AL			100	64	66
		3	2.0	1	.5	LIMESTONE AL		-77			21
		1	2.5			MACON AL					
4	1.7	10	2.5	13	2.2	MADISON AL	46	-11	30	39	69
				3	4.1	MARENGO AL					92
		1	.7	3	1.8	MARION AL		155			56
3	1.7	1	.4	7	2.0	MARSHALL AL	-79	471	18	34	63
8	1.3	10	1.1	19	1.5	MOBILE AL	-16	36	14	32	44
2*	3.2			1	1.1	MONROE AL			-64	03	34
4	1.0	9	1.7	11	1.5	MONTGOMERY AL	74	-12	53	50	45
		3	1.0	10	2.6	MORGAN AL		162			78
				2	5.5	PERRY AL					96
		1	1.2	4	4.3	PICKENS AL		266			93
				2	1.5	PIKE AL					44
				2	2.1	RANDOLPH AL					65
1	1.2	2	1.7	1	.7	RUSSELL AL	48	-57	-36	12	25
1	1.0			1	.6	ST CLAIR AL			-44	09	22
				2	1.0	SHELBY AL					29
		1	2.5			SUMTER AL					
3	1.7	6	2.8	10	2.9	TALLADEGA AL	63	6	72	56	82
1	.7	7*	4.6	1	.5	TALLAPOOSA AL	534	-90	-35	13	21
		8	2.0	5	.9	TUSCALOOSA AL		-55			28
1	.5	1	.3	9	2.5	WALKER AL	-33	701	436	95	74
1	2.8			1	1.6	WASHINGTON AL			-45	09	47
1	2.8	1	3.4	1	1.3	WILCOX AL	18	-63	-56	06	38
1	1.5	1	1.3	2	1.9	WINSTON AL	-16	47	24	36	58
		1	.4	9	2.7	ALASKA AK		605			
25	.7	84	1.3	214	1.9	ARIZONA AZ	89	44	172		
1*	2.4			1	3.2	APACHE AZ			35	41	86
2	1.2	3	1.4	6	1.9	COCHISE AZ	23	36	67	54	60
		1	.7	2	1.4	COCONINO AZ		103			42
1	1.1	2	2.3	3	1.6	GILA AZ	105	-29	46	46	50
1	2.2			1	1.2	GRAHAM AZ			-44	09	37
1	2.9			1	2.5	GREENLEE AZ			-14	21	75
11	.5	54	1.4	137	2.0	MARICOPA AZ	171	40	280	90	63
		1	.8	4	1.5	MOHAVE AZ		91			44
				2	1.9	NAVAJO AZ					59
4	.6	17	1.2	44	1.9	PIMA AZ	85	57	191	82	57
		1	.4	5	1.5	PINAL AZ		278			45
1	.7	4	1.4	5	.9	YAVAPAI AZ	94	-35	27	38	29
3*	3.1	1	.9	3	.9	YUMA AZ	-70	-7	-72	02	27
51	.7	127	1.4	196	1.6	ARKANSAS AR	96	17	129		
1	1.0	2	1.9	5	3.5	ARKANSAS AR	91	82	247	88	88
				5*	4.5	ASHLEY AR					94
1	1.3	2	1.4	4	1.6	BAXTER AR	10	15	26	37	48
2	.9	3	.9	7	1.5	BENTON AR	2	63	68	54	43
1	.9	2	1.3	5	2.6	BOONE AR	54	98	205	83	78
				3	3.4	BRADLEY AR					88
		1	2.7	1	1.6	CALHOUN AR		-41			48
		2	2.0	3	2.1	CARROLL AR		7			65
2*	5.3			1	1.7	CHICOT AR			-67	03	53

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
2	2.4			2	2.3	CLARK	AR			-6	24	70
		4	2.8	4	2.6	CLAY	AR		-9			76
				3	3.6	CLEBURNE	AR					89
1	3.1	1	2.8			CLEVELAND	AR	-10				
		1	.7	2	1.3	COLUMBIA	AR		75			39
		2	2.6	6*	5.7	CONWAY	AR		116			97
4	1.9	5	2.1	9	2.7	CRAIGHEAD	AR	11	26	40	43	78
		3	2.3	2	.9	CRAWFORD	AR		-59			29
		5*	6.3	1	1.0	CRITTENDEN	AR		-84			31
1	1.4			4	3.8	CROSS	AR			166	78	91
				1	1.3	DALLAS	AR					40
		1	1.5	2	3.4	DESHA	AR		126			88
1	1.6	1	1.6			DREW	AR	-3				
2	2.0	1	.8	1	.5	FAULKNER	AR	-62	-34	-75	01	22
		1	1.3	2	2.4	FRANKLIN	AR		83			73
				2	2.7	FULTON	AR					79
4	1.4	4	1.1	7	1.4	GARLAND	AR	-26	28	-5	24	40
		1	2.0	3	3.1	GRANT	AR		55			84
1	.9			2	1.0	GREENE	AR			19	34	31
4*	4.7	1	.9			HEMPSTEAD	AR	-81				
				4	3.1	HOT SPRING	AR					84
		1	1.5			HOWARD	AR					
		1	.7	1	.6	INDEPENDENCE	AR		-15			23
		1	1.6	1	1.0	IZARD	AR		-38			30
		2	2.0	1	.8	JACKSON	AR		-59			27
		5	1.8	3	1.0	JEFFERSON	AR		-46			30
		2	1.7	1	.7	JOHNSON	AR		-60			24
		1	2.2			LAFAYETTE	AR					
		1	1.0			LAWRENCE	AR					
		1	2.3	1	2.0	LEE	AR		-14			62
1	3.0					LINCOLN	AR					
1	1.2	2	1.4	1	.5	LOGAN	AR	18	-62	-55	06	22
2	1.9	4	3.3	4	2.8	LONOKE	AR	76	-16	47	47	81
1	1.8	2	3.2			MADISON	AR	74				
		1	2.4	1	1.5	MARION	AR		-36			46
1	.7	2	1.4	6	3.0	MILLER	AR	84	120	306	91	83
		3	1.4	5	2.1	MISSISSIPPI	AR		48			64
1	2.6			2	3.6	MONTGOMERY	AR			42	45	89
				3	4.3	NEVADA	AR					94
		1	2.9			NEWTON	AR					
1	1.0	2	1.8	3	2.2	OUACHITA	AR	76	23	117	69	69
		1	2.9	1	2.2	PERRY	AR		-22			69
		3	3.3	1	1.0	PHILLIPS	AR		-69			31
2	3.0	1	1.2	2	1.5	POINSETT	AR	-60	27	-49	07	46
				2	1.2	POLK	AR					37
				5	2.7	POPE	AR					78
		1	1.7			PRAIRIE	AR					
7	.8	16	1.5	20	1.4	PULASKI	AR	83	-7	70	56	41
		1	1.4	1	.7	RANDOLPH	AR		-48			25
		1	1.7	3	3.3	ST FRANCIS	AR		100			87
1	.8	1	.6	4	1.8	SALINE	AR	-16	176	131	72	53
		2	3.8			SCOTT	AR					
1	2.9	2	4.0	5*	6.5	SEARCY	AR	40	63	129	72	98
		5	1.1	9	1.6	SEBASTIAN	AR		52			48
				2	2.2	SEVIER	AR					67
		1	1.8			SHARP	AR					
				1	1.6	STONE	AR					48
2	1.2	4	1.9	8	2.5	UNION	AR	59	30	106	66	75
		1	1.7	1	.8	VAN BUREN	AR		-55			26
1	.3	5	1.3	6	1.4	WASHINGTON	AR	344	1	347	93	40
1	.7	4	1.7			WHITE	AR	153				
1	2.2					WOODRUFF	AR					
		3	3.2	1	.7	YELL	AR		-79			24
719*	1.1	1346*	1.6	2218*	2.0	CALIFORNIA	CA	38	28	76		
43	1.0	99*	2.1	105	2.0	ALAMEDA	CA	101	-5	92	62	61
		1	1.3	2	1.6	AMADOR	CA		24			47
1	.2	12	1.8	18	2.1	BUTTE	CA	641	11	724	98	64
1	1.8	1	1.0	2	1.4	CALAVERAS	CA	-47	45	-23	17	42
		1	1.5			COLUSA	CA					
13	1.1	22	1.1	55	2.0	CONTRA COSTA	CA	6	79	89	61	63
1	1.8	1	1.6	4*	4.9	DEL NORTE	CA	-15	215	169	78	96
				4	1.3	EL DORADO	CA					38
13	1.0	22	1.3	46	2.0	FRESNO	CA	28	58	102	65	63
2	2.4	1	1.0	2	1.6	GLENN	CA	-58	60	-33	13	48
2	.6	6	1.4	5	1.0	HUMBOLDT	CA	134	-30	63	53	30
2	1.1	3	1.5	2	.6	IMPERIAL	CA	44	-59	-41	10	23
		1	1.6	2	1.6	INYO	CA		0			49
8	1.1	9	.8	42	2.6	KERN	CA	-31	242	135	73	76
6*	3.6	10*	4.7	6	2.1	KINGS	CA	31	-56	-43	10	64
2	1.6	1	.6	4	1.4	LAKE	CA	-63	127	-16	20	40
				1	1.2	LASSEN	CA					37
329*	1.2	501	1.5	739*	2.0	LOS ANGELES	CA	23	32	63	53	62
		1	.6	6	2.2	MADERA	CA		289			69
7	1.5	11	1.4	26	2.4	MARIN	CA	-7	72	60	52	72
1	.4	3	1.1	4	1.2	MENDOCINO	CA	162	15	200	83	36
		8	2.4	6	1.3	MERCED	CA		-46			39
		1	2.4			MODOC	CA					
				1	3.9	MONO	CA					91
10	1.9	14	1.6	26	2.3	MONTEREY	CA	-12	40	23	36	70
		6	1.3	15	2.5	NAPA	CA		90			74
1	.9	2	1.2	8	2.2	NEVADA	CA	35	88	153	76	68
18	1.0	68	1.5	155	2.0	ORANGE	CA	58	33	109	67	63
1	.5	4	1.0	6	1.3	PLACER	CA	118	34	191	81	39
		2	3.6	1	1.1	PLUMAS	CA		-69			34
17	1.6	35	1.6	71	1.9	RIVERSIDE	CA	-1	20	19	35	58
15	1.0	33	1.5	81*	2.5	SACRAMENTO	CA	59	65	163	77	76
		4*	4.8	1	1.0	SAN BENITO	CA		-79			31
16	1.0	41	1.4	71	1.8	SAN BERNARDINO	CA	47	25	83	60	54
46	1.3	89	1.7	165	2.0	SAN DIEGO	CA	23	20	48	47	62

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WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
57	1.3	79	1.6	102	2.2	SAN FRANCISCO CA	29	36	75	57	69
8	.9	17	1.3	39	2.4	SAN JOAQUIN CA	51	85	179	80	73
6	1.7	7	1.2	14	1.7	SAN LUIS OBISPO CA	-26	39	3	28	51
18	1.3	44	2.1	72*	2.4	SAN MATEO CA	58	18	86	61	73
7	1.1	14	1.3	25	1.6	SANTA BARBARA CA	21	23	48	47	47
23	1.2	59	1.8	90	2.0	SANTA CLARA CA	56	9	69	55	61
4	.7	15	2.1	32*	2.7	SANTA CRUZ CA	224	26	309	92	79
1	.5	2	.8	7	1.4	SHASTA CA	59	76	180	80	40
		1*	5.1	1	12.4	SIERRA CA		145			99
1	.7	1	.6	5	2.3	SISKIYOU CA	-15	266	212	84	70
3	.7	10	1.9	13	1.7	SOLANO CA	180	-11	149	75	51
10	1.3	24	2.1	37	2.1	SONOMA CA	64	0	64	53	65
8	1.3	10	1.1	26	2.0	STANISLAUS CA	-13	83	58	52	61
1	.8	4	2.4	8	3.7	SUTTER CA	190	57	355	94	90
		1	.5	1	.5	TEHAMA CA		-11			22
				1	1.6	TRINITY CA					47
10	1.6	21*	2.5	22	2.0	TULARE CA	58	-20	27	38	61
		1	1.1	3	1.9	TUOLUMNE CA		71			58
4	.6	13	1.1	30	1.6	VENTURA CA	80	45	160	77	48
2	1.1	5	1.8	6	1.4	YOLO CA	70	-24	29	39	41
1	.9	5*	3.6	2	.9	YUBA CA	311	-76	0	26	27
62	.9	137	1.5	242	2.0	COLORADO CO	69	34	126		
2	1.0	10*	3.1	9	1.5	ADAMS CO	220	-52	54	50	45
				2	4.3	ALAMOSA CO					93
		1	2.7			BACA CO					
				1	2.5	BENT CO					74
3	1.0	11	2.4	16	2.4	BOULDER CO	137	3	143	75	73
				2	2.4	CHAFFEE CO					74
				1	2.6	CONEJOS CO					77
1	1.2	1	.7	3	1.9	DELTA CO	-42	177	62	53	58
27	1.0	54	1.5	85	2.1	DENVER-ARAPAHOE#CO	57	35	112	67	65
1*	5.4					DOUGLAS CO					
				1	4.2	ELBERT CO					93
7	1.5	15	2.2	26	2.5	EL PASO CO	51	12	70	55	74
3	2.2	1	.4	6	2.4	FREMONT CO	-80	441	10	31	73
1	2.0			2	2.1	GARFIELD CO			8	30	66
1	1.7			1	3.3	HUERFANO CO			97	63	86
				1*	18.6	JACKSON CO					99
		8	1.1	19	1.6	JEFFERSON CO		52			49
				2	4.1	KIT CARSON CO					93
		1	5.3			LAKE CO					
		2	2.3			LA PLATA CO					
2	.7	8	2.3	16	2.7	LARIMER CO	205	18	262	88	79
1	1.0	1	.8	1	.9	LAS ANIMAS CO	-15	4	-11	22	27
1	4.0	1	3.0			LINCOLN CO	-23				
				2	1.6	LOGAN CO					49
3	1.3	3	.9	4	.9	MESA CO	-32	2	-31	14	28
1	3.1	1	1.8			MONTEZUMA CO	-42				
1	1.3	2	2.4	5	4.3	MONTROSE CO	78	80	220	85	93
				3	2.0	MORGAN CO					62
1	.9			3	1.7	OTERO CO			97	64	53
				1*	8.0	OURAY CO					99
				1	6.7	PARK CO					98
		1	2.7			PHILLIPS CO					
		1*	17.2			PITKIN CO					
		1	1.5	2	3.3	PROWERS CO		119			86
2	.4	9	1.6	10	1.4	PUEBLO CO	287	-15	227	86	41
1	2.3			2	4.5	RIO GRANDE CO			96	63	94
1	3.5			2	4.9	ROUTT CO			40	44	95
				2*	9.4	SEDGWICK CO					99
				1*	12.2	SUMMIT CO					99
2	.7	5	1.2	9	1.8	WELD CO	79	49	167	78	55
				1	1.8	YUMA CO					56
161*	1.4	236	1.6	396*	2.1	CONNECTICUT CT	16	33	54		
32	1.1	65	1.7	105	2.1	FAIRFIELD CT	55	27	97	64	67
53*	1.8	78*	2.0	117*	2.4	HARTFORD CT	13	19	34	41	72
6	1.0	7	.8	18	1.8	LITCHFIELD CT	-15	117	85	60	54
2	.5	7	1.2	16	2.0	MIDDLESEX CT	165	69	348	94	63
53*	1.7	58	1.5	84	1.7	NEW HAVEN CT	-9	14	3	28	52
8	1.0	11	1.1	22	1.8	NEW LONDON CT	11	63	81	59	54
1	.3	4	1.3	14*	3.2	TOLLAND CT	275	155	858	99	86
6	1.6	6	1.3	20*	3.5	WINDHAM CT	-22	177	117	69	88
13	.8	26	1.2	51	1.9	DELAWARE DE	50	53	130		
1	.5	6	2.6	3	.8	KENT DE	388	-69	50	49	26
10	.9	16	1.1	35	1.9	NEW CASTLE DE	20	80	115	68	60
2	.7	4	1.0	13	2.7	SUSSEX DE	42	166	279	90	78
39	1.3	38	1.4	42	1.8	DIST. OF COLUMBIA DC	9	29	40		
39	1.3	38	1.4	42	1.8	WASHINGTON DC	9	29	40	44	57
158	.9	471	1.4	929	1.5	FLORIDA FL	54	12	72		
1	.5	4	1.6	6	1.7	ALACHUA FL	222	7	243	88	52
1	.6	5	2.1	5	1.3	BAY FL	240	-39	107	66	38
1	2.2			1	1.1	BRADFORD FL			-50	06	33
1	.4	11	2.1	13	1.0	BREVARD FL	449	-53	160	77	31
5	.4	36	1.1	112	1.5	BROWARD FL	177	35	272	89	45
1	.7	3	.9	4	1.2	CHARLOTTE FL	24	25	56	51	34
		4	1.9	7	1.6	CITRUS FL		-18			46
				4	1.8	CLAY FL					54
		1	.7	8	1.7	COLLIER FL		127			51
		1	1.3	2	1.8	COLUMBIA FL		31			54
33	.9	90	1.4	173	1.7	DADE FL	49	19	78	58	50
				1	.8	DE SOTO FL					27

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				1	3.3	DIXIE	FL					87
12	1.0	25	1.5	49	2.1	DUVAL	FL	45	40	103	65	66
3	.8	11	1.9	13	1.6	ESCAMBIA	FL	134	-18	91	62	46
		1	3.6			FLAGLER	FL					
		1	2.1	1	1.7	FRANKLIN	FL		-18			53
1	.9			2	1.4	GADSDEN	FL			53	50	42
1*	3.6			1	2.3	GULF	FL			-37	12	70
				1	3.4	HAMILTON	FL					87
		1	1.7	3	3.2	HARDEE	FL		95			86
				1	.5	HERNANDO	FL					22
2	1.7	2	.9	4	1.0	HIGHLANDS	FL	-47	12	-41	10	30
18	1.4	25	1.2	46	1.5	HILLSBOROUGH	FL	-16	27	6	29	45
		1	1.5	1	1.3	HOLMES	FL		-13			39
		1	.5	6	1.5	INDIAN RIVER	FL		210			45
2	1.8	1	.7	3	1.7	JACKSON	FL	-61	137	-9	23	51
		1	3.5	1	2.2	JEFFERSON	FL		-37			69
1*	7.2	1*	5.3			LAFAYETTE	FL	-27				
4	1.7	6	1.4	6	.6	LAKE	FL	-18	-54	-63	04	23
4	1.9	5	.9	26	1.8	LEE	FL	-53	101	-6	24	54
1	.7	4	1.8	6	1.7	LEON	FL	172	-5	157	76	51
		2	2.9			LEVY	FL					
		1*	8.6			LIBERTY	FL					
		1	1.9			MADISON	FL					
3	.5	9	1.0	21	1.4	MANATEE	FL	87	37	156	76	40
1	.5	4	1.5	10	1.5	MARION	FL	177	4	189	81	45
2	3.5	1	.5	6	1.3	MARTIN	FL	-86	162	-64	03	37
1	.4	2	1.0	5	1.5	MONROE	FL	136	50	254	88	45
1	3.0			2	1.7	NASSAU	FL			-44	09	50
				2	.7	OKALOOSA	FL					24
				2	3.0	OKEECHOBEE	FL					83
3	.4	23	1.5	42	1.9	ORANGE	FL	309	25	410	95	58
		3	2.4	5	1.4	OSCEOLA	FL		-43			40
10	1.1	23	1.1	70	1.7	PALM BEACH	FL	0	50	50	48	51
1	.7	5	1.0	13	1.0	PASCO	FL	31	0	31	40	29
26	1.0	86	1.6	118	1.6	PINELLAS	FL	61	-5	52	49	46
7	.9	23	2.0	33	2.0	POLK	FL	115	1	117	69	64
		3	1.8	1	.4	PUTNAM	FL		-77			21
1	.9	2	1.2	4	1.2	ST JOHNS	FL	31	2	34	41	36
		2	.6	4	.8	ST LUCIE	FL		21			26
1	1.4	1	.8	1	.7	SANTA ROSA	FL	-43	-11	-49	07	25
1	.3	11	1.1	35	1.5	SARASOTA	FL	266	27	365	94	43
		4	1.5	8	1.2	SEMINOLE	FL		-19			36
		2	3.1	2	1.0	SUMTER	FL		-68			30
1	3.2			2	3.2	TAYLOR	FL			-1	26	86
6	.8	22	1.5	34	1.6	VOLUSIA	FL	86	7	100	64	49
				1	2.4	WAKULLA	FL					74
1	1.9			1	1.0	WASHINGTON	FL			-48	07	29
108	.9	192	1.3	348	1.7	GEORGIA	GA	37	33	83		
		2*	9.9			ATKINSON	GA					
				2	3.5	BACON	GA					88
1	.5			1	.6	BALDWIN	GA			19	34	23
				2	4.5	BANKS	GA					94
1	1.4	1	1.2	4	3.7	BARROW	GA	-13	205	165	77	90
1	1.1			3	1.8	BARTOW	GA			71	56	56
		2	4.2			BERRIEN	GA					
3	.8	5	1.1	9	1.5	BIBB	GA	39	40	94	62	44
		1	3.8			BRANTLEY	GA					
1	1.6			1	.7	BULLOCH	GA			-57	05	24
1	2.5	1	2.5	3*	5.5	BURKE	GA	0	123	123	71	96
1	3.1	2*	6.7	2	2.9	BUTTS	GA	116	-57	-6	23	82
				1	3.7	CAMDEN	GA					90
				1	1.9	CANDLER	GA					59
2	1.4	4	2.1	4	1.7	CARROLL	GA	51	-17	25	36	52
		1	.9			CATOOSA	GA					
				2*	7.5	CHARLTON	GA					98
3	.7	9	1.6	9	1.2	CHATHAM	GA	134	-25	75	57	35
		1	1.1	6*	5.3	CHATTOOGA	GA		381			96
		2	1.8	5	2.9	CHEROKEE	GA		59			81
4*	3.5	4	2.4	4	1.8	CLARKE	GA	-33	-24	-49	07	55
1	1.1	2	1.6	8	2.0	CLAYTON	GA	42	27	80	59	61
5	1.7	5	1.2	11	1.5	COBB	GA	-29	20	-15	20	43
		2	2.7	1	.8	COFFEE	GA		-69			27
3*	2.9			4	2.1	COLQUITT	GA			-27	16	67
				3	5.3	COLUMBIA	GA					96
				4*	7.4	COOK	GA					98
1	1.1	3	2.6	4	2.2	COWETA	GA	137	-14	104	66	69
				1	4.5	CRAWFORD	GA					94
				1	1.8	DADE	GA					54
1*	6.4					DAWSON	GA					
		2	2.6			DECATUR	GA					
12	2.0	20	1.8	37	2.4	DE KALB	GA	-13	35	17	33	72
		1	1.5	4*	4.5	DODGE	GA		192			94
		1	2.0	1	2.1	DOOLY	GA		5			66
1	.8	4	2.7	7	2.9	DOUGHERTY	GA	218	6	239	87	81
				2	1.3	DOUGLAS	GA					40
		1	2.6	1	1.6	EARLY	GA		-36			49
		1	1.3	1	.9	ELBERT	GA		-29			28
				2	1.9	EMANUEL	GA					60
				1	2.3	EVANS	GA					70
		1	2.5	1	1.1	FAYETTE	GA		-56			33
2	.8	4	1.2	5	1.2	FLOYD	GA	46	3	50	48	35
		1	1.5			FORSYTH	GA					
		2	2.7	4	4.6	FRANKLIN	GA		66			94
22	1.3	28	1.3	44	1.9	FULTON	GA	5	42	50	48	58
		1	2.1			GILMER	GA					
1	1.2	2	1.9	4	1.9	GLYNN	GA	62	1	62	53	59
		1	.9	1	.9	GORDON	GA		-3			27
		1	1.3	2	2.1	GRADY	GA		66			64
		1	2.5	1	2.3	GREENE	GA		-9			70

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
3	2.0	1	.6	11	2.6	GWINNETT GA	-72	363	30	39	77
1	1.3	1	1.1	2	1.5	HABERSHAM GA	-12	39	22	35	46
2	1.2	5	2.2	1	.3	HALL GA	89	-88	-77	01	21
		1	1.2	1	1.1	HARALSON GA		-9			33
				3	2.9	HAPT GA					82
1	2.1	1	1.3	4	4.0	HENRY GA	-37	202	90	61	92
		1	1.7	6	3.7	HOUSTON GA		121			90
		3	3.1	1	.8	JACKSON GA		-74			26
				1	2.5	JASPER GA					74
				2	3.5	JEFFERSON GA					88
				1	3.3	JENKINS GA					87
		2*	4.6			LAMAR GA					
1*	6.1					LANIER GA					
		2	2.0	1	.6	LAURENS GA		-68			23
1*	7.4					LEE GA					
				1	3.8	LIBERTY GA					91
		2	1.4	2	.9	LOWNDES GA		-39			28
				1	1.9	LUMPKIN GA					59
				4*	5.6	MC DUFFIE GA					97
		1	2.4	1	3.4	MACON GA		38			87
		1	1.6			MADISON GA					
				1	5.7	MARION GA					97
		2	2.9	5*	6.1	MERIWETHER GA		106			97
1	2.0	1	2.0			MITCHELL GA	2				
		1	3.4	2	3.8	MONROE GA		10			91
1	3.5	1	3.1	1	3.8	MORGAN GA	-11	23	9	30	91
		3	.7	7	1.2	MUSCOGEE#GA		74			37
2	3.3	2	2.4			NEWTON GA	-28				
		3*	8.4			OCONEE GA					
		1	2.4	2	5.2	OGLETHORPE GA		117			96
				1	1.0	PAULDING GA					31
		2*	5.8			PEACH GA					
				1	1.6	PIEPCE GA					47
		2*	6.1			PIKE GA					
2	1.8			2	1.0	POLK GA			-42	10	31
		1	7.5			PULASKI GA					
		1	5.0			PUTNAM GA					
				1	1.2	RABUN GA					36
3	.9	6	1.6	11	2.0	RICHMOND GA	69	28	116	69	62
				5*	5.0	ROCKDALE GA					96
2*	22.1					SCHLEY GA					
		1	2.0			SCREVEN GA					
		1	4.1			SEMINOLE GA					
1	.7	3	1.8	4	2.1	SPALDING GA	145	14	180	80	65
2	2.9	1	1.2	3	2.7	STEPHENS GA	-58	126	-4	24	79
1	1.7	1	1.6	5	4.5	SUMTER GA	-3	172	164	77	94
1*	5.0					TALBOT GA					
1*	10.7					TALIAFERRO GA					
				1	1.2	TATTNALL GA					37
		1	4.5			TAYLOR GA					
1	2.2	1	1.9	3	4.3	TELFAIR GA	-14	126	94	63	93
				2	4.7	TERRELL GA					95
		1	.9	2	1.2	THOMAS GA		36			37
2	3.5	1	1.4	2	1.5	TIFT GA	-61	9	-57	05	44
				2	2.4	TOOMBS GA					74
				1	2.0	TOWNS GA					63
		1	5.1			TREUTLEN GA					
3	1.8	2	1.0	3	1.1	TROUP GA	-42	9	-37	12	34
				2	3.3	UNION GA					87
		1	.9	3	2.0	UPSON GA		129			61
5*	3.0	4	1.9	3	1.1	WALKER GA	-37	-42	-63	03	34
1	1.6	2	2.1	2	1.7	WALTON GA	30	-22	2	27	50
1	.9	2	1.3	4	2.3	WARE GA	48	83	171	78	72
1*	5.2					WARPEN GA					
1	1.6			2	3.6	WASHINGTON GA			125	71	89
				1	1.1	WAYNE GA					32
				1*	15.6	WEBSTER GA					99
		2	1.1	6	2.3	WHITFIELD GA		116			70
		1	3.3			WILKINSON GA					
		10	1.7	17	1.7	HAWAII HI		2			
		1	2.0	3	2.5	HAWAII HI		22			74
		7	1.5	14	1.8	HONOLULU HI		23			56
		2*	3.9			MAUI#HI					
19	.8	43	1.3	86	2.1	IDAHO ID	74	55	171		
5	1.2	6	1.3	15	2.1	ADA ID	2	66	69	55	65
				1	6.2	ADAMS ID					97
1	.9	3	1.5	4	1.5	BANNOCK ID	60	-3	55	51	43
		1	2.6	1	2.5	BEAR LAKE ID		-4			74
		2*	6.8	2	5.2	BENEWAH ID		-23			96
		2	1.9	4	3.0	BINGHAM ID		59			83
		1	3.4	2*	7.1	BLAINE ID		109			98
		1	1.0	2	1.7	BONNER ID		74			51
1	.8	6*	3.6	5	2.4	BONNEVILLE ID	331	-34	184	81	72
1	4.3			3*	7.8	BOUNDARY ID			82	59	98
				1	7.9	BUTTE ID					98
1	.4	7	2.2	9	2.3	CANYON ID	460	6	494	96	71
		1	4.3			CARIBOU ID					
1	1.8	1	1.3	1	1.0	CASSIA ID	-26	-24	-44	09	31
		1	3.8			CLEARWATER ID					
				2	3.5	ELMORE ID					89
				2	3.7	FRANKLIN ID					90
1	2.3					GEM ID					
1	2.3					GOODING ID					
		1	1.7			IDAHO ID					
		1	2.1			JEFFERSON ID					
				1	1.3	JEROME ID					40
				8	2.8	KOOTENAI ID					80

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COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	1.1	1	1.2	2	2.3	LATAH ID	1	95	98	64	69
		1	3.1	1	3.1	LEMHI ID		1			85
		1	4.3	4*	17.4	LEWIS ID		302			99
				1	4.5	LINCOLN ID					94
				1	2.3	MADISON ID					70
2*	4.5			1	1.1	MINIDOKA ID			-76	01	33
2	1.8	3	1.9	4	2.0	NEZ PEPCE ID	7	7	14	32	63
		1	1.1	1	1.1	PAYETTE ID		-3			33
1	1.4	1	1.6	3	3.0	SHOSHONE ID	15	91	119	70	84
1	.6			4	1.3	TWIN FALLS ID			122	71	38
				1	4.2	VALLEY ID					93
		1	2.3			WASHINGTON ID					
441	.9	719	1.3	1107	1.8	ILLINOIS IL	42	35	91		
5	1.2	7	1.3	8	1.5	ADAMS IL	2	22	24	36	45
		2	1.7	5	4.1	BOND IL		146			93
2	1.8	3	2.8			BOONE IL	53				
				2	3.7	BROWN IL					90
3	1.3	8*	3.2	6	1.9	BUREAU IL	140	-39	47	47	60
				3*	5.6	CALHOUN IL					97
3	2.7	1	1.0	3	2.3	CARROLL IL	-64	136	-15	20	71
1	.8	1	1.2	1	.4	CASS IL	43	-67	-53	06	21
3	.7	8	1.6	10	1.8	CHAMPAIGN IL	119	16	154	76	56
3	1.3	3	.9	4	1.2	CHRISTIAN IL	-28	31	-6	24	37
		8*	6.9	1	1.0	CLARK IL		-86			30
1	.8	1	.8	2	1.5	CLAY IL	10	81	100	65	45
		4	2.8	1	.5	CLINTON IL		-81			22
1	.3	3	1.1	5	1.3	COLES IL	218	20	282	90	38
213	.9	326	1.3	469	1.7	COOK IL	37	34	84	60	52
		1	.6	5	3.3	CRAWFORD IL		483			87
				5*	6.5	CUMBERLAND IL					98
4	1.6	7	2.4	5	1.6	DE KALB IL	46	-32	-1	26	48
1	1.0	1	.7			DE WITT IL	-29				
		2	2.0	2	1.5	DOUGLAS IL		-23			45
11	1.1	20	1.3	55	2.4	DU PAGE IL	19	85	119	70	73
1	.7	4	2.5	2	1.6	EDGAR IL	241	-37	116	68	46
		2	3.4			EDWARDS IL					
1	.6	1	.6	1	.5	EFFINGHAM IL	-1	-17	-17	19	22
1	.8	2	1.0	4	2.1	FAYETTE IL	37	109	186	81	67
				1	1.0	FORD IL					31
5	1.6	5	1.4	8	2.6	FRANKLIN IL	-12	82	61	52	77
2	.8	4	1.4	9	2.5	FULTON IL	76	76	209	84	75
				1	2.9	GALLATIN IL					82
1	1.1			3	2.5	GREENE IL			134	73	75
		1	.9			GRUNDY IL					
				2	2.5	HAMILTON IL					75
3	1.8	4	2.3	2	.8	HANCOCK IL	29	-64	-54	06	26
1	3.0			4*	9.3	HARDIN IL			211	84	99
		4*	7.4	1	1.7	HENDERSON IL		-77			51
		5	1.6	12	2.8	HENRY IL		69			80
1	.4	5	2.4	3	.9	IROQUOIS IL	439	-63	101	65	28
2	1.1	4	2.0	6	2.3	JACKSON IL	91	16	121	71	72
				1	.8	JASPER IL					25
2	1.0	2	.8	4	1.4	JEFFERSON IL	-23	73	33	41	41
		2	1.9	3	2.8	JERSEY IL		48			81
1	.7	2	1.5	4	2.6	JO DAVIESS IL	131	72	297	91	78
		1	2.4	2	2.6	JOHNSON IL		10			77
15	1.5	21	1.8	21	1.6	KANE IL	18	-9	7	29	49
3	.6	4	.8	8	1.4	KANKAKEE IL	20	85	123	71	41
2	2.7	1	1.2			KENDALL IL	-54				
4	1.1	1	.3	7	1.7	KNOX IL	-72	455	54	50	50
10	1.2	14	1.1	29	1.7	LAKE IL	-3	53	48	48	52
8	1.3	8	1.1	22	2.6	LA SALLE IL	-15	139	103	65	77
				3	2.3	LAWRENCE IL					71
1	.5	1	.4	2	.9	LEE IL	-8	112	94	62	28
1	.4	2	.7	8	2.6	LIVINGSTON IL	81	261	553	97	77
2	1.0	5	2.1	3	1.2	LOGAN IL	102	-41	19	35	37
4	2.0	6	3.3	5	2.1	MC DONOUGH IL	66	-37	5	28	65
2	.5	5	1.0	13	1.8	MC HENRY IL	78	90	239	87	57
4	.8	6	1.1	19*	2.6	MC LEAN IL	31	140	214	85	76
8	1.4	13	1.8	14	1.8	MACON IL	28	-1	27	38	55
1	.3	4	1.0	11	2.7	MACOUPIN IL	210	159	701	98	79
14	1.5	13	1.1	33	2.3	MADISON IL	-27	105	50	49	70
3	1.3	3	1.1	5	1.6	MARION IL	-16	47	23	36	46
1	1.1					MARSHALL IL					
1	.9	2	1.8	5	3.8	MASON IL	100	113	328	92	91
		1	1.4	2	2.3	MASSAC IL		67			70
1	1.5			2	2.0	MENARD IL			30	39	61
1	.8	1	.8	3	2.0	MERCER IL	-1	144	141	74	61
				5	3.7	MONROE IL					90
1	.5	1	.3	2	.7	MONTGOMERY IL	-38	118	36	42	25
2	.9	9*	3.3	2	.8	MORGAN IL	256	-75	-10	23	26
1	1.1	2	2.8	1	1.2	MOULTRIE IL	158	-57	12	31	37
		4	1.9	2	.9	OGLE IL		-55			27
10	1.0	17	1.5	21	1.7	PEORIA IL	55	11	72	56	52
1	.9			2	1.0	PERRY IL			13	32	32
1	1.3	4*	3.5	2	2.3	PIATT IL	166	-34	77	58	71
2	1.7	5	3.4	2	.9	PIKE IL	104	-74	-47	08	28
				1	3.9	POPE IL					91
		1	2.0	2	3.8	PULASKI IL		92			91
1	.7	1	.6	2	.7	RANDOLPH IL	-16	30	9	30	25
		4	3.4	2	1.5	RICHLAND IL		-55			46
6	.8	6	.7	16	1.5	ROCK ISLAND IL	-23	136	81	59	45
8	.8	16	1.4	20	1.6	ST CLAIR IL	68	16	95	63	47
4	1.9	1	.4	4	1.7	SALINE IL	-81	378	-9	23	53
6	.8	16	1.7	24	2.1	SANGAMON IL	123	23	175	79	65
				1	.9	SCHUYLER IL					28
3*	7.8	1	1.8	1	1.7	SCOTT IL	-76	-8	-78	00	51
3	1.9	3	1.7	3	1.8	SHELBY IL	-9	3	-6	24	55
		1	2.2			STARK IL					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
2	.8	3	1.0	3	.8	STEPHENSON IL	22	-11	8	30	27
		6	1.3	14	2.1	TAZEWELL IL		63			67
3	2.4	1	.9			UNION IL	-63				
3	.6	10	1.7	7	1.0	VERMILION IL	197	-41	77	58	30
3*	3.5			1	1.0	WABASH IL			-72	01	29
1	.6	1	1.0	3	1.8	WARREN IL	62	94	215	85	57
3*	3.6	1	.8	3	3.3	WASHINGTON IL	-78	316	-9	23	86
				1	.6	WAYNE IL					23
1	.8	1	.7	2	1.3	WHITE IL	-5	87	77	58	40
1	.4	4	1.3	17*	4.2	WHITESIDE IL	236	234	1023	99	93
8	1.0	10	1.1	21	1.8	WILL IL	9	61	75	57	56
1	.4	6	1.7	7	1.7	WILLIAMSON IL	372	-4	352	94	50
5	.6	16	1.5	26	1.9	WINNEBAGO IL	166	26	235	87	60
3	2.3	3	1.8	7	2.9	WOODFORD IL	-22	59	24	36	62
192	.9	358	1.5	557	1.9	INDIANA IN	59	30	107		
		1	.7	2	1.0	ADAMS IN		35			29
7	.7	14	1.1	26	1.8	ALLEN IN	60	67	168	78	56
4	2.3	5	2.2	6	2.1	BARTHOLOMEW IN	-3	-6	-9	23	64
		3*	4.2			BENTON IN					
3*	3.6			3	2.9	BLACKFORD IN			-18	19	82
4	2.5	4	1.9	8	3.7	BOONE IN	-22	90	49	48	90
		1	2.1	1	1.5	BROWN IN		-28			45
3*	2.8	4	3.7	2	1.6	CARROLL IN	32	-58	-45	08	47
3	1.4	1	.3	4	1.1	CASS IN	-77	263	-17	19	34
		6	2.1	10	2.6	CLARK IN		21			77
2	1.1	4	2.4	7	3.4	CLAY IN	107	43	195	82	87
3	1.6	4	2.0	5	2.0	CLINTON IN	25	0	26	37	63
		1	.5	5	2.4	DAVIESS IN		346			73
3	2.2	1	.6	4	2.2	DEARBORN IN	-73	263	-3	25	67
1	1.0	4	3.2	3	1.9	DECATUR IN	229	-41	95	63	59
		2	1.2	2	1.0	DE KALB IN		-17			30
7	1.6	9	1.6	13	2.0	DELAWARE IN	3	22	25	37	61
1	.8	4	2.6	6	3.0	DUBOIS IN	217	16	267	69	84
5	1.0	7	1.2	12	1.5	ELKHART IN	19	26	50	49	44
1	.8	4	3.0	4	2.4	FAYETTE IN	264	-21	189	81	72
2	.8	3	1.0	4	1.0	FLOYD IN	22	5	28	38	31
				2	1.1	FOUNTAIN IN					34
		1	1.3	2	1.9	FRANKLIN IN		47			58
1	1.0	2	1.6	1	.7	FULTON IN	63	-57	-30	14	24
		4	2.1	2	.7	GIBSON IN		-66			25
4	1.2	4	1.0	12	2.8	GRANT IN	-15	169	130	72	80
1	.6	3	1.8	3	1.1	GREENE IN	216	-41	87	61	33
3	2.0	4	1.9	5	1.7	HAMILTON IN	-7	-10	-16	20	52
1	1.0	6*	4.0	6	3.0	HANCOCK IN	319	-25	213	84	83
				1	1.1	HARRISON IN					32
1	.6	3	1.4	4	1.5	HENDRICKS IN	116	10	138	74	45
3	1.2	4	1.4	11*	3.5	HENRY IN	15	149	187	81	89
1	.4	2	.5	13	3.1	HOWARD IN	37	468	679	98	84
3	1.2	5	2.1	8	3.0	HUNTINGTON IN	69	44	143	75	84
2	1.2	4	2.3	2	.9	JACKSON IN	86	-59	-24	17	29
		1	.9	3	2.5	JASPER IN		173			75
2	1.7			5	3.1	JAY IN			82	59	85
				4	2.0	JEFFERSON IN					62
		2	2.3			JENNINGS IN					
		1	.3	7	2.2	JOHNSON IN		671			69
3	1.1	1	.3	3	1.0	KNOX IN	-76	260	-14	21	30
5*	2.4	2	.9	7	2.3	KOSCIUSKO IN	-61	143	-6	23	70
1	1.5	1	1.1	3	2.6	LAGRANGE IN	-23	130	77	58	77
10	.8	34	2.0	35	1.8	LAKE IN	153	-12	122	71	54
8	1.9	12	2.4	13	2.2	LA PORTE IN	30	-8	19	35	69
2	1.1	3	1.4	8	3.0	LAWRENCE IN	28	120	181	80	83
6	1.1	7	1.0	16	2.1	MADISON IN	-9	108	89	61	66
23	.8	41	1.2	66	1.7	MARION IN	51	39	110	67	52
3	1.7	1	.6	7	2.6	MARSHALL IN	-66	348	51	49	77
				1	2.0	MARTIN IN					61
2	1.1	3	1.5	7	3.7	MIAMI IN	32	148	229	86	90
		2	.8	4	1.0	MONROE IN		38			31
1	.5	5	2.5	1	.4	MONTGOMERY IN	453	-84	-10	22	21
		1	.6	7	3.1	MORGAN IN		397			85
		2	3.6	3	4.0	NEWTON IN		10			92
2	1.1	3	1.8	5	2.4	NOBLE IN	64	34	120	70	72
		1	4.8	1	1.5	OHIO IN		-68			46
		3	2.5	2	1.5	ORANGE IN		-43			43
		1	1.8	2	2.0	OWEN IN		14			63
3*	3.6			1	.8	PARKE IN			-79	00	26
2	1.9			3	2.6	PERRY IN			33	40	76
1	1.2			3	3.3	PIKE IN			179	80	87
2	.9	5	1.6	10	2.5	PORTER IN	73	56	171	78	76
2	1.6	1	.8	4	2.5	POSEY IN	-49	220	62	53	75
1	1.3	1	1.6	3	2.8	PULASKI IN	25	70	112	68	80
		3	2.4	3	1.6	PUTNAM IN		-32			48
		2	1.0	2	1.1	RANDOLPH IN		14			34
1	.8	3	2.4	2	1.1	RIPLEY IN	207	-54	42	44	34
		1	.9	3	2.0	RUSH IN		118			61
16	1.6	28*	2.4	32	2.1	ST JOSEPH IN	47	-10	32	40	66
				2	2.4	SCOTT IN					72
		4	1.9	6	2.5	SHELBY IN		29			74
		1	1.0	2	1.7	SPENCER IN		83			53
				3	3.1	STARKE IN					85
		1	1.0			STEUBEN IN					
		1	.8	3	1.5	SULLIVAN IN		77			43
1	2.5					SWITZERLAND IN					
2	.6	7	1.7	8	1.7	TIPPECANOE IN	184	-1	182	80	51
		2	2.4	2	1.8	TIPTON IN		-25			55
				1	2.8	UNION IN					80
7	.9	12	1.2	17	1.4	VANDERBURGH IN	40	19	66	54	42
				3	2.6	VERMILLION IN					77
10	1.6	16	2.2	13	1.6	VIGO IN	41	-28	2	27	48
2	1.1	4	1.9	3	1.4	WABASH IN	70	-25	28	38	42

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WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	2.5	3*	6.0	1	1.9	WARREN IN	135	-69	-27	16	57
1	.8			2	1.0	WARRICK IN			33	40	31
		1	.9	4	3.5	WASHINGTON IN		289			88
		3	.7	8	1.8	WAYNE IN		153			55
1	.9	6*	4.7	2	1.1	WELLS IN	448	-77	25	37	32
2	1.7			1	.7	WHITE IN			-60	04	24
		2	1.8	1	.8	WHITLEY IN		-58			26
185*	1.2	271	1.6	414*	2.0	IOWA IA	28	30	67		
		1	.9	1	1.3	ADAIR IA		38			37
1	2.3	1	1.5	1	2.0	ADAMS IA	-33	32	-11	22	62
		1	.9	7*	6.3	ALLAMAKEE IA		583			97
1	.6	1	.7	5	3.0	APPANOOSE IA	9	348	389	94	84
		2	1.3	4	2.4	BENTON IA		83			72
4	.8	9	1.6	17	2.4	BLACK HAWK IA	110	52	219	85	73
2	1.2	5	2.6	3	1.1	BOONE IA	127	-57	-3	25	34
2	1.7	4	3.1	6	3.7	BREMER IA	85	18	119	70	90
1	.8	1	.9	1	.9	BUCHANAN IA	7	-1	6	29	28
3	2.3	2	1.2	4	2.0	BUENA VISTA IA	-46	60	-13	21	61
1	1.1	7*	6.3	2	1.4	BUTLER IA	475	-78	26	37	41
4*	3.7	2	1.6	1	.6	CALHOUN IA	-56	-66	-85	00	22
4*	3.2	2	1.8	1	.7	CARROLL IA	-44	-60	-78	01	24
1	.9	3	2.7	4	3.8	CASS IA	215	41	346	93	91
		4	3.6	1	1.0	CEDAR IA		-71			32
6*	2.3	5	1.6	12*	3.2	CERRO GORDO IA	-31	106	42	44	86
1	.9			2	1.8	CHEROKEE IA			92	62	55
		1	1.1	1	1.2	CHICKASAW IA		14			36
		2	3.0	1	1.7	CLARKE IA		-43			53
1	1.0	1	.8	1	.7	CLAY IA	-22	-5	-26	16	25
		3	2.1	2	1.0	CLAYTON IA		-53			30
2	.7	2	.6	8	1.9	CLINTON IA	-8	209	183	81	60
		2	1.8	3	2.3	CRAWFORD IA		26			70
2	1.2	7*	4.1	12*	6.2	DALLAS IA	244	49	414	95	97
2	3.4			1	1.4	DAVIS IA			-58	05	43
1	1.0			1	.9	DECATUR IA			-9	23	27
1	1.0	2	1.9	2	1.6	DELAWARE IA	93	-16	62	53	49
1	.4	5	1.6	7	1.6	DES MOINES IA	283	0	282	90	46
		1	1.1	1	1.1	DICKINSON IA		-1			32
9*	2.3	6	1.3	8	1.2	DUBUQUE IA	-42	-10	-48	08	36
2	3.1					EMMET IA					
1	.6	1	.6	4	2.1	FAYETTE IA	0	224	224	86	64
1	.7	3	2.2	3	2.6	FLOYD IA	229	16	283	90	76
1	1.1	3	2.6	2	1.7	FRANKLIN IA	140	-35	56	51	51
1	1.3	4*	5.4			FREMONT IA	305				
3*	3.1	1	.8	5*	4.7	GREENE IA	-74	469	50	49	95
1	1.3	1	1.3	2	2.1	GRUNDY IA	-4	71	65	53	66
1	.9	2	1.6	3	2.7	GUTHRIE IA	77	65	191	81	79
4*	3.8	3	2.4	3	1.6	HAMILTON IA	-36	-35	-58	05	47
		1	1.0	2	1.7	HANCOCK IA		73			52
2	1.5	5	3.4	6	3.2	HARDIN IA	128	-6	114	68	86
2	1.9	3	1.9	3	1.6	HARRISON IA	0	-11	-11	22	49
1	.7					HENRY IA					
		1	1.0			HOWARD IA					
2	2.4	1	1.1	4	3.7	HUMBOLDT IA	-55	246	54	50	90
		1	1.0	3	3.3	IDA IA		230			86
		1	.9	4	2.7	IOWA IA		217			79
		1	.9	1	.4	JACKSON IA		-50			21
		4	1.8	9*	3.5	JASPER IA		91			89
		1	1.0	4	2.4	JEFFERSON IA		142			73
5*	2.3	3	1.2	10	3.0	JOHNSON IA	-49	150	28	38	83
1	.9	2	1.7	2	1.3	JONES IA	102	-28	46	47	38
2	1.5	3	2.6	4	2.7	KEOKUK IA	78	3	83	59	78
3	2.5	2	1.5			KOSSUTH IA	-41				
3	1.1	5	1.7	5	1.7	LEE IA	53	0	53	50	52
7	1.1	9	1.2	20	1.9	LINN IA	8	63	76	58	58
				1	1.2	LOUISA IA					35
1	1.6			1	2.3	LUCAS IA			42	44	71
		3	3.6	1	1.0	LYON IA		-73			30
1	1.3	1	1.3	3	1.8	MADISON IA	-2	40	37	42	54
1	.6	6*	3.7	4	2.3	MAHASKA IA	482	-37	264	89	71
		5	3.2	6	3.4	MARION IA		5			87
2	1.1	9*	3.9	6	2.0	MARSHALL IA	251	-47	84	60	63
1	1.4	1	1.3	5*	5.0	MILLS IA	-3	280	267	89	96
				1	1.1	MITCHELL IA					32
2	2.5	2	2.6	1	.8	MONONA IA	3	-68	-67	02	27
1	1.3	3	4.5	2	3.3	MONROE IA	242	-28	145	75	86
				4	3.8	MONTGOMERY IA					91
3	1.5	6	2.4	2	.9	MUSCATINE IA	61	-64	-43	10	27
1	.8	1	.7	5	2.6	O'BRIEN IA	-17	298	231	87	77
				1	1.2	OSCEOLA IA					36
3	2.2	4	2.2	8*	4.9	PAGE IA	0	124	124	71	95
				2	2.4	PALO ALTO IA					73
3	2.5	1	.9	2	1.3	PLYMOUTH IA	-65	42	-50	06	37
1	1.5	1	1.5	4	4.5	POCAHONTAS IA	0	203	203	83	94
23*	1.8	23	1.6	32	1.8	POLK IA	-15	16	-2	26	56
1	.3	7	1.5	8	1.4	POTTAWATTAMIE IA	497	-8	449	96	41
		1	.9	2	1.2	POWESHIEK IA		30			37
		2	2.9			RINGGOLD IA					
2	2.2	1	.8	4	2.7	SAC IA	-65	243	21	35	79
10	1.8	10	1.4	14	1.8	SCOTT IA	-20	24	-1	26	54
1	1.2			3	1.8	SHELBY IA			48	48	53
1	.8	1	.5	7	4.0	SIOUX IA	-33	635	390	95	92
4	1.8	4	1.4	3	1.1	STORY IA	-23	-17	-36	12	34
2	1.4	2	1.3	1	.7	TAMA IA	-4	-47	-49	07	24
				2	2.7	TAYLOR IA					78
2	1.6	4	2.8	2	1.4	UNION IA	75	-50	-12	22	41
		2	2.3	1	1.7	VAN BUREN IA		-26			51
2	.8	5	1.8	14*	4.1	WAPELLO IA	138	127	440	96	92
1	.8	1	.9	7*	4.8	WARREN IA	10	417	468	96	95
		3	1.9	1	1.1	WASHINGTON IA		-41			33

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		1	.9	2	2.1	WAYNE	IA		125			65
5	2.2	3	1.0	6	1.6	WEBSTER	IA	-53	58	-26	16	48
		1	1.6	2	2.1	WINNEBAGO	IA		31			65
2	1.9	1	.7	2	1.0	WINNESHIEK	IA	-64	52	-46	08	31
13*	2.2	12	1.8	22*	2.8	WOODBURY	IA	-18	58	29	39	80
				3	4.3	WORTH	IA					93
3	2.5	1	.6			WRIGHT	IA	-76				
96	.9	175	1.4	304	2.0	KANSAS	KS	56	49	132		
2	1.5	2	2.2	3	1.9	ALLEN	KS	47	-17	22	36	58
1	1.6	2	2.3	3	4.3	ANDERSON	KS	48	84	172	79	93
1	.7	2	1.5	5	4.8	ATCHISON	KS	100	226	551	97	95
				2	2.3	BARBER	KS					70
		2	1.2	2	1.3	BARTON	KS		6			39
1	.7	2	1.3	2	1.9	BOURBON	KS	104	38	182	80	57
		2	1.8	1	1.1	BROWN	KS		-39			33
3	1.7	2	.9	4	1.6	BUTLER	KS	-47	75	-7	23	46
				1	2.7	CHASE	KS					78
1	1.9	1	1.5	3*	5.2	CHAUTAUQUA	KS	-18	238	176	79	96
1	.5	3	1.9	4	2.1	CHEROKEE	KS	262	9	296	91	64
		2	2.7	3	2.5	CLAY	KS		-8			74
1	1.0			2	1.0	CLOUD	KS			-1	26	29
		2	3.3	3	3.1	COFFEY	KS		-7			85
2	.7	5	1.8	5	1.8	COWLEY	KS	141	1	144	75	56
3	1.3	3	1.2	4	1.1	CRAWFORD	KS	-10	-2	-12	21	34
		1	1.5			DECATUR	KS					
		1	.6	3	1.6	DICKINSON	KS		164			47
1	2.0			1	1.4	DONIPHAN	KS			-30	14	42
		1	.5	4	1.5	DOUGLAS	KS		183			43
1	3.4					EDWARDS	KS					
				1	1.5	ELK	KS					44
				2	1.8	ELLIS	KS					56
		1	1.5	2	2.3	FINNEY	KS		50			71
		1	1.0	3	1.7	FORD	KS		80			52
2	1.2			2	1.5	FRANKLIN	KS			24	36	45
		2	2.3	2	2.3	GEARY	KS		1			72
				1	2.0	GRAHAM	KS					62
				2	1.9	GREENWOOD	KS					60
1*	7.8					HAMILTON	KS					
				3	2.9	HARPER	KS					82
2	1.2	4	2.7	3	1.7	HARVEY	KS	119	-38	36	42	50
1*	10.6			1	6.0	HASKELL	KS			-44	09	97
2	3.1	2	1.9	1	.9	JACKSON	KS	-39	-49	-69	02	29
		1	1.7			JEFFERSON	KS					
1	2.1					JEWELL	KS					
6	1.8	10	1.7	29*	2.8	JOHNSON	KS	-5	67	59	52	80
				1	5.7	KEARNY	KS					97
		1	1.4	6*	6.9	KINGMAN	KS		406			98
3	1.3	2	1.0	2	1.1	LABETTE	KS	-22	11	-13	21	33
3	1.6	4	1.9	3	1.0	LEAVENWORTH	KS	13	-44	-37	12	32
		1	1.8			LINCOLN	KS					
		1	1.2			LINN	KS					
1*	5.1					LOGAN	KS					
2	1.1	3	1.3	6	3.1	LYON	KS	19	144	191	81	84
2	1.4	3	1.8	3	1.2	MC PHERSON	KS	30	-32	-11	22	37
				2	1.1	MARION	KS					34
		1	.8	2	1.4	MARSHALL	KS		78			40
1	5.0					MEADE	KS					
1	.7	2	1.5			MIAMI	KS	102				
2	2.7	2	2.9	2	3.2	MITCHELL	KS	5	11	17	33	86
2	.6	4	1.2	10	2.8	MONTGOMERY	KS	92	128	338	93	81
1	2.1	2	3.3	2	3.7	MORRIS	KS	55	11	72	56	89
		2	2.0	2	1.7	NEMAHA	KS		-15			52
1	.6	3	2.1	6	3.4	NEOSHO	KS	226	62	428	95	88
1	3.1	1	3.1	2	4.1	NESS	KS	0	32	32	40	92
		2	2.7	4*	4.4	NORTON	KS		60			94
1	1.2	2	1.8			OSAGE	KS	48				
1	1.2			2	3.8	OTTAWA	KS			212	84	91
1	1.3	1	1.2			PAWNEE	KS	-9				
1	1.5	1	1.8	2	2.2	PHILLIPS	KS	18	22	45	46	69
		2	2.1			POTTAWATOMIE	KS					
1	1.2	5*	6.7	2	3.1	PRATT	KS	448	-53	156	76	85
				1	5.2	RAWLINS	KS					96
3	1.0	3	.9	9	1.9	RENO	KS	-8	106	89	61	58
		4*	3.5	2	2.5	REPUBLIC	KS		-27			75
2	2.3	1	1.7	3	2.5	RICE	KS	-28	51	9	30	75
				3	1.8	RILEY	KS					55
1	1.5	2	3.6	1	1.4	ROOKS	KS	140	-61	-6	24	41
				3*	6.7	RUSH	KS					98
1	1.6					RUSSELL	KS					
2	.9	2	.9	6	2.1	SALINE	KS	2	137	143	75	65
				1	2.7	SCOTT	KS					78
10	.8	29	2.0	40	2.2	SEDGWICK	KS	144	7	161	77	68
2*	5.0			3	3.9	SEWARD	KS			-22	18	91
7	1.0	10	1.3	20	2.2	SHAWNEE	KS	24	74	117	69	68
				1	2.9	SHERIDAN	KS					82
				2	4.2	SHERMAN	KS					93
		1	2.6	2	3.2	SMITH	KS		22			66
		1	1.8	2	2.6	STAFFORD	KS		39			76
		3	1.4	3	2.0	SUMNER	KS		43			61
		1	2.2	1	2.1	THOMAS	KS		-3			65
				1	1.8	TREGO	KS					56
		2	3.5	1	1.3	WABAUNSEE	KS		-63			38
		1	.8			WASHINGTON	KS					
				1	7.8	WICHITA	KS					98
		3	1.9	9*	6.6	WILSON	KS		241			98
10	1.5	13	1.6	23	2.5	WYANDOTTE	KS	10	59	74	57	75
112	.9	195	1.2	346	1.8	KENTUCKY	KY	45	47	113		

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE				PERCENTILE
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		1	1.2	1	.7	ADAIR KY		-36			25
				1	1.4	ALLEN KY					41
1	2.0	1	2.1			ANDERSON KY	4				
				1	1.7	BALLARD KY					50
		1	.7	11*	5.5	BARREN KY		726			96
		4*	7.4	2	4.0	BATH KY		-46			92
				7	3.5	BELL KY					88
		2	1.9	3	1.8	BOONE KY		-6			54
3*	4.0	3	3.2	2	1.8	BOURBON KY	-21	-42	-54	06	57
3	1.3	4	1.5	2	.5	BOYD KY	18	-63	-56	05	22
1	.9	1	.8	3	2.0	BOYLE KY	-10	160	135	73	62
		1	1.5	1	1.4	BREATHITT KY		-4			42
3*	3.9	1	1.0	3	3.2	BRECKINRIDGE KY	-75	225	-17	19	85
		1	1.9	2	1.9	BULLITT KY		1			60
2*	3.6	2	3.1	1	1.1	BUTLER KY	-14	-66	-71	02	33
2	2.1	1	1.1	4	4.0	CALDWELL KY	-45	254	93	62	92
1	.8	2	1.1	6	3.4	CALLOWAY KY	47	200	340	93	87
6	1.4	3	.6	11	2.0	CAMPBELL KY	-57	237	46	46	63
2*	5.6			1	2.9	CARLISLE KY			-48	07	81
		3*	5.5	1	2.6	CARROLL KY		-52			78
1	1.1	2	2.1	2	1.5	CARTER KY	84	-29	30	39	43
		1	1.3	1	1.0	CASEY KY		-28			29
2	1.2	7*	3.5	2	.8	CHRISTIAN KY	199	-76	-29	15	27
2	2.2	2	1.8	1	.7	CLARK KY	-20	-60	-68	02	24
1	.9	1	1.3			CLAY KY	43				
		1	1.7	1	1.3	CRITTENDEN KY		-21			39
1	3.0			1	1.7	CUMBERLAND KY			-41	10	53
2	.7	7	1.9	9	1.8	DAVIESS KY	189	-4	178	79	57
		1	2.1			EDMONSON KY					
				1	1.0	ESTILL KY					30
7	1.5	10	1.7	18	2.3	FAYETTE KY	12	36	53	50	70
				2	2.6	FLEMING KY					77
1	.7			4	1.9	FLOYD KY			174	79	57
5*	3.9	4	2.5	4	2.2	FRANKLIN KY	-34	-14	-43	09	68
		2	2.8	3	3.1	FULTON KY		10			85
2*	4.5			3	4.6	GARRARD KY			3	28	95
				3	4.4	GRANT KY					94
5*	2.8	2	.8	2	.7	GRAVES KY	-71	-11	-74	01	25
		1	1.1	2	1.9	GRAYSON KY		62			57
1	2.1	2	3.3	4*	5.2	GREEN KY	58	60	153	76	96
1	.9	1	.9	3	2.0	GREENUP KY	-4	126	118	70	61
		1	3.5	1	3.4	HANCOCK KY		-2			87
		3	1.9	1	.4	HARDIN KY		-81			21
		2	1.1	3	1.3	HARLAN KY		16			39
		1	1.2	1	.7	HARRISON KY		-43			24
		1	1.3			HART KY					
1	.8	4	2.0	3	1.5	HENDERSON KY	165	-27	93	62	43
				1	1.9	HENRY KY					60
		2	3.7	1	2.8	HICKMAN KY		-25			80
		8*	3.3	5	1.4	HOPKINS KY		-58			42
				2	3.5	JACKSON KY					88
28	1.2	36	1.2	59	1.6	JEFFERSON KY	5	34	41	44	49
		2	3.1	2	2.5	JESSAMINE KY		-20			74
		1	.9	3	2.4	JOHNSON KY		167			72
2	.3	8	1.2	16	2.1	KENTON KY	250	77	520	97	65
				3	3.4	KNOTT KY					87
				6	4.0	KNOX KY					92
				1	1.1	LARUE KY					32
		2	1.5	5	2.3	LAUREL KY		51			71
		2	2.5	2	1.8	LAWRENCE KY		-29			55
				1	2.7	LEE KY					78
				2	3.8	LESLIE KY					91
		1	.9	2	1.5	LETCHER KY		68			44
				1	1.4	LEWIS KY					41
1	1.3	2	2.3	1	.7	LINCOLN KY	71	-70	-49	07	24
				1	1.8	LIVINGSTON KY					54
		4	3.3	3	1.8	LOGAN KY		-46			54
1	.4	7	2.1	5	1.3	MC CRACKEN KY	420	-39	219	85	39
2*	4.0	1	1.8	2	2.9	MC CREARY KY	-56	63	-28	15	82
2*	3.7			1	1.6	MC LEAN KY			-56	05	48
1	.8			3	1.3	MADISON KY			63	53	40
		1	2.0			MAGOFFIN KY					
2	2.8			4	3.9	MARION KY			41	44	92
				2	1.3	MARSHALL KY					38
		1	1.1	3	2.6	MASON KY		136			77
		1	5.2			MENIFEE KY					
		2	2.2	3	2.6	MERCER KY		19			76
1	1.8	1	1.3	1	1.0	MONROE KY	-29	-23	-45	08	30
1	1.8					MONTGOMERY KY					
1	2.2	1	1.7	1	1.3	MORGAN KY	-22	-21	-38	11	40
3	1.9	2	1.2	4	1.8	MUHLENBERG KY	-37	51	-4	24	55
2	2.7	1	1.0	1	1.0	NELSON KY	-64	4	-63	04	31
				1	2.3	NICHOLAS KY					71
1	.9			2	1.2	OHIO KY			38	43	37
				2	1.8	OLDHAM KY					57
1	1.8					OWEN KY					
				1	2.6	OWSLEY KY					76
1	1.5			2	3.0	PENDLETON KY			100	64	83
				2	1.5	PERRY KY					46
		4	1.5	1	.3	PIKE KY		-82			21
				2	4.6	POWELL KY					95
1	.5	2	.9	2	.9	PULASKI KY	76	-3	71	56	28
				3	4.0	ROCKCASTLE KY					92
				3	4.0	ROWAN KY					92
		1	1.4	2	2.5	RUSSELL KY		76			75
		1	1.0	3	3.0	SCOTT KY		194			84
				2	1.5	SHELBY KY					45
		1	1.5	2	2.4	SIMPSON KY		55			72
				2*	6.3	SPENCER KY					97
		1	1.1	5*	4.1	TAYLOR KY		270			92
				3	4.1	TODD KY					93

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE RATES 70S/50S	1970S
				2	3.1	TRIGG	KY					64
2	3.0			1	.9	UNION	KY			-69	02	29
		5	1.9	7	2.2	WARREN	KY		21			69
				1	1.3	WASHINGTON	KY					40
				1	1.1	WAYNE	KY					32
		2	1.6	1	.7	WEBSTER	KY		-57			24
2	1.3	2	1.1	3	1.5	WHITLEY	KY	-20	35	9	30	43
		2*	6.3	2	5.0	WOLFE	KY		-22			96
1	2.3	1	1.6	3	4.0	WOODFORD	KY	-30	150	75	57	92
85	1.0	171	1.5	266	1.8	LOUISIANA	LA	55	17	81		
		3	1.5	4	1.5	ACADIA	LA		1			45
2	3.1	1	1.3	4	3.7	ALLEN	LA	-58	193	22	35	90
				4	2.7	ASCENSION	LA					79
				1	1.3	ASSUMPTION	LA					39
1	.8	1	.5	4	1.8	AVOYELLES	LA	-31	238	133	73	54
1	1.6	1	1.3	2	1.9	BEAUREGARD	LA	-20	46	17	33	58
1	1.4	2	3.4	4*	4.4	BIENVILLE	LA	143	29	213	84	94
1	1.2	2	1.0	6	3.6	BOSSIER	LA	-16	241	186	81	89
6	1.0	18	2.2	19	1.7	CADDO	LA	128	-22	78	58	53
3	1.1	5	1.4	8	1.4	CALCASIEU	LA	21	-2	19	34	40
1*	4.9	1	3.0			CAMERON	LA	-39				
1	3.3			2	4.6	CATAHOULA	LA			37	42	95
				3	3.2	CLAIBORNE	LA					86
		1	2.4			CONCORDIA	LA					
		3	3.9	3	2.3	DE SOTO	LA		-41			71
1	.2	15	2.3	16	1.8	EAST BATON ROUGE	LA	1118	-19	889	99	56
1*	4.8	1	4.0			EAST CARROLL	LA	-16				
1	.9	2	1.4	3	1.7	EVANGELINE	LA	66	15	90	62	50
		1	1.5	1	.7	FRANKLIN	LA		-50			25
2*	3.7	2	3.3	1	1.0	GRANT	LA	-11	-68	-72	02	31
		5	2.9	6	3.0	IBERIA	LA		6			84
		5*	6.2	4	4.1	IBERVILLE	LA		-33			93
		2	2.4	1	1.2	JACKSON	LA		-48			37
6	1.7	6	.8	20	1.4	JEFFERSON	LA	-50	69	-16	20	42
3*	3.4	3	2.6	1	.7	JEFFERSON DAVIS	LA	-24	-71	-78	00	25
3	1.5	1	.3	8	1.9	LAFAYETTE	LA	-82	618	28	38	58
		4	2.1	7	2.6	LAFOURCHE	LA		25			77
1	1.8	1	1.7	3	3.1	LA SALLE	LA	-7	81	68	54	84
		3	2.8	5	3.3	LINCOLN	LA		20			87
		2	1.9	2	1.4	LIVINGSTON	LA		-25			42
		1	3.2	1	2.7	MADISON	LA		-18			78
				1	.7	MOREHOUSE	LA					25
1	1.0	3	2.6	2	1.3	NATCHITOCHES	LA	152	-50	25	37	38
25	1.1	25	1.0	46	1.9	ORLEANS	LA	-9	87	70	55	53
1	.4	10*	3.0	8	1.6	OUACHITA	LA	743	-46	356	94	49
1	2.0					PLAQUEMINES	LA					
		2	3.6	1	1.2	POINTE COUPEE	LA		-66			36
7*	2.1	6	1.5	5	.9	RAPIDES	LA	-30	-41	-59	04	28
1	3.3			3*	6.0	RED RIVER	LA			82	59	97
1	1.6	3*	4.2	3	3.2	RICHLAND	LA	154	-22	98	64	86
		1	1.1	2	1.4	SABINE	LA		24			41
1	4.4			1	.6	ST BERNARD	LA			-87	00	22
		2	3.3	1	.9	ST CHARLES	LA		-74			27
				1	1.4	ST JAMES	LA					41
				1	1.7	ST JOHN THE BAPT	LA					51
3	2.0	4	1.9	3	1.0	ST LANDRY	LA	-9	-47	-52	06	30
1	1.5			4	3.5	ST MARTIN	LA			127	72	88
		2	1.6	2	1.2	ST MARY	LA		-23			36
1	.7	3	2.1	4	1.1	ST TAMMANY	LA	180	-45	53	50	34
3	1.7	4	1.8	4	1.5	TANGIPAHOA	LA	3	-14	-11	22	46
		2*	9.7			TENSAS	LA					
		1	.6	6	2.4	TERREBONNE	LA		328			74
		2	2.1	3	2.2	UNION	LA		6			68
1	.7			5	1.9	VERMILION	LA			177	79	59
		1	.9	2	1.5	VERNON	LA		55			44
1	.8			4	1.9	WASHINGTON	LA			142	74	60
1	1.0	3	2.0	6	3.1	WEBSTER	LA	94	54	198	83	85
1*	4.7			1	2.4	WEST BATON ROUGE	LA			-49	07	73
		3*	5.0	3	3.8	WEST CARROLL	LA		-22			91
		2*	14.3			WEST FELICIANA	LA					
				1	1.2	WINN	LA					35
42	.8	75	1.3	134	1.9	MAINE	ME	59	44	129		
2	.4	3	.5	11	1.8	ANDROSCOGGIN	ME	36	225	343	93	55
4	1.1	5	1.3	8	1.7	AROOSTOOK	ME	19	27	52	49	51
10	1.0	15	1.2	26	2.0	CUMBERLAND	ME	29	64	112	67	63
1	.9	2	1.7	5	3.7	FRANKLIN	ME	80	121	299	91	90
4	2.1	2	.9	9	2.7	HANCOCK	ME	-55	183	26	37	78
5	1.0	7	1.2	8	1.1	KENNEBEC	ME	19	-8	10	31	33
2	.9	2	1.0	5	1.7	KNOX	ME	14	76	101	65	53
1	1.0	1	.7	2	1.0	LINCOLN	ME	-34	47	-3	25	30
		4	1.6	4	.8	OXFORD	ME		-47			26
5	.9	10	1.6	18	2.3	PENOBSCOT	ME	85	45	167	78	70
		1	1.0	2	1.2	PISCATAQUIS	ME		16			35
1	.9			3	1.8	SAGADAHOC	ME			107	66	56
		4	1.9	7	2.5	SOMERSET	ME		32			75
3	2.3	2	1.6	4	2.7	WALDO	ME	-31	70	17	33	79
1	.6	5	2.4	7	2.7	WASHINGTON	ME	299	11	345	93	79
3	.6	12	1.8	15	1.7	YORK	ME	203	-2	196	82	53
123	1.2	200	1.4	332	1.8	MARYLAND	MD	23	27	57		
		3	.5	10	1.6	ALLEGANY	MD		210			49
1	.3	11	1.4	18	1.4	ANNE ARUNDEL	MD	351	1	353	94	42
10	.8	35	1.5	62	1.9	BALTIMORE	MD	103	20	142	74	57
		1	1.6	1	.9	CALVERT	MD		-41			29
		2	2.1	4	2.5	CAROLINE	MD		18			75
3	1.2	1	.3	13	2.9	CARROLL	MD	-75	831	137	74	82

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		2	1.2	3	1.2	CECIL MD		2			35
		4*	5.1	5	3.4	CHARLES MD		-33			88
3	2.0	4	2.2	3	1.7	DORCHESTER MD	10	-23	-16	20	52
3	.9	4	1.1	10	2.0	FREDERICK MD	17	90	122	71	63
		1	1.0	2	1.2	GARRETT MD		18			36
2	1.1			10	2.3	HARFORD MD			120	70	72
2	2.1	3	2.1	6	2.2	HOWARD MD	-2	5	2	27	68
		2	2.8	1	.8	KENT MD		-71			26
16*	2.0	20	1.3	48	1.8	MONTGOMERY MD	-35	44	-6	24	57
10	1.3	29*	2.3	36	2.0	PRINCE GEORGE'S MD	80	-13	55	51	61
1	1.3					QUEEN ANNE'S MD					
1	1.5	2	2.0	2	1.5	ST MARY'S MD	32	-26	-3	25	44
1	1.0	3	3.4	1	.6	SOMERSET MD	234	-81	-38	12	23
2	2.4	3	2.2	4	2.5	TALBOT MD	-7	10	3	28	74
2	.5	6	1.1	11	1.5	WASHINGTON MD	140	33	218	85	45
		4	1.4	5	1.5	WICOMICO MD		4			43
2	2.0	2	1.8	5	3.1	WORCESTER MD	-9	74	58	51	85
64*	1.6	58	1.4	72	1.7	BALTIMORE CITY MD	-12	25	11	31	53
346*	1.2	529	1.6	675	1.7	MASSACHUSETTS MA	33	7	43		
6	1.7	13	2.3	27	2.1	BARNSTABLE MA	36	-11	21	35	64
12	1.5	12	1.2	17	1.7	BERKSHIRE MA	-16	35	13	32	50
19	.8	47	1.7	50	1.5	BRISTOL MA	103	-11	81	59	44
		1	1.5	2	2.6	DUKES MA		69			77
32	.9	63	1.6	77	1.6	ESSEX MA	75	-1	74	57	48
8*	2.5	7	1.9	8	1.7	FRANKLIN MA	-25	-14	-35	13	50
22	1.0	33	1.2	50	1.6	HAMPDEN MA	26	34	68	55	48
8	1.6	14	2.2	12	1.6	HAMPSHIRE MA	43	-27	4	28	48
72	1.1	113	1.5	147	1.6	MIDDLESEX MA	36	8	47	47	48
		1	4.1	1	2.2	NANTUCKET MA		-47			67
32	1.2	51	1.5	78	1.8	NORFOLK MA	27	21	53	50	57
12	.9	27	1.6	47	2.3	PLYMOUTH MA	75	43	151	76	71
64	1.3	87	1.8	82	1.7	SUFFOLK MA	42	-6	34	41	52
59*	1.8	60	1.5	77	1.7	WORCESTER MA	-13	11	-4	25	52
326	1.1	582*	1.6	848	1.9	MICHIGAN MI	49	21	79		
		2	4.0	2	2.3	ALCONA MI		-41			72
1	2.5	1	2.3	2	4.1	ALGER MI	-7	76	64	53	92
4	1.5	3	.9	9	2.2	ALLEGAN MI	-42	149	45	46	69
2	2.0			1	.5	ALPENA MI			-75	01	22
				3	3.2	ANTRIM MI					85
		2	3.4	1	1.0	ARENAC MI		-71			31
		1	3.0	1	1.9	BARAGA MI		-36			59
3	1.9	3	1.3	9*	4.1	BARRY MI	-35	223	110	67	92
9*	2.0	3	.6	13	2.1	BAY MI	-70	249	6	29	64
		1	2.4	2	2.5	BENZIE MI		4			74
12*	2.0	8	1.1	9	1.1	BERRIEN MI	-43	-2	-44	09	33
2	1.0	5	2.5	2	.8	BRANCH MI	158	-67	-14	21	27
11*	1.9	4	.6	18	2.2	CALHOUN MI	-67	248	16	33	68
1	.7	3	1.9	4	1.6	CASS MI	177	-12	145	75	49
2	2.7	2	2.3	3	2.7	CHARLEVOIX MI	-15	20	2	27	79
1	1.4	1	1.1	1	1.0	CHEBOYGAN MI	-17	-10	-25	16	31
1	1.0	4	3.1			CHIPPEWA MI	226				
		1	1.2	2	1.3	CLARE MI		5			39
		1	.6	5	2.5	CLINTON MI		291			75
		1	3.3			CRAWFORD MI					
		2	1.0	1	.6	DELTA MI		-38			23
2	1.4	3	2.2	3	1.3	DICKINSON MI	59	-39	-3	25	39
1	.5	8*	3.1	6	1.8	EATON MI	580	-42	296	91	56
		2	1.8	3	2.4	EMMET MI		34			73
8	.7	28	1.9	37	2.1	GENESEE MI	193	9	220	85	65
		1	1.2	1	.7	GLADWIN MI		-43			24
2	1.7	2	1.2	2	1.1	GOGEBIC MI	-28	-7	-34	13	34
2	1.0	1	.5	4	1.4	GRAND TRAVERSE MI	-48	163	38	43	41
1	.5	2	1.1	2	.7	GRATIOT MI	131	-36	49	48	25
3	1.7	3	1.3	3	1.2	HILLSDALE MI	-19	-11	-28	15	36
3	1.4	5	2.2	2	.6	HOUGHTON MI	57	-73	-57	05	23
1	.5	2	1.0	6	2.0	HURON MI	82	105	273	89	62
5	.6	15	1.6	24	2.2	INGHAM MI	146	36	237	87	67
1	.5	4	1.7	4	1.5	IONIA MI	222	-16	170	78	43
		4*	4.4	3	2.6	IOSCO MI		-41			76
3*	3.0	2	1.7	3	2.3	IRON MI	-42	35	-21	18	72
		1	.7	2	1.0	ISABELLA MI		39			29
9	1.5	5	.7	15	1.8	JACKSON MI	-50	146	22	36	56
10	1.4	18	2.2	21	2.2	KALAMAZOO MI	58	1	59	52	68
1*	4.7					KALKASKA MI					
24	1.5	34	1.7	52	2.1	KENT MI	19	23	46	46	66
		1*	6.5			KEWEENAW MI					
4	2.3	4	1.9	4	1.4	LAPEER MI	-18	-24	-37	12	42
		1	1.6	5*	6.4	LEELANAU MI		302			98
4	1.1	7	1.7	14	3.0	LENAWEE MI	51	75	165	77	83
		1	.4	1	.4	LIVINGSTON MI		-11			21
				1	1.9	LUCE MI					58
		2	3.8	4*	6.5	MACKINAC MI		73			98
9	.8	24	1.4	47	1.9	MACOMB MI	66	34	123	71	59
		3	2.7	2	1.2	MANISTEE MI		-55			36
1	.4	5	1.8	9	3.1	MARQUETTE MI	376	71	712	98	85
2	1.7	2	1.6	3	2.2	MASON MI	-4	37	31	40	68
1	1.1	1	1.0	2	1.2	MECOSTA MI	-8	13	3	28	35
		3	2.1	3	1.6	MENOMINEE MI		-24			47
2	1.6	3	1.8	7	2.5	MIDLAND MI	10	40	54	50	75
		1	3.2	4*	7.3	MISSAUKEE MI		128			98
2	.6	8	1.8	12	2.1	MONROE MI	195	20	254	88	66
2	1.2	3	1.5	7	2.5	MONTCALM MI	27	71	116	69	76
				2	5.5	MONTMORENCY MI					96
7	1.3	9	1.3	21	2.6	MUSKEGON MI	3	91	97	64	76
2	1.8	1	.7	7	3.9	NEWAYGO MI	-60	428	110	67	91
20	1.0	44	1.4	97	2.2	OAKLAND MI	40	50	110	67	67
		2	1.9	4	3.6	OCEANA MI		84			89

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	1.8			4	3.5	OGEMAW MI			91	62	89
				4*	5.9	ONTONAGON MI					97
		3	3.9	2	1.9	OSCEOLA MI		-52			57
				3	4.0	OTSEGO MI					92
7	1.9	7	1.6	10	1.5	OTTAWA MI	-15	-3	-18	19	46
		3*	4.9	1	1.3	PRESQUE ISLE MI		-73			39
1	2.1			2	1.5	ROSCOMMON MI			-29	15	44
5	.7	15	1.7	18	1.7	SAGINAW MI	148	-1	145	75	52
2	.4	14	2.4	19	2.6	ST CLAIP MI	497	9	553	97	76
		7	3.0	7	2.1	ST JOSEPH MI		-32			64
2	1.0	3	1.7	5	2.4	SANILAC MI	63	45	137	74	73
		1	1.9	2	3.4	SCHOOLCRAFT MI		78			88
1	.4	6	2.3	7	2.2	SHIAWASSEE MI	463	-4	441	96	68
3	1.4	4	1.6	5	2.1	TUSCOLA MI	11	32	47	47	66
8*	3.2	7	2.6	2	.6	VAN BUREN MI	-18	-76	-80	00	23
6	1.0	19*	2.7	22	2.5	WASHTENAW MI	169	-6	153	76	75
107	1.0	178	1.6	196	1.8	WAYNE MI	51	11	67	54	53
2	1.9	2	1.8	2	1.1	WEXFORD MI	-9	-37	-43	10	33
215*	1.3	344*	1.7	523*	2.1	MINNESOTA MN	30	22	59		
2	3.1	1	1.1	2	1.8	AITKIN MN	-64	60	-43	10	53
2	1.2	7	3.0	5	1.2	ANOKA MN	155	-60	1	27	35
1	.9	1	.7	3	2.2	BECKER MN	-15	190	147	75	67
				5	3.4	BELTPAMI MN					88
		1	1.3	4	3.6	BENTON MN		179			89
		1	1.9	1	1.4	BIG STONE MN		-25			42
1	.4	4	1.5	5	1.7	BLUE EARTH MN	257	14	306	92	52
3	2.1	2	1.3	4	1.8	BPOWN MN	-40	42	-15	20	55
				5	2.8	CARLTON MN					80
3*	3.3	2	1.6	3	1.8	CAPVER MN	-52	16	-44	09	56
		1	.9	8*	4.7	CASS MN		398			95
1	1.4	1	1.1	3	3.0	CHIPPEWA MN	-19	170	118	70	82
1	1.1	3	3.0	4	2.2	CHISAGO MN	169	-25	101	65	68
4*	3.1	5	2.7	10*	3.9	CLAY MN	-15	48	26	37	92
1	2.3	1	1.9	3	4.8	CLEARWATER MN	-14	149	114	68	95
1*	7.0					COOK MN					
		1	1.0	3	2.9	COTTONWOOD MN		184			82
1	.6	4	2.1	2	.7	CROW WING MN	233	-68	6	29	24
2	.7	5	1.3	18*	2.9	DAKOTA MN	73	124	287	90	82
		3	3.7	1	.9	DODGE MN		-75			28
3	3.0	2	1.7	8*	3.9	DOUGLAS MN	-44	132	31	39	91
1	.7	3	1.8	3	2.3	FARIBAULT MN	155	26	220	85	71
3	2.0			3	2.2	FILLMOPE MN			6	29	67
1	.5			3	1.2	FREEBORN MN			140	74	37
1	.6	5	2.2	6	2.0	GOODHUE MN	292	-7	264	89	63
1	1.7	1	2.4			GRANT MN	38				
58*	1.4	105*	2.1	124	2.1	HENNEPIN MN	46	0	46	46	65
1	1.3	3	3.0	3	2.0	HOUSTON MN	138	-33	59	52	63
1	1.9	1	1.2	3	2.8	HUBBAPD MN	-35	130	51	49	80
1	1.5	2	2.6	2	1.7	ISANTI MN	78	-36	13	32	50
4*	2.6	2	1.0	9*	4.3	ITASCA MN	-60	314	66	54	93
				2	1.7	JACKSON MN					50
1	2.3	2	3.4	4*	4.7	KANABEC MN	44	38	99	64	95
3	1.9	5	2.8	4	1.7	KANDIYOHI MN	47	-38	-9	23	52
				1	1.1	KOOCHICHING MN					33
2	2.5			3	3.6	LAC QUI PARLE MN			45	46	89
1	2.5	2	3.6	2	2.9	LAKE MN	46	-20	17	33	81
		2	1.3	3	2.4	LE SUEUR MN		83			72
1	2.1			1	1.3	LINCOLN MN			-40	11	38
1	1.1	3	2.6	5	2.9	LYON MN	144	9	166	78	81
		1	.5	2	1.0	MC LEOD MN		97			30
1	1.4	2	2.3			MARSHALL MN	64				
1	.8	1	.6	1	.5	MARTIN MN	-22	-20	-38	12	21
				3	2.2	MEEKER MN					67
1	1.3	3	3.0	3	2.2	MILLE LACS MN	138	-28	72	57	68
1	.9	3	2.1	8*	4.6	MORRISON MN	133	121	415	95	94
3	1.5	5	1.9	5	1.5	MCWER MN	26	-24	-4	25	43
				1	1.0	MURRAY MN					31
		1	.7	2	1.4	NICOLLET MN		88			41
		1	.9	5	3.3	NOBLES MN		284			87
1	1.4	1	1.9	4	3.0	NOPMAN MN	37	56	114	68	83
6	2.1	9	2.4	9	1.7	OLMSTED MN	15	-29	-19	18	50
3	1.1	5	1.4	11	2.3	OTTER TAIL MN	30	59	106	66	70
		4*	4.8	1	1.4	PENNINGTON MN		-72			40
		2	1.8	4	3.0	PINE MN		66			83
1	1.5	1	1.2	2	2.0	PIPESTONE MN	-20	69	36	41	62
5*	2.6	6	2.4	3	1.2	POLK MN	-7	-53	-56	05	35
1	1.3	2	2.5			POPE MN	98				
30	1.5	35	1.4	64	2.0	RAMSEY MN	-2	40	37	42	62
1	4.0	1	3.6	3*	8.7	RED LAKE MN	-9	142	119	70	99
1	.9			2	1.0	REDWOOD MN			19	35	31
2	1.6	6*	4.2	4	2.9	RENVILLE MN	154	-30	77	58	82
4	2.0	3	1.2	2	.7	RICE MN	-43	-41	-66	03	24
		4*	6.1	4*	4.3	ROCK MN		-29			94
1	1.9			5*	7.0	ROSEAU MN			268	89	98
22*	1.9	26	2.0	34	2.1	ST LOUIS MN	4	8	13	32	66
2	2.3	1	.9	7*	4.5	SCOTT MN	-60	396	98	64	94
2*	3.5			3	2.6	SHERBURNE MN			-26	16	76
		3	3.6	1	.8	SIBLEY MN		-79			25
5	1.6	5	1.3	2	.5	STEARNS MN	-17	-63	-69	02	22
2	1.6	2	1.4	2	1.3	STEELE MN	-14	-4	-18	19	39
				1	1.8	STEVENS MN					55
1	1.3	2	2.5	1	1.1	SWIFT MN	99	-59	-18	19	32
4*	3.1	4	2.5	7*	3.9	TODD MN	-18	54	26	37	91
1	.9	1	1.0	3	2.1	WABASHA MN	5	119	129	72	67
				1	.7	WADENA MN					25
		2	1.5	1	.9	WASECA MN		-43			27
1	.7	6	2.4	12*	3.7	WASHINGTON MN	261	54	457	96	90
1	1.4	3	3.5			WATONWAN MN	154				
				2	2.6	WILKIN MN					77

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
3	1.3	4	1.4	7	2.2	WINONA MN	6	57	66	54	69
1	.6	4	2.2	12*	4.0	WRIGHT MN	241	85	530	97	92
		4*	4.4	1	.6	YELLOW MEDICINE MN		-86			23
63	1.1	110	1.5	156	1.7	MISSISSIPPI MS	40	10	55		
1	1.7	1	1.3	1	1.0	ADAMS MS	-19	-27	-41	11	30
1	1.0	4	3.0	3	2.1	ALCORN MS	201	-31	109	67	64
1	1.4	1	1.4	1	.9	ATTALA MS	0	-35	-36	13	28
				2	5.6	BENTON MS					96
1	1.3	1	1.2	1	.8	BOLIVAR MS	-7	-34	-39	11	26
1	1.5	1	1.2	3	2.9	CALHOUN MS	-20	138	90	62	82
		1	3.2	1	2.9	CARROLL MS		-9			81
1	1.8	2	2.6	1	1.1	CHICKASAW MS	44	-59	-42	10	32
1*	6.1					CLAIBORNE MS					
		1	1.9	2	2.3	CLARKE MS		19			71
1	2.3	1	2.0	1	1.5	CLAY MS	-14	-28	-38	12	43
1	2.0	1	1.2	1	1.0	COAHOMA MS	-39	-17	-50	07	30
1	1.3			5*	3.9	COPIAH MS			200	83	91
1	2.1	1	1.8	2	3.0	COVINGTON MS	-16	69	42	45	83
1	2.0			1	.4	DE SOTO MS			-80	00	21
3	1.7	2	.9	4	1.4	FORREST MS	-50	69	-16	20	43
				2	4.2	FRANKLIN MS					93
		1	2.3	3	5.0	GEORGE MS		115			96
				1	2.8	GREENE MS					80
		3*	4.3	5*	6.1	GRENADA MS		42			97
1	1.9	1	1.1	1	.8	HANCOCK MS	-41	-28	-58	05	26
1	.4	10	2.7	2	.3	HARRISON MS	552	-87	-16	20	21
6	1.5	13	2.2	17	2.2	HINDS MS	44	-1	42	45	67
2*	4.4			1	1.2	HOLMES MS			-73	01	35
		2*	9.0			HUMPHREYS MS					
1	1.2	1	1.2			ITAWAMBA MS	6				
2	1.7	6*	3.4	5	1.6	JACKSON MS	102	-55	-9	23	46
		1	1.6			JASPER MS					
1	2.8	1	2.6	2	4.5	JEFFERSON DAVIS MS	-5	70	62	53	94
		6	2.8	4	1.4	JONES MS		-50			41
		2	2.8	3	2.2	LAFAYETTE MS		-19			69
1	2.5			2	2.5	LAMAR MS			4	28	76
1	.4	4	1.4	8	2.7	LAUDERDALE MS	234	86	522	97	78
		1	2.0	1	1.8	LAWRENCE MS		-12			55
2	2.9					LEAKE MS					
		2	1.0	7	2.9	LEE MS		188			82
1	1.3	2	1.9	2	1.9	LEFLORE MS	45	-1	43	45	58
		1	.8	1	.8	LINCOLN MS		1			27
3*	3.0	4	2.9	2	1.2	LOWNDES MS	-3	-59	-61	04	35
1	2.6			1	1.1	MADISON MS			-59	04	32
				2	1.6	MARION MS					49
				1	1.5	MARSHALL MS					46
1	1.0	1	.8	2	1.2	MONROE MS	-16	45	21	35	35
2*	4.5			2	3.0	MONTGOMERY MS			-33	13	83
1	1.2			3	1.7	NESHOBA MS			50	48	52
		3	3.1	2	2.0	NEWTON MS		-35			62
		2*	6.1	1	2.4	NOXUBEE MS		-60			73
1	1.8			2	2.7	OKTIBBEHA MS			49	48	79
1	1.5			4	4.2	PANOLA MS			178	80	93
1	1.4			1	.9	PEARL RIVER MS			-37	12	27
1	3.5			1	2.6	PERRY MS			-25	16	78
3	2.9	4	2.8	4	2.3	PIKE MS	-1	-18	-19	18	71
1	1.3	1	1.1	2	2.3	PONTOTOC MS	-9	97	79	58	69
		2	1.7	2	1.3	PRENTISS MS		-22			40
2	2.1	2	1.7	3	1.7	RANKIN MS	-21	0	-21	18	51
1	1.4	4*	5.1	2	1.4	SCOTT MS	254	-73	-3	25	41
		1	7.0			SHARKEY MS					
				2	1.5	SIMPSON MS					43
				1	1.8	STONE MS					56
1	1.2	1	1.1			SUNFLOWER MS	-3				
1	2.3	2	3.7	5*	7.7	TALLAHATCHIE MS	58	110	231	87	98
2	2.2			1	1.0	UNION MS			-57	05	29
				2	2.7	WALTHALL MS					78
2	1.9			2	1.2	WARREN MS			-38	11	35
1	1.0	4	3.0	2	1.2	WASHINGTON MS	219	-61	24	36	35
		1	1.7			WAYNE MS					
1	1.9	1	1.5	4*	4.6	WEBSTER MS	-22	210	141	74	94
		2	3.2	1	.9	WINSTON MS		-71			29
		1	1.3	3	3.2	YALOBUSHA MS		139			86
2	3.1					YAZOO MS					
211	.9	342	1.3	552	1.8	MISSOURI MO	40	37	92		
		2	1.1	3	1.7	ADAIR MO		54			53
1	1.2			2	1.5	ANDREW MO			28	38	44
1	1.9	1	.9	2	2.5	ATCHISON MO	-52	174	31	40	76
3	1.8	1	.8	4	2.1	AUDRAIN MO	-58	174	16	33	66
1	.7	1	.6	5	2.1	BARRY MO	-15	251	198	83	64
1	1.2					BARTON MO					
		2	1.1	1	.6	BATES MO		-50			22
		1	1.1	1	.6	BENTON MO		-46			23
				1	1.1	BOLLINGER MO					34
2	.9	9*	3.3	8	2.2	BOONE MO	266	-32	149	75	69
7	1.1	6	.9	16	2.5	BUCHANAN MO	-14	173	134	73	75
1	.5	3	1.5	5	1.8	BUTLER MO	170	21	227	86	55
		1	.8	1	1.0	CALDWELL MO		25			30
		2	1.2	4	2.5	CALLAWAY MO		109			75
				1	.7	CAMDEN MO					25
4	1.7	2	.7	9	2.5	CAPE GIRARDEAU MO	-62	276	44	45	75
				1	.6	CARROLL MO					23
		1	3.8			CARTER MO					
		2	1.3	4	2.0	CASS MO		57			63
2	2.2	3	3.5	1	.9	CEDAR MO	59	-75	-60	04	27
		1	1.1	2	1.5	CHARITON MO		34			44
		2	2.1	3	2.5	CHRISTIAN MO		20			76

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		2	2.8	1	1.5	CLARK MO		-45			45
7*	2.9	3	.8	12	2.2	CLAY MO	-72	165	-25	16	67
1	1.0			1	.7	CLINTON MO			-30	14	24
2	1.0	3	1.4	5	1.3	COLE MO	39	-3	35	41	39
3*	3.2	1	1.2	1	.4	COOPER MO	-62	-67	-87	00	21
1	1.5			2	1.5	CRAWFORD MO			1	27	44
		2	2.8			DADE MO					
1	1.7	3	3.5	3	3.0	DALLAS MO	99	-13	72	57	83
1	1.4			1	1.8	DAVIESS MO			27	38	55
		2	2.3	3	2.9	DENT MO		25			82
1	2.0			2	2.4	DOUGLAS MO			19	34	73
1	.6	6	3.0	4	1.5	DUNKLIN MO	439	-48	181	80	46
1	.4	4	1.6	5	1.3	FRANKLIN MO	257	-18	195	82	39
1	1.3	3	2.6	2	1.6	GASCONADE MO	101	-38	24	36	49
2	2.6	1	.8	3	3.4	GENTRY MO	-69	329	31	40	87
6	1.0	17	2.0	29	2.6	GREENE MO	109	31	174	79	78
1	.7	1	.9	1	.8	GRUNDY MO	19	-14	2	27	26
				2	1.7	HARRISON MO					53
3	2.1	1	.7	1	.7	HENRY MO	-65	-2	-66	03	24
1	1.4	1	2.0	1	1.4	HOLT MO	40	-28	0	27	43
2	2.7	2	1.5	2	2.7	HOWARD MO	-43	78	1	27	79
1	.9	1	.6	1	.5	HOWELL MO	-40	-14	-48	07	21
		1	1.5	2	2.3	IRON MO		56			71
36	1.2	41	1.2	66	1.7	JACKSON MO	-1	47	46	46	53
4	.9	8	1.3	12	1.9	JASPER MO	46	48	116	69	59
5	2.3	3	.9	8	1.5	JEFFERSON MO	-62	75	-33	13	46
		2	1.4	2	1.2	JOHNSON MO		-13			36
1	2.3			1	1.4	KNOX MO			-37	12	43
1	.9	2	1.4	2	1.2	LACLEDE MO	68	-19	36	42	35
4	2.4	2	1.0	6	1.8	LAFAYETTE MO	-60	85	-26	16	54
1	.6	1	.4	10*	4.4	LAWRENCE MO	-26	899	639	98	94
		1	.9			LEWIS MO					
		1	.8	1	.5	LINCOLN MO		-37			22
2	1.5	1	.9	5	3.4	LINN MO	-39	274	130	72	88
		3	2.2	2	1.5	LIVINGSTON MO		-33			44
1	1.4	1	1.0			MC DONALD MO	-26				
2	1.2	2	1.3	1	.7	MACON MO	5	-47	-44	09	24
1	2.2			2	2.8	MADISON MO			30	39	81
		1	2.1	1	1.7	MARIES MO		-22			50
1	.5	2	.9	1	.3	MARION MO	98	-64	-29	15	21
		2	3.8	1	2.6	MERCER MO		-32			76
1	1.1	1	.8	4	2.8	MILLER MO	-24	253	169	78	81
				2	2.0	MISSISSIPPI MO					62
1	1.4	3	3.7	1	1.4	MONITEAU MO	173	-62	4	28	42
1	1.5	1	1.2	5*	4.6	MONROE MO	-24	290	197	83	95
		2	2.4	2	1.6	MONTGOMERY MO		-32			50
2	3.1	1	1.2	1	.9	MORGAN MO	-62	-26	-72	01	27
		1	1.0			NEW MADRID MO					
		1	.5	5	2.2	NEWTON MO		334			67
2	1.2	3	1.4	3	2.5	NODAWAY MO	23	77	118	70	75
1	1.2					OREGON MO					
		1	1.2	2	2.7	OSAGE MO		124			78
		2	4.0			OZARK MO					
1	.8			4	2.3	PEMISCOT MO			189	81	71
		2	2.4	3	2.8	PERRY MO		18			80
2	.9	2	.9	6	2.1	PETTIS MO	-5	150	137	74	66
				2	.9	PHELPS MO					27
		4	3.8	1	.5	PIKE MO		-86			22
1	1.1	4	3.6	4	2.6	PLATTE MO	233	-28	138	74	77
1	.8	1	.9	4	2.7	POLK MO	12	206	243	88	79
		2	2.3	1	.9	PULASKI MO		-61			28
				1	2.2	RALLS MO					69
1	.4			9*	4.8	RANDOLPH MO			1013	99	95
		1	1.3			RAY MO					
		1	2.4	1	1.8	REYNOLDS MO		-25			56
		1	1.2	1	.7	RIPLEY MO		-44			24
2	1.1	4	1.6	8	1.9	ST CHARLES MO	46	21	76	58	60
				1	1.4	ST CLAIR MO					42
1	.4	5	1.7	8	2.8	ST FRANCOIS MO	329	62	596	98	80
21	.8	56	1.5	101	2.0	ST LOUIS COUNTY MO	80	29	133	73	61
1	.5	1	.5	6	3.0	SALINE MO	9	463	514	97	83
1	2.0					SCHUYLER MO					
		1	1.9			SCOTLAND MO					
2	1.5	1	.6	3	1.5	SCOTT MO	-59	138	-1	26	43
		1	3.0			SHANNON MO					
1	1.5	2	2.3			SHELBY MO	49				
		2	1.3	3	1.2	STODDARD MO		-13			35
		2	3.2	2	2.1	STONE MO		-33			66
				1	.9	SULLIVAN MO					28
		1	1.5	1	.9	TANEY MO		-37			29
1	1.0	1	1.0	1	.5	TEXAS MO	0	-45	-45	08	22
				2	1.1	VERNON MO					34
1	1.5			2	2.0	WASHINGTON MO			34	41	61
		1	1.6	3	4.7	WAYNE MO		191			95
				1	1.4	WEBSTER MO					41
		1	2.7	1	1.9	WORTH MO		-30			58
		1	1.1	2	1.6	WRIGHT MO		48			48
48	1.1	61	1.5	65	1.9	ST LOUIS CITY MO	34	30	74	57	59
31	1.1	52	1.6	81	2.0	MONTANA MT	45	25	81		
1	4.0					BIG HORN MT					
				1	2.8	BLAINE MT					80
1	2.0	2	3.2			CARBON MT	60				
3	1.4	5	1.6	15*	3.7	CASCADE MT	20	127	172	79	90
				1	2.8	CHOUTEAU MT					80
3*	5.1	2	3.4	1	1.0	CUSTER MT	-34	-69	-79	00	32
		1	1.6	2	3.7	DAWSON MT		127			90
		3	3.3	1	.9	DEER LODGE MT		-73			28
		1	6.1			FALLON MT					
		2	2.0	2	1.6	FERGUS MT		-23			47

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE				PERCENTILE RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	1970S
		2	1.2	6	2.6	FLATHEAD MT		109			76
		2	1.8	5	3.1	GALLATIN MT		72			85
1*	5.2			3*	9.5	GLACIEP MT			84	60	99
1*	7.7	1*	7.8			GRANITE MT	2				
		1*	5.6	1	5.4	JUDITH BASIN MT		-5			96
		1	1.2			LAKE MT					
2	1.3	3	1.7	7	3.4	LEWIS AND CLAPK MT	32	93	155	76	87
		1	2.0			LINCOLN MT					
1	2.6					MADISON MT					
				1	6.7	MINERAL MT					98
1	.6			7	2.4	MISSOULA MT			327	92	73
		1	4.1	1	3.0	MUSSELSHELL MT		-26			83
		1	1.6	2	2.3	PAPK#MT		48			71
1	3.6					PHILLIPS MT					
2*	7.6	1	3.1	1	1.8	PONDEPA MT	-59	-41	-76	01	57
1	3.2					POWELL MT					
		1	1.4	2	1.4	RAVALLI MT		0			41
		1	2.0	1	.9	RICHLAND MT		-55			28
1	3.3					ROOSEVELT MT					
				1	3.2	ROSEBUD MT					86
3*	11.1	1	4.1			SHERIDAN MT	-63				
4	1.6	6	2.3	7	2.5	SILVER BOW MT	45	10	60	52	75
1	3.5	1	3.5	1	2.7	STILLWATER MT	0	-23	-24	17	78
				1	4.3	TETON MT					93
1*	27.0					TREASURE MT					
		3*	6.8			VALLEY MT					
				1*	13.3	WIBAUX MT					99
3	1.0	9	2.5	10	2.1	YELLOWSTONE MT	143	-18	100	65	65
81	1.1	165*	1.9	222*	2.1	NEBRASKA NB	77	11	97		
1	.4	8*	3.5	9	3.7	ADAMS NB	678	6	726	98	90
1	1.3	1	1.2	2	2.1	ANTELOPE NB	-10	84	65	54	67
				1*	14.1	BANNER NB					99
		2	3.7			BOONE NB					
				2	2.1	BOX BUTTE NB					65
		2*	7.0			BOYD NB					
1	.7	2	1.1	6	2.3	BUFFALO NB	60	112	241	87	71
2	2.9			5*	7.8	BUPT NB			165	78	98
		3	3.6	1	.8	BUTLER NB		-77			26
1	.9	3	3.0	2	1.7	CASS NB	228	-43	87	61	52
		4*	4.9	3	3.2	CEDAR NB		-35			86
		1	2.6			CHASE NB					
		1	2.8	1	2.6	CHERPY NB		-4			78
				1	1.6	CHEYENNE NB					47
		4*	5.1	1	.6	CLAY NB		-88			23
1	1.7	2	2.3	1	1.2	COLFAX NB	39	-50	-31	14	34
		2	2.7	3	3.1	CUMING NB		12			84
1	.9	1	.7	3	1.9	CUSTER NB	-22	184	121	70	60
1	2.6	1	1.6	3	4.4	DAKOTA NB	-39	174	68	55	94
1	1.5	2	3.1	3	2.5	DAWES NB	106	-18	68	55	76
		1	.8	2	1.3	DAWSON NB		64			38
		1	3.9			DEUEL NB					
1	1.8	1	2.2	3	4.5	DIXON NB	22	99	142	74	94
		6	2.9	3	1.3	DODGE NB		-57			38
26*	1.7	32	1.8	49	2.2	DOUGLAS NB	4	26	31	40	69
		1	4.2			DUNDY NB					
1	1.6	2	4.6	4*	4.1	FILLMOPE NB	191	-11	159	77	93
		1	2.2			FRANKLIN NB					
		3*	9.9	1	3.0	FRONTIER NB		-70			83
		1	1.5	3	4.1	FURNAS NB		169			93
3	1.9	3	1.7	6	2.9	GAGE NB	-6	68	58	51	82
				2*	40.8	GARDEN NB					99
				1	5.1	GARFIELD NB					96
		1*	7.9			GOSPER NB					
				1	2.1	GREELEY NB					66
1	.5	4	1.5	4	1.6	HALL NB	189	5	204	83	47
				1	.9	HAMILTON NB					28
		2*	4.4	1	1.7	HAPLAN NB		-61			51
				2	5.0	HITCHCOCK NB					96
				1	.6	HOLT NB					23
1	2.3			2	4.5	HOWARD NB			94	62	94
				2	1.4	JEFFEPSON NB					43
		1	2.1	3*	6.5	JOHNSON NB		209			98
2*	4.6	3*	6.5	3*	6.2	KEARNEY NB	41	-5	34	41	97
1	2.8	1	2.8			KEITH NB	-1				
2	2.6	1	1.3	1	1.5	KNOX NB	-49	11	-43	09	44
6	.8	18	1.9	20	1.7	LANCASTER NB	144	-11	118	70	52
2	1.5	5	3.0	3	1.3	LINCOLN NB	105	-57	-12	21	39
1	.6	5	2.8	2	.7	MADISON NB	348	-75	12	31	24
1	2.2	1	1.6	1	1.1	MEPRICK NB	-27	-30	-49	07	34
		1	2.4	2	4.0	MORRILL NB		71			92
		1	2.8	2	4.9	NANCE NB		72			96
				2	1.6	NEMAHA NB					47
1	2.3	1	1.9	5*	7.5	NUCKOLLS NB	-20	307	224	85	98
2	1.8	2	2.2	2	1.6	OTOE NB	22	-26	-10	23	49
1	2.9					PAWNEE NB					
				1	3.6	PERKINS NB					89
		2	2.9	1	1.1	PHELPS NB		-61			33
2*	4.3	2	4.1	2	2.8	PIEPCE NB	-5	-33	-36	12	80
1	.8	2	1.4	5	3.0	PLATTE NB	81	120	298	91	83
1	1.8			3	4.6	POLK NB			160	77	95
1	1.6	1	1.7	1	1.4	RED WILLOW NB	8	-17	-10	23	43
1	1.0	3	3.7	1	.6	RICHARDSON NB	286	-84	-38	12	23
				3*	21.6	ROCK NB					99
1	1.1	3	2.1	3	2.6	SALINE NB	90	21	131	72	76
				2	1.0	SARPY NB					31
1	1.2	5*	4.5	2	1.6	SAUNDERS NB	289	-65	37	42	47
1	.7	1	.4			SCOTTS BLUFF NB	-40				
				2	1.9	SEWARD NB					58
3*	7.1					SHERIDAN NB					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				3*	7.9	SHERMAN	NB					99
1	2.8					STANTON	NB					
1	1.4	2	3.6	3	6.0	THAYER	NB	163	67	338	93	97
				1*	12.6	THOMAS	NB					99
				1	3.9	THURSTON	NB					91
1	1.9			1	1.3	VALLEY	NB			-34	13	38
1	1.7	1	1.5	1	.9	WASHINGTON	NB	-11	-42	-48	07	27
2*	3.8	1	1.3	2	2.7	WAYNE	NB	-65	106	-29	15	79
		1	3.1	2	3.0	WEBSTER	NB		-2			84
1	1.0	3	2.7	1	1.0	YORK	NB	165	-61	2	27	32
5	.8	19	1.3	43	1.7	NEVADA	NV	76	26	122		
		1	2.1			CHURCHILL	NV					
		9	1.3	18	1.3	CLARK	NV		0			40
		1	1.7	3	4.6	ELKO	NV		168			95
				1	4.2	HUMBOLDT	NV					93
				1*	7.7	LANDER	NV					98
				1	2.3	LYON	NV					70
3	1.2	7	1.6	14	1.9	WASHOE	NV	40	13	58	52	57
1	3.8	1	2.1	1	2.7	WHITE PINE	NV	-44	30	-28	15	79
1	4.5			4	3.8	ORMSBY-CARSON CITY	NV			-16	20	90
34	1.0	51	1.3	84	1.7	NEW HAMPSHIRE	NH	24	31	63		
		6	2.9	5	2.3	BELKNAP	NH		-22			69
1	.9	1	.8	3	1.6	CARROLL	NH	-13	109	81	59	47
2	.9	4	1.5	7	1.9	CHESHIRE	NH	68	29	117	70	60
2	1.1	3	1.3	5	2.0	COOS	NH	23	51	86	61	63
3	1.2	5	1.5	10	2.7	GRAFTON	NH	28	82	133	73	79
7	.7	9	.8	22	1.5	HILLSBOROUGH	NH	18	69	123	71	45
6	1.4	7	1.4	10	1.7	MERRIMACK	NH	-5	25	18	34	52
7	1.5	8	1.4	11	1.3	ROCKINGHAM	NH	-7	-11	-17	19	38
2	.7	2	.5	7	1.6	STRAFFORD	NH	-20	190	133	73	47
4*	2.6	6*	3.3	4	1.6	SULLIVAN	NH	28	-52	-39	11	47
271	1.0	534	1.5	750	1.8	NEW JERSEY	NJ	57	15	80		
8	1.0	14	1.3	20	1.4	ATLANTIC	NJ	38	4	43	45	40
33	1.0	74	1.6	94	1.7	BERGEN	NJ	68	2	72	56	50
6	.9	20	2.0	32	2.4	BURLINGTON	NJ	136	16	174	79	72
15	.9	26	1.2	38	1.5	CAMDEN	NJ	33	26	67	54	46
1	.4	7	1.7	8	1.0	CAPE MAY	NJ	343	-42	157	76	30
3	.6	7	1.3	10	1.4	CUMBERLAND	NJ	121	9	142	74	41
50	1.1	76	1.5	95	2.0	ESSEX	NJ	44	31	88	61	61
7	1.5	10	1.5	19	2.3	GLOUCESTER	NJ	5	47	54	50	69
34	1.0	51	1.4	50	1.3	HUDSON	NJ	41	-5	33	41	39
1	.3	4	1.1	9	2.1	HUNTERDON	NJ	223	93	525	97	66
13	1.1	17	1.1	34	2.0	MERCER	NJ	7	73	85	60	61
14	1.0	38	1.9	51	1.9	MIDDLESEX	NJ	92	2	95	63	60
13	.9	25	1.2	63	2.3	MONMOUTH	NJ	33	88	150	75	69
6	.6	27	1.8	34	1.8	MORRIS	NJ	225	-3	216	85	54
6	1.0	9	1.0	39	1.7	OCEAN	NJ	-1	79	78	58	53
17	.9	42	1.7	42	1.5	PASSAIC	NJ	97	-12	74	57	44
3	1.4	3	1.1	8	2.4	SALEM	NJ	-23	120	70	55	73
12*	2.1	13	1.7	19	2.0	SOMERSET	NJ	-18	18	-3	25	63
2	1.1	5	1.5	6	1.1	SUSSEX	NJ	32	-27	-4	25	33
26	1.2	54	2.0	65	2.0	UNION	NJ	72	-1	70	55	61
1	.3	12*	2.9	14	2.5	WARREN	NJ	809	-16	667	98	74
11	.4	43	1.3	76	1.7	NEW MEXICO	NM	239	28	334		
2	.3	19	1.9	24	1.7	BERNALILLO	NM	560	-11	487	96	51
		2	1.2	4	1.3	CHAVES	NM		8			38
		1	.9	6	3.3	CURRY	NM		283			86
		3	1.6	8	2.9	DONA ANA	NM		77			81
1	.4	1	.5	2	.7	EDDY	NM	39	43	99	64	25
1	1.8	1	1.2	3	2.4	GRANT	NM	-32	103	39	43	74
				1	4.0	GUADALUPE	NM					92
		2	1.4	4	2.1	LEA	NM		56			66
2*	4.8			2	2.8	LUNA	NM			-42	10	80
1	1.4			1	1.7	MC KINLEY	NM			22	35	53
				1	1.4	QUAY	NM					40
				3	3.9	RIO ARRIBA	NM					91
1	1.3			2	1.0	SAN JUAN	NM			-21	18	30
		3	2.7	3	3.0	SAN MIGUEL	NM		13			83
		4	2.1	9	3.0	SANTA FE	NM		45			84
		1	2.3			SOCORRO	NM					
1	1.8	2	2.8	1	1.5	TAOS	NM	57	-47	-17	19	45
		1	3.3			TORRANCE	NM					
				1	2.5	UNION	NM					75
2	2.5	3	3.9	1	.6	VALENCIA	NM	57	-85	-77	01	22
1001*	1.2	1508	1.5	1937	1.8	NEW YORK	NY	29	16	50		
15	1.0	35	2.0	45	2.2	ALBANY	NY	102	12	125	71	68
3	1.5	2	.7	4	1.5	ALLEGANY	NY	-55	131	5	28	45
108*	1.3	135	1.6	142	1.9	BRONX	NY	21	19	43	45	59
16	1.5	23	1.8	36	2.3	BROOME	NY	21	25	52	49	70
11*	2.6	5	1.0	12	2.0	CATTARAUGUS	NY	-63	107	-23	17	62
4	.9	4	.9	12	2.3	CAYUGA	NY	-4	173	163	77	71
10	1.2	13	1.4	23	2.2	CHAUTAUQUA	NY	15	61	84	60	68
4	.8	5	.8	7	1.0	CHEMUNG	NY	6	24	31	40	32
4	1.7	2	.6	5	1.6	CHENANGO	NY	-64	166	-5	24	48
2	.8	6	2.0	5	1.3	CLINTON	NY	161	-35	70	56	39
3	1.1	8	2.2	9	1.9	COLUMBIA	NY	109	-13	82	59	60
1	.4	1	.5	4	1.6	CORTLAND	NY	26	212	293	91	47
4	1.6	2	.7	4	1.3	DELAWARE	NY	-57	95	-16	20	39
11	1.2	12	1.0	14	1.1	DUTCHESS	NY	-15	4	-12	21	32
51	1.0	80	1.4	127	1.9	ERIE	NY	32	39	83	60	59
1	.5	2	.8	8	2.8	ESSEX	NY	51	254	433	95	81

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	.5	5	1.9	6	2.2	FRANKLIN	NY	305	11	348	94	67
3	.8	5	1.5	10	2.4	FULTON	NY	93	58	203	83	74
4	1.6	5	1.6	4	.9	GENESEE	NY	0	-41	-41	10	29
1	.4	3	1.1	5	1.7	GREENE	NY	156	50	286	90	50
2*	8.1			1	2.9	HAMILTON	NY			-65	03	81
3	.9	4	.9	6	1.2	HERKIMER	NY	4	36	41	44	36
3	.5	2	.3	8	1.3	JEFFERSON	NY	-33	277	154	76	38
204*	1.5	195	1.4	225	1.7	KINGS(BROOKLYN)	NY	-9	24	12	32	51
2	1.6	4	2.7	1	.6	LEWIS	NY	68	-77	-62	04	23
		3	1.1	7	2.4	LIVINGSTON	NY		120			73
2	.7	3	.9	7	2.0	MADISON	NY	33	125	199	83	63
42	1.3	66	1.8	95	2.3	MONROE	NY	35	26	69	55	70
3	.7	6	1.3	7	1.5	MONTGOMERY	NY	80	17	111	67	44
53	1.3	113*	1.9	131	1.7	NASSAU	NY	40	-8	29	39	52
123	1.2	256*	2.6	157	1.8	NEW YORK(MANHATTAN)	NY	111	-31	45	46	54
9	.9	21	1.8	31	2.2	NIAGARA	NY	94	21	136	73	68
12	.9	18	1.2	18	1.0	ONEIDA	NY	28	-15	8	30	30
32*	1.7	42	1.8	46	1.6	ONONDAGA	NY	8	-9	-2	25	49
4	1.2	6	1.4	6	1.2	ONTARIO	NY	13	-10	2	27	37
12	1.2	22	1.9	19	1.3	ORANGE	NY	53	-29	8	30	40
2	1.1	2	1.0	4	1.6	ORLEANS	NY	-9	61	47	47	48
6	1.4	10	2.1	9	1.5	OSWEGO	NY	45	-25	8	30	46
1	.4	6	1.8	12	3.1	OTSEGO	NY	417	72	790	99	85
1	.8	5	2.4	12*	3.5	PUTNAM	NY	178	49	314	92	89
86	.9	121	1.0	269	1.9	QUEENS	NY	9	96	113	68	60
8	1.0	11	1.1	23	2.0	RENSSELAER	NY	15	84	112	68	64
8	.8	18	1.3	27	1.6	RICHMOND	NY	76	16	103	65	46
5	.8	14	1.6	13	1.1	ROCKLAND	NY	103	-31	41	44	34
4	.7	11	1.9	8	1.3	ST LAWRENCE	NY	183	-32	92	62	39
4	.9	7	1.3	14	2.0	SARATOGA	NY	45	50	117	69	62
11	1.3	20	1.9	19	1.6	SCHENECTADY	NY	53	-18	26	37	48
2	1.6	1	.7	4	1.9	SCHOHARIE	NY	-55	156	16	33	58
		3	3.2	1	1.1	SCHUYLER	NY		-65			33
1	.6	4	1.8	5	1.9	SENECA	NY	183	4	195	82	59
3	.5	14	2.3	13	1.8	STEUBEN	NY	352	-24	242	87	54
18	.7	41	1.0	102	1.8	SUFFOLK	NY	40	72	141	74	55
3	1.2	6	1.8	11	2.9	SULLIVAN	NY	50	62	143	75	82
		2	1.1	2	.8	TIOGA	NY		-20			27
3	1.0	4	1.2	3	.8	TOMPKINS	NY	27	-35	-17	19	26
7	1.0	13	1.8	18	2.0	ULSTER	NY	73	11	91	62	61
3	1.2	3	1.0	5	1.3	WARREN	NY	-14	29	11	31	39
3	1.1	4	1.3	2	.6	WASHINGTON	NY	18	-52	-43	09	23
6	1.5	2	.6	14	3.0	WAYNE	NY	-64	441	95	63	83
51	1.3	69	1.4	95	1.7	WESTCHESTER	NY	6	17	24	36	50
2	1.1	2	1.1	2	.6	WYOMING	NY	3	-49	-47	08	22
		1	.5	3	2.1	YATES	NY		306			65
143	1.1	234	1.3	465	1.9	NORTH CAROLINA	NC	23	43	76		
3	1.2	1	.2	10	2.0	ALAMANCE	NC	-80	746	68	55	60
				1	.9	ALEXANDER	NC					29
				3	4.8	ALLEGHANY	NC					95
		2	2.1	1	1.0	ANSON	NC		-52			31
1	1.1	1	1.0	2	1.2	ASHE	NC	-5	24	17	33	37
1	2.0			2	3.0	AVERY	NC			49	48	83
1	.8	5*	3.6	5	2.8	BEAUFORT	NC	327	-23	229	86	60
1	1.8	1	1.5	2	2.8	BERTIE	NC	-14	79	54	50	80
		1	1.1	1	1.0	BLADEN	NC		-8			31
		1	1.1	2	1.7	BRUNSWICK	NC		56			53
8	1.4	10	1.3	20	2.0	BUNCOMBE	NC	-9	55	41	44	62
1	.4	2	.8	4	1.1	BURKE	NC	123	30	191	81	33
4	2.1	4	1.5	8	1.8	CABARRUS	NC	-37	34	-16	20	54
1	.9	5	2.3	5	2.0	CALDWELL	NC	160	-13	126	71	62
1*	6.5					CAMDEN	NC					
2	1.9	1	.8	5	2.7	CARTERET	NC	-60	248	38	43	79
2*	4.1			2	2.7	CASWELL	NC			-34	13	79
2	1.1	4	1.1	8	1.7	CATAWBA	NC	-2	58	55	51	51
1	1.1			4	2.8	CHATHAM	NC			152	76	80
				1	1.0	CHEROKEE	NC					29
		1	4.4			CHOWAN	NC					
1	3.3			1	1.7	CLAY	NC			-47	08	52
2	.9	2	.7	8	2.0	CLEVELAND	NC	-23	186	121	71	62
1	.7	2	1.6	4	2.1	COLUMBUS	NC	128	36	210	84	65
3	2.7	1	.9	4	2.0	CRAVEN	NC	-68	140	-23	17	63
3	1.4	4	1.6	5	1.0	CUMBERLAND	NC	12	-36	-28	15	31
				1	2.0	CURRITUCK	NC					62
3	1.3	5	1.5	8	1.5	DAVIDSON	NC	17	-5	12	31	43
1	2.1	1	1.1			DAVIE	NC	-46				
2	2.5			4	2.4	DUPLIN	NC			-5	24	73
3	1.0	10	2.5	16	2.8	DURHAM	NC	144	12	172	79	80
2	1.8	2	1.7	4	2.4	EDGECOMBE	NC	-2	37	34	41	72
7	1.4	9	1.2	17	1.7	FORSYTH	NC	-11	41	25	37	52
1	2.3	2	2.0	2	1.2	FRANKLIN	NC	-13	-39	-47	08	37
1	.2	9	1.7	10	1.4	GASTON	NC	687	-17	552	97	41
		1	3.4			GATES	NC					
2	2.0			1	.8	GRANVILLE	NC			-62	04	26
1	2.7	2*	4.8			GREENE	NC	76				
11	1.4	13	1.4	28	2.0	GUILFORD	NC	-4	44	38	43	62
		2	1.2	7	3.2	HALIFAX	NC		164			85
		4	2.4	9*	3.6	HARNETT	NC		51			89
1	.6	3	1.4	7	2.3	HAYWOOD	NC	131	62	276	90	71
1	.7	6	2.5	7	1.8	HENDERSON	NC	282	-27	177	79	55
		1	1.6	2	3.2	HERTFORD	NC		107			86
1	10.6	1	3.9			HYDE	NC	-63				
5	2.2	7	2.5	7	1.7	IREDELL	NC	12	-31	-23	17	52
				3	3.0	JACKSON	NC					83
2	.8	3	1.3	8	2.4	JOHNSTON	NC	60	84	193	82	72
				1	3.0	JONES	NC					82
				4	1.9	LENOIR	NC					59
				6	3.1	LINCOLN	NC					84
3*	3.0	1	.6	2	1.1	MC DOWELL	NC	-79	75	-63	04	34

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		1	.9	5	3.7	MACON	NC		312			90
1	1.1	3	3.0			MADISON	NC	159				
		2	3.0	4	4.7	MAPTIN	NC		56			95
9	1.2	11	1.1	27	1.9	MECKLENBURG	NC	-12	77	56	51	59
1	1.7			6*	5.6	MONTGOMERY	NC			225	86	97
2	1.4	1	.5	6	2.4	MOORE	NC	-63	361	72	56	73
		4	2.2	6	2.1	NASH	NC		-2			65
1	.4	2	.8	8	1.9	NEW HANOVER	NC	105	124	359	94	57
2*	3.3	2	2.7	2	2.7	NORTHAMPTON	NC	-17	0	-17	19	79
		4*	4.1	4	1.7	ONSLOW	NC		-59			51
1	1.0	1	.5	3	1.2	ORANGE	NC	-46	130	25	36	36
		1	2.1	3*	5.7	PAMLICO	NC		172			97
		1	1.1			PASQUOTANK	NC					
				2	2.9	PENDER	NC					81
1	3.2	2*	5.2	1	1.9	PERQUIMANS	NC	62	-64	-42	10	58
1	1.5	1	.9	1	.8	PERSON	NC	-40	-11	-46	08	26
2	1.5	1	.4	4	1.6	PITT	NC	-70	262	9	31	49
				1	1.3	POLK	NC					40
1	.3	5	1.7	7	1.6	RANDOLPH	NC	491	-5	463	96	48
1	.8	3	2.0	2	1.1	RICHMOND	NC	164	-44	47	47	34
1	.6	1	.5	4	1.6	ROBESON	NC	-15	206	160	77	48
		5	1.6	4	1.0	ROCKINGHAM	NC		-39			30
6	2.1	6	1.6	10	1.7	ROWAN	NC	-25	6	-20	18	51
1	.5	2	.8	8	2.3	RUTHERFORD	NC	66	182	367	94	70
1	.7	1	.6			SAMPSON	NC	-18				
		1	1.5	2	2.2	SCOTLAND	NC		42			68
2	2.2	5	2.9	8	3.0	STANLY	NC	35	3	38	43	83
		2	1.9	2	1.5	STOKES	NC		-18			46
1	.4	4	1.6	11	3.1	SURRY	NC	351	96	785	98	85
1	1.6	1	1.4	3	2.7	TRANSYLVANIA	NC	-10	86	67	54	78
2	1.6			6	2.3	UNION	NC			48	47	71
2	2.9	3	2.9	2	1.4	VANCE	NC	1	-52	-52	06	41
9*	2.2	13	2.0	20	2.2	WAKE	NC	-8	8	-1	26	68
1	2.0			2	3.6	WARREN	NC			83	59	89
		2*	5.0	2	4.0	WASHINGTON	NC		-20			92
1	1.3	2	1.9	2	1.1	WATAUGA	NC	46	-44	-19	18	33
1	.6	4	1.8	7	2.5	WAYNE	NC	217	38	339	93	76
2	1.2	3	1.3	2	.7	WILKES	NC	9	-48	-44	09	24
1	.7	2	1.2	10*	4.2	WILSON	NC	71	249	496	96	93
2	2.3	2	1.7	5	3.4	YADKIN	NC	-23	93	49	48	87
				1	1.3	YANCEY	NC					39
38	1.4	61*	2.0	91*	2.5	NORTH DAKOTA	ND	37	25	71		
2	2.4			1	1.0	BARNES	ND			-59	05	30
		1	2.6	1	1.9	BENSON	ND		-27			58
		1	1.9	1	1.3	BOTTINEAU	ND		-31			38
1*	5.2					BOWMAN	ND					
1	3.2	1	3.3			BURKE	ND	5				
2	1.8	7*	4.4	7	2.9	BURLEIGH	ND	148	-34	64	53	82
6	2.3	12*	3.5	15*	3.6	CASS	ND	51	5	59	52	89
1	2.2			4*	8.5	CAVALIER	ND			279	90	99
1	2.3	1	2.5	1	1.5	DICKEY	ND	9	-38	-33	13	45
		1	4.6			DUNN	ND					
1*	4.8					EDDY	ND					
1	2.8			2	4.4	EMMONS	ND			61	52	94
		2*	7.5			FOSTER	ND					
				1	6.1	GOLDEN VALLEY	ND					97
1	.5	3	1.2	5	1.9	GRAND FORKS	ND	137	58	275	90	58
				1	3.2	GRANT	ND					85
1	4.0			1	2.8	GRIGGS	ND			-29	15	61
1*	4.5	1	4.2	1	2.9	HETTINGER	ND	-5	-31	-35	13	82
				1	4.2	KIDDER	ND					93
1	2.5	2	4.9			LA MOURE	ND	95				
1*	4.6			1*	14.9	LOGAN	ND			224	86	99
2*	4.2	1	2.4	2	3.1	MC HENRY	ND	-43	31	-25	16	85
1	2.9	1	2.6	2	3.3	MC INTOSH	ND	-9	28	16	33	87
				2*	4.9	MC KENZIE	ND					95
1	2.6	1	1.6			MC LEAN	ND	-39				
1	2.8	1	3.2	1	1.9	MERCER	ND	16	-40	-31	14	60
3*	3.5			1	.8	MOPTON	ND			-76	01	27
				2	3.8	MOUNTRAIL	ND					91
1	2.8			2	2.7	NELSON	ND			-1	26	79
				2*	18.0	OLIVER	ND					99
				5*	6.1	PEMBINA	ND					97
1	3.1	1	2.2	1	2.4	PIERCE	ND	-28	9	-22	18	73
1	1.5	2	2.4	1	.8	RAMSEY	ND	58	-65	-45	08	27
		1	1.6	2	3.5	RANSOM	ND		120			89
		2*	10.5			RENVILLE	ND					
3*	3.0	3	2.9	2	1.8	RICHLAND	ND	-5	-39	-42	10	54
		1	3.8	1	3.0	ROLETTE	ND		-21			83
1	3.3	1	2.8	3*	10.4	SARGENT	ND	-16	276	216	85	99
1*	4.9					SHERIDAN	ND					
		1	1.4			STARK	ND					
		1	4.0	2*	6.9	STEELE	ND		72			98
				3	1.7	STUTSMAN	ND					52
1	3.8					TOWNER	ND					
		2	3.0	3	2.6	TRAILL	ND		-13			77
		2	1.9	4	4.0	WALSH	ND		116			92
		4	1.9	2	.9	WARD	ND		-53			28
				2	2.9	WELLS	ND					81
		4*	4.5	3	2.9	WILLIAMS	ND		-37			81
446	1.1	701	1.4	1087	1.9	OHIO	OH	34	32	77		
1	1.0	2	1.5	2	1.7	ADAMS	OH	43	12	59	52	50
4	.8	5	.9	22*	3.2	ALLEN	OH	14	243	289	91	85
2	.9	6	2.6	6	2.0	ASHLAND	OH	187	-23	122	71	63
9*	2.0	3	.6	2	.3	ASHTABULA	OH	-68	-47	-83	00	21
4	1.5	2	.8	9	3.4	ATHENS	OH	-49	348	127	72	87
1	.6	4	2.1	6	2.3	AUGLAIZE	OH	247	11	286	90	72

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
3	.6	10	1.9	9	1.6	BELMONT OH	210	-12	172	79	50
1	.7			2	1.1	BROWN OH			70	56	33
12	1.6	16	1.8	21	1.8	BUTLER OH	11	2	13	32	56
		1	.8	2	1.5	CARROLL OH		74			43
2	1.3	4	2.5	3	1.7	CHAMPAIGN OH	100	-32	36	42	52
3	.5	11	1.5	15	1.8	CLARK OH	182	15	225	86	54
1	.4	5	1.5	8	1.7	CLERMONT OH	289	12	337	93	53
3	1.9	2	1.2	6	3.2	CLINTON OH	-39	181	71	56	86
6	1.1	9	1.5	14	2.0	COLUMBIANA OH	41	30	83	60	63
3	1.6	5	2.2	3	1.5	COSHOCTON OH	35	-34	-10	22	43
3	1.4	2	.7	7	1.9	CRAWFORD OH	-50	170	34	41	58
95*	1.3	126	1.5	176	1.9	CUYAHOGA OH	16	25	45	46	58
1	.5	3	1.1	6	1.6	DARKE OH	135	44	238	87	47
1	.6	2	1.1	2	1.0	DEFIANCE OH	79	-8	64	53	31
1	.6	3	1.5	4	1.6	DELAWARE OH	172	8	193	82	49
3	1.0	3	.9	7	1.7	ERIE OH	-14	96	69	55	51
1	.3	6	1.6	8	1.8	FAIRFIELD OH	417	12	480	96	55
1	.6	1	.8	2	1.3	FAYETTE OH	42	64	132	73	39
25	1.0	44	1.4	61	1.6	FRANKLIN OH	42	17	67	54	48
2	1.2	4	2.2	5	2.6	FULTON OH	87	16	117	69	76
2	1.4			3	1.8	GALLIA OH			29	39	55
		5	2.2	2	.9	GEAUGA OH		-61			27
2	.8	3	.9	14*	3.1	GREENE OH	10	236	268	89	84
3	1.0	5	1.8	2	.7	GUERNSEY OH	81	-62	-32	14	24
55	1.4	66	1.5	88	1.8	HAMILTON OH	5	22	28	38	55
4	1.3	7	2.1	7	1.7	HANCOCK OH	61	-21	26	37	50
3	2.1	5	2.3	4	2.3	HARDIN OH	10	3	13	32	72
1	1.1			3	2.7	HARRISON OH			161	77	80
1	.7	2	1.4	3	2.0	HENRY OH	93	38	166	78	61
		3	1.3	5	2.3	HIGHLAND OH		70			70
2	1.9	4	3.7	2	1.2	HOCKING OH	101	-68	-36	13	36
1	.8	1	.9	1	.7	HOLMES OH	21	-22	-6	24	25
3	1.4	2	.8	5	1.9	HURON OH	-38	120	36	42	57
2	1.3	6*	3.7	5	2.7	JACKSON OH	194	-26	117	69	79
1	.2	6	1.2	15	2.5	JEFFERSON OH	422	114	1017	99	75
4	1.8	4	1.9	4	1.4	KNOX OH	5	-28	-24	17	41
4	1.0	8	1.3	11	1.1	LAKE OH	21	-13	5	28	33
1	.4	3	1.1	5	1.4	LAWRENCE OH	184	33	277	90	42
3	.7	8	1.5	18	2.8	LICKING OH	126	85	318	92	80
3	1.5	5	2.4	1	.5	LOGAN OH	56	-81	-70	02	21
5	.6	13	1.4	14	1.2	LORAIN OH	125	-16	89	61	36
20	.9	44	1.7	60	2.1	LUCAS OH	86	23	129	72	66
		2	1.6	1	.6	MADISON OH		-62			23
12	.9	15	1.1	33	1.8	MAHONING OH	15	73	99	64	57
6	2.3	5	1.5	10	2.5	MARION OH	-32	60	9	31	74
2	.8	6	1.9	12	3.1	MEDINA OH	145	59	290	91	84
2	1.4			3	2.1	MEIGS OH			47	47	65
		2	1.1	2	.9	MERCER OH		-18			28
7	2.1	3	.7	10	2.1	MIAMI OH	-65	182	-2	25	64
				4	3.7	MONROE OH					90
19	1.0	29	1.2	43	1.5	MONTGOMERY OH	24	23	53	50	44
				1	1.4	MORGAN OH					43
		1	1.0			MORROW OH					
4	1.0	14*	3.1	16*	3.1	MUSKINGUM OH	218	-3	209	84	84
		1	1.1			NOBLE OH					
1	.6	5	2.6	7	3.1	OTTAWA OH	367	20	461	96	84
1	1.1	2	2.7			PAULDING OH	133				
1	.5	1	.5	6	3.4	PERRY OH	6	521	558	97	87
2	1.2	3	1.7	5	2.6	PICKAWAY OH	36	56	113	68	78
		2	2.6	4	3.5	PIKE OH		37			89
4	1.2	5	1.4	12	2.4	PORTAGE OH	11	77	96	63	73
1	.6	3	1.8	1	.5	PREBLE OH	194	-74	-25	16	21
1	.9	1	.8	5	2.9	PUTNAM OH	-11	273	230	86	81
5	1.0	7	1.2	8	1.2	RICHLAND OH	23	-7	15	32	34
1	.4	2	.7	5	1.6	ROSS OH	62	127	268	89	46
3	1.2	3	.8	5	1.4	SANDUSKY OH	-31	74	20	35	42
4	.9	6	1.2	21*	3.7	SCIOTO OH	24	217	291	91	90
2	.7	1	.2	4	1.2	SENECA OH	-71	491	74	57	36
1	.7	2	1.1	3	1.4	SHELBY OH	58	32	109	66	42
10	.7	19	1.0	44	2.0	STARK OH	59	95	211	84	63
27	1.3	46	1.8	63	2.1	SUMMIT OH	37	12	54	50	64
3	.4	16	1.7	24	1.9	TRUMBULL OH	286	14	341	93	59
4	1.0	4	.9	14	2.6	TUSCARAWAS OH	-9	180	156	76	76
		2	1.6	5	3.5	UNION OH		121			88
1	.5	3	1.6	3	1.1	VAN WERT OH	190	-32	98	64	32
		2	3.6	2	3.3	VINTON OH		-9			86
		2	.8	8	2.3	WARREN OH		178			71
3	1.0	1	.3	5	1.3	WASHINGTON OH	-67	284	28	38	38
4	1.3	2	.6	9	2.0	WAYNE OH	-58	259	52	49	62
2	1.3	2	1.2	3	1.5	WILLIAMS OH	-7	22	13	32	44
4	1.2	1	.3	5	1.0	WOOD OH	-77	251	-20	18	31
1	1.0	1	.6	1	.7	WYANDOT OH	-39	15	-30	14	24
109	1.0	180	1.3	323	1.9	OKLAHOMA OK	31	46	90		
1	1.6			1	1.8	ADAIR OK			9	30	55
		1	1.6	2	4.2	ALFALFA OK		171			93
		1	1.5			ATOKA OK					
1	.7	1	.6	2	.9	BECKHAM OK	-7	50	39	43	29
2	2.4	1	1.1	3	2.7	BLAINE OK	-56	156	12	31	79
1	.7	3	1.8	7	3.9	BRYAN OK	146	110	418	95	91
3	1.9	3	1.6	2	1.4	CADDO OK	-13	-11	-23	17	43
1	.8	1	.6	4	2.2	CANADIAN OK	-24	266	180	80	67
5*	2.6	2	1.0	4	1.8	CARTER OK	-63	88	-30	14	55
		1	.9	2	1.4	CHEROKEE OK		52			42
1	1.2	2	2.0	2	1.8	CHOCTAW OK	72	-9	56	51	56
				3	.8	CLEVELAND OK					26
		1	2.0	1	4.3	COAL OK		111			93
		4	1.7	8	2.2	COMANCHE OK		35			69
		1	3.3			COTTON OK					
1	.9	1	.7	2	1.4	CRAIG OK	-16	99	67	54	42

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
1	.4	5	1.7	7	2.3	CREEK	OK	324	39	488	96	71
				4	2.7	CUSTER	OK					78
		2	2.0	2	1.6	DELAWARE	OK		-18			48
		1	2.0			ELLIS	OK					
3	1.1	2	.6	10	2.1	GARFIELD	OK	-49	264	85	60	66
2	1.3	1	.6	7	3.2	GARVIN	OK	-57	454	137	74	85
2	1.1	2	.9	4	1.3	GRADY	OK	-17	42	18	34	39
		1	.9	1	1.3	GRANT	OK		36			37
1	1.8	2	3.5	1	1.1	GREER	OK	99	-70	-40	11	32
1	2.4			2	4.0	HARMON	OK			68	54	92
		1	3.5			HARPER	OK					
3*	5.4	1	1.6			HASKELL	OK	-70				
1	.9	1	.7	7*	5.3	HUGHES	OK	-16	638	517	97	96
				4	2.9	JACKSON	OK					82
				1	1.3	JEFFERSON	OK					39
1	1.5	1	1.5	2	2.6	JOHNSTON	OK	0	72	72	56	77
1	.4	2	.6	9	2.2	KAY	OK	39	279	427	95	67
1	1.6			1	1.1	KINGFISHER	OK			-32	14	32
1	1.1	1	.6	2	1.2	KIOWA	OK	-45	96	7	29	35
2*	4.4	1	1.8			LATIMER	OK	-59				
2	1.3	5	2.3	5	1.6	LE FLORE	OK	61	-28	31	39	49
				4	2.2	LINCOLN	OK					67
1	.8	3	2.2	4	2.4	LOGAN	OK	175	10	202	83	73
		2	2.9			MC CLAIN	OK					
1	.9	2	1.5	6	3.5	MC CURTAIN	OK	72	130	297	91	88
		2	2.3	2	2.0	MC INTOSH	OK		-14			61
		1	2.3	1	1.1	MAJOR	OK		-50			34
		1	1.4			MARSHALL	OK					
2	2.2	1	.8	1	.5	MAYES	OK	-62	-40	-77	01	22
1	1.3	3	3.5			MURRAY	OK	178				
3	1.2	3	.9	9	2.1	MUSKOGEE	OK	-21	133	83	60	66
		3*	3.9	3	3.1	NOBLE	OK		-19			85
		2	2.8	2	3.9	OKFUSKEE	OK		41			91
18	1.2	38	1.7	61	2.2	OKLAHOMA	OK	44	27	83	60	68
1	.5	1	.6	9	3.5	OKMULGEE	OK	31	454	626	98	88
2	1.7	2	1.1	1	.6	OSAGE	OK	-34	-50	-67	02	22
		4	2.2	3	1.2	OTTAWA	OK		-44			36
				2	1.6	PAWNEE	OK					49
8*	4.2	5	2.0	8	3.0	PAYNE	OK	-53	55	-27	16	84
3	1.7	4	1.5	7	2.4	PITTSBURG	OK	-13	60	39	43	72
2	1.2	4	1.8	2	1.0	PONTOTOC	OK	48	-46	-19	18	30
2	.9	1	.3	2	.5	POTTAWATOMIE	OK	-70	87	-43	09	22
1	1.7					PUSHMATAHA	OK					
				3*	8.6	ROGER MILLS	OK					99
3*	2.8	1	.7	4	2.1	ROGERS	OK	-75	202	-23	17	66
2	1.5	9*	5.4	3	1.4	SEMINOLE	OK	258	-74	-6	24	42
		3	2.6	3	2.3	SEQUOYAH	OK		-11			70
1	.7	2	.9	14*	4.2	STEPHENS	OK	29	381	520	97	93
2*	3.9	1	1.3	3	3.2	TEXAS	OK	-67	144	-18	18	85
1	1.3	1	1.3	3	4.8	TILLMAN	OK	0	263	264	89	95
12	.9	21	1.3	40	1.8	TULSA	OK	41	43	101	65	56
		1	1.2	2	1.7	WAGONER	OK		45			51
2	1.3	2	.8	4	1.3	WASHINGTON	OK	-33	49	0	26	38
		3	3.3	2	1.5	WASHITA	OK		-56			43
1	1.4			2	1.9	WOODS	OK			38	43	60
2	2.1	2	2.2	1	.9	WOODWARD	OK	7	-58	-55	06	29
113*	1.4	170	1.6	308*	2.1	OREGON	OR	16	35	56		
		1	1.0	3	2.6	BAKER	OR		167			77
1	.7	4	2.2	6	2.5	BENTON	OR	209	13	248	88	74
8	1.6	12	1.7	25	2.4	CLACKAMAS	OR	4	42	47	47	73
3	1.8	3	1.7	2	.8	CLATSOP	OR	-5	-54	-56	05	26
3	2.6	2	1.4	2	1.0	COLUMBIA	OR	-46	-29	-62	04	31
5*	2.4	6	2.5	8	2.2	COOS	OR	4	-12	-8	23	67
2*	7.2	1	2.6	1	1.3	CROOK	OR	-63	-52	-83	00	37
1	2.4	2	2.5			CURRY	OR	5				
2	1.9	3	2.1	3	1.1	DESCHUTES	OR	8	-48	-44	09	33
1	.6	2	.8	5	1.3	DOUGLAS	OR	24	68	108	66	39
				2	5.0	GRANT	OR					96
		1	2.9	2	5.9	HARNEY	OR		101			97
1	1.6			1	.8	HOOD RIVER	OR			-49	07	26
2	.6	7	1.5	23*	3.2	JACKSON	OR	147	114	428	95	66
2	1.4	4	1.7	7	1.8	JOSEPHINE	OR	20	6	26	37	53
1	.5	1	.4	3	1.1	KLAMATH	OR	-14	138	105	66	32
1	3.2					LAKE	OR					
10	1.8	16	1.8	27	2.2	LANE	OR	-2	21	18	34	68
		1	.7	3	1.2	LINCOLN	OR		87			37
6*	2.4	8	2.6	4	1.0	LINN	OR	9	-63	-60	04	29
		2	1.8	2	1.5	MALHEUR	OR		-20			44
12*	2.0	21*	2.4	33*	2.6	MARION	OR	25	7	33	41	77
1*	4.8	1	4.2	1	2.9	MORROW	OR	-13	-30	-40	11	82
42	1.4	60	1.7	101*	2.5	MULTNOMAH	OR	24	44	79	59	74
2	1.6	2	1.0	4	1.8	POLK	OR	-36	70	8	30	54
		1	1.0	4	3.1	TILLAMOOK	OR		205			84
1	.5	2	.8	5	1.9	UMATILLA	OR	65	128	276	90	59
		1	1.0	2	1.6	UNION	OR		72			49
1	3.0					WALLOWA	OR					
		1	.6	3	2.4	WASCO	OR		322			73
2	.6	3	.5	24	2.5	WASHINGTON	OR	-12	409	347	93	74
3	1.6	2	.8	2	.6	YAMHILL	OR	-52	-22	-63	03	23
491	.9	891	1.4	1356	1.8	PENNSYLVANIA	PA	55	29	101		
1	.4	7	2.4	13*	3.3	ADAMS	PA	544	37	780	98	87
67	.9	130	1.5	184	1.8	ALLEGHENY	PA	68	24	108	66	56
2	.5	6	1.4	9	1.5	ARMSTRONG	PA	166	11	195	82	46
11	1.4	17	1.6	25	2.1	BEAVER	PA	15	26	45	46	64
3	1.6	3	1.3	5	1.8	BEDFORD	PA	-19	46	18	34	57
8	.5	25	1.3	40	1.9	BERKS	PA	157	39	258	88	58
3	.4	6	.7	27	2.5	BLAIR	PA	90	275	611	98	75

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
4	1.3	7	2.1	10	2.5	BRADFORD	PA	70	18	101	65	76
8	.9	19	1.3	38	1.9	BUCKS	PA	53	42	117	70	59
7	1.4	3	.5	17	2.2	BUTLER	PA	-66	380	61	52	69
7	.8	12	1.1	19	1.5	CAMBRIA	PA	49	31	95	63	44
		1	2.4	1	2.2	CAMERON	PA		-7			69
6	1.9	2	.6	6	1.4	CARBON	PA	-71	140	-30	15	40
4	1.5	5	1.4	10	2.5	CENTRE	PA	-1	69	67	54	74
4	.5	10	.9	18	1.3	CHESTER	PA	102	40	182	80	39
1	.5	7*	3.4	2	.8	CLARION	PA	569	-78	50	48	25
6	1.4	5	1.1	11	2.0	CLEARFIELD	PA	-24	84	39	43	61
		1	.5	3	1.3	CLINTON	PA		155			38
1	.4	3	.9	6	1.6	COLUMBIA	PA	143	90	361	94	49
3	.7	12	2.7	7	1.2	CRAWFORD	PA	263	-57	56	51	34
1	.2	11	1.6	18	1.9	CUMBERLAND	PA	789	15	923	99	57
14	1.2	18	1.3	29	2.0	DAUPHIN	PA	10	46	61	52	61
20	.9	34	1.2	48	1.3	DELAWARE	PA	27	12	42	45	38
3	1.7	1	.5	4	1.7	ELK	PA	-70	227	-1	26	51
17	1.5	29*	2.2	35	2.2	ERIE	PA	42	0	42	45	68
7	.8	18	2.0	16	1.5	FAYETTE	PA	144	-22	89	61	46
2*	7.5			3*	9.4	FOREST	PA			25	37	99
3	.7	7	1.3	16	2.4	FRANKLIN	PA	93	85	256	88	73
		1	1.9			FULTON	PA					
2	.9	5	2.1	8	3.1	GREENE	PA	127	49	237	87	84
4	2.0	3	1.3	3	1.2	HUNTINGDON	PA	-34	-9	-40	11	36
1	.3	9	2.1	5	.9	INDIANA	PA	650	-58	217	85	28
		4	1.3	9	2.8	JEFFERSON	PA		110			80
		2	2.3	4	3.2	JUNIATA	PA		40			86
8	.5	16	.9	32	1.7	LACKAWANNA	PA	84	79	228	86	51
7	.5	24	1.4	44	2.1	LANCASTER	PA	156	51	287	91	65
4	.7	13	2.1	25*	3.5	LAWRENCE	PA	185	65	370	94	88
3	.7	12	2.2	12	1.9	LEBANON	PA	222	-15	174	79	59
9	.8	29	2.0	29	1.6	LEHIGH	PA	161	-19	111	67	48
17	.8	22	.9	39	1.4	LUZERNE	PA	18	52	80	59	41
4	.7	9	1.2	22	2.9	LYCOMING	PA	81	135	325	92	82
4	1.4			1	.2	MC KEAN	PA			-82	00	21
4	.7	5	.7	15	1.8	MERCER	PA	1	150	152	76	56
1	.5	1	.4	3	.9	MIFFLIN	PA	-15	135	99	64	29
4	2.0	8*	3.0	7	1.8	MONROE	PA	46	-39	-11	22	56
19	.8	39	1.3	72	1.7	MONTGOMERY	PA	55	38	114	68	53
1	1.1	3	2.7	2	1.4	MONTOUR	PA	147	-47	31	40	42
8	.8	17	1.4	29	1.9	NORTHAMPTON	PA	79	40	151	76	59
3	.5	12	1.7	18	2.2	NORTHUMBERLAND	PA	267	28	369	94	67
		3	2.0	2	1.0	PERRY	PA		-49			31
131*	1.3	143	1.4	162	1.6	PHILADELPHIA	PA	6	13	19	35	47
1	1.4	2	3.1	3	1.8	PIKE	PA	118	-41	30	39	57
2	2.3					POTTER	PA					
6	.6	11	.9	24	1.8	SCHUYLKILL	PA	72	94	233	87	57
		1	.8	5	2.9	SNYDER	PA		265			81
1	.2	6	1.2	9	1.7	SOMERSET	PA	429	37	624	98	50
		1	3.0			SULLIVAN	PA					
1	.6	2	1.1	4	2.0	SUSQUEHANNA	PA	70	84	213	84	61
2	.9	4	1.8	4	1.7	TIOGA	PA	98	-6	87	61	53
1	1.0	6*	4.1	2	1.1	UNION	PA	324	-72	19	34	34
4	1.1	9	2.5	8	2.0	VENANGO	PA	117	-19	76	58	62
2	.7	7	2.2	5	1.4	WARREN	PA	214	-35	103	65	42
7	.7	17	1.4	35	2.5	WASHINGTON	PA	112	72	266	89	75
1	.7	2	1.0	5	2.0	WAYNE	PA	54	91	194	82	62
8	.5	24	1.3	46	1.9	WESTMORELAND	PA	149	46	264	89	58
		3	2.8	5	4.1	WYOMING	PA		48			93
8	.7	17	1.2	38	2.1	YORK	PA	68	78	199	83	66
49	1.1	81	1.5	119	1.8	RHODE ISLAND	RI	40	21	69		
3	1.7	4	1.7	10*	3.4	BRISTOL	RI	-1	101	99	64	88
1	.2	9	1.4	8	.9	KENT	RI	591	-37	336	93	28
5	1.7	2	.5	12	2.7	NEWPORT	RI	-69	400	57	51	79
39	1.1	57	1.5	83	1.8	PROVIDENCE	RI	31	23	61	52	56
1	.5	9*	2.7	6	1.4	WASHINGTON	RI	458	-50	178	80	41
51	.9	112	1.5	200	1.9	SOUTH CAROLINA	SC	68	30	119		
		1	1.1	2	1.7	ABBEVILLE	SC		58			53
2	1.1	3	1.1	6	1.6	AIKEN	SC	-8	53	41	44	48
				1	3.2	ALLENDALE	SC					86
3	.9	10	2.4	16	2.7	ANDERSON	SC	173	16	215	85	80
				3	4.7	BARNWELL	SC					95
				1	.7	BEAUFORT	SC					24
1	2.7	1	1.5	2	1.9	BERKELEY	SC	-45	30	-29	15	60
		2*	6.9			CALHOUN	SC					
7	1.9	9	1.6	15	2.0	CHARLESTON	SC	-16	23	4	28	62
				1	.6	CHEROKEE	SC					22
2	2.2	3	2.9	4	3.1	CHESTER	SC	28	6	37	42	84
1	.9	2	1.7	3	2.1	CHESTERFIELD	SC	88	23	132	73	66
				1	1.9	CLARENDON	SC					59
		1	1.1	1	1.0	COLLETON	SC		-6			31
2	1.7	5*	3.4	2	.9	DARLINGTON	SC	95	-74	-48	07	28
1	1.3	1	1.3	3	2.8	DILLON	SC	3	116	122	71	81
1	2.1	1	1.4	1	1.3	DORCHESTER	SC	-36	-4	-39	11	39
1	3.1					EDGEFIELD	SC					
2	.9	3	1.2	4	1.2	FLORENCE	SC	30	-4	25	37	35
		1	1.4	1	.7	GEORGETOWN	SC		-47			25
5	.8	15	1.8	19	1.5	GREENVILLE	SC	118	-13	90	61	46
1	.8	6*	3.3	5	2.3	GREENWOOD	SC	332	-29	206	84	71
		1	2.2	2	3.6	HAMPTON	SC		65			89
		4	1.7	6	1.6	HORRY	SC		-3			48
1	1.4	2	1.9	4	3.0	KERSHAW	SC	38	56	116	69	84
1	.8			6	3.0	LANCASTER	SC			262	88	83
2	1.5	5	2.6	4	1.6	LAURENS	SC	77	-40	6	29	47
		1	2.1	1	2.4	LEE	SC		14			73
1	.4	2	.8	4	1.0	LEXINGTON	SC	91	19	127	72	30
		1	4.6			MC CORMICK	SC					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		2	2.7	3	3.4	MARION SC		25			87
1	1.3			2	2.1	MARLBORO SC			57	51	65
1	.7	1	.8	2	1.1	NEWBERRY SC	3	47	51	49	34
		3	1.8	5	2.0	OCONEE SC		9			61
1	.8			5	2.3	ORANGEBURG SC			195	82	72
1	.5	4	1.7	7	2.3	PICKENS SC	238	33	350	94	71
4	.8	10	1.6	25*	3.1	RICHLAND SC	86	100	273	89	85
		1	1.8			SALUDA SC					
4	.7	3	.5	15	1.7	SPARTANBURG SC	-38	275	133	73	52
		6*	4.3	3	1.5	SUMTER SC		-65			44
				3	2.2	UNION SC					68
				1	1.2	WILLIAMSBURG SC					36
5*	2.5	2	.8	11	2.9	YORK SC	-68	259	15	33	82
37	1.2	52	1.4	65	1.5	SOUTH DAKOTA SD	17	7	25		
1	4.4					AURORA SD					
1	.9	3	2.3	5	3.1	BEADLE SD	149	34	233	87	85
2*	3.5	1	1.3	2	2.6	BON HOMME SD	-62	94	-26	16	77
		1	.9	2	1.9	BROOKINGS SD		121			60
7*	4.4	3	1.6	3	1.4	BROWN SD	-64	-10	-68	02	42
		1	2.7			BRULE SD					
1	2.8			2	3.0	BUTTE SD			7	29	84
1*	6.9			1	4.4	CAMPBELL SD			-36	12	94
		1	1.7	1	1.2	CHARLES MIX SD		-33			35
1	1.9	1	1.7	2	2.3	CLAY SD	-12	38	22	36	71
		2	1.2	1	.3	CODINGTON SD		-73			21
		1*	6.0			CORSON SD					
1	3.4					CUSTER SD					
1	1.0	4	3.8	2	1.1	DAVISON SD	280	-72	8	29	33
		1	1.4	2	3.4	DAY SD		143			87
1	2.9	1	2.4	1	1.9	DEUEL SD	-17	-21	-35	13	60
				1	2.2	DOUGLAS SD					69
		1	1.9	1	1.2	FALL RIVER SD		-36			37
		1	3.7	1	3.3	FAULK SD		-10			87
1	1.6	2	3.0	1	1.5	GRANT SD	91	-48	-1	26	46
		1*	7.4			HAAKON SD					
1	3.3	2	5.2			HAMLIN SD	56				
				1	3.4	HAND SD					88
1	2.1	1	2.0			HUGHES SD	-6				
1	1.7					KINGSBURY SD					
		4*	5.6	2	2.1	LAKE SD		-63			64
		2	2.4			LAWRENCE SD					
		1	1.4			LINCOLN SD					
1*	5.0			1	4.3	LYMAN SD			-13	21	93
1	2.3	1	1.9			MC COOK SD	-17				
1	2.8					MC PHERSON SD					
		1	1.9			MARSHALL SD					
		1	1.9	2	3.1	MEADE SD		60			85
		1*	20.2			MELLETTE SD					
				1	11.1	MINER SD					99
6	1.6	2	.3	10	1.6	MINNEHAHA SD	-79	398	3	28	49
2*	4.6	2	4.0			MOODY SD	-13				
		5	2.4	6	2.2	PENNINGTON SD		-6			69
1	2.8			2*	6.4	PERKINS SD			128	72	98
		1	3.6	1	3.4	POTTER SD		-4			88
				1	.7	ROBERTS SD					25
		1*	8.9			STANLEY SD					
				1*	10.4	SULLY SD					99
1	2.3			4*	7.2	TRIPP SD			214	84	98
		1	1.2	1	.9	TURNER SD		-25			29
1	1.5	1	1.4	3	4.9	UNION SD	-7	250	227	86	96
1	3.2			1	2.3	WALWORTH SD			-28	15	71
1	1.1					YANKTON SD					
109	.8	247	1.5	400	1.8	TENNESSEE TN	83	22	124		
1	.2	2	.7	11	3.0	ANDERSON TN	220	325	1260	99	83
1	.8	3	2.1	5	3.0	BEDFORD TN	152	44	262	88	83
1	1.5	1	1.3	2	2.3	BENTON TN	-18	83	50	49	70
		1	2.8			BLEDSOE TN					
2	1.0	5	1.8	12	2.7	BLOUNT TN	80	47	165	77	79
		1	.5	6	2.4	BRADLEY TN		328			72
		4	2.7	5	2.3	CAMPBELL TN		-16			70
1	2.4			1	1.6	CANNON TN			-31	14	49
				2	.8	CARROLL TN					26
3	1.9			4	1.6	CARTER TN			-15	21	48
		1	2.0	1	1.1	CHEATHAM TN		-43			34
1	2.3	1	2.0	4*	6.0	CHESTER TN	-14	200	159	77	97
		1	1.0	3	2.5	CLAIBORNE TN		154			74
3*	2.8	2	2.0	6*	4.3	COCKE TN	-30	117	52	49	93
		5*	3.4	3	1.5	COFFEE TN		-57			44
		1	1.1	1	.9	CROCKETT TN		-16			29
		1	1.0	2	1.2	CUMBERLAND TN		51			37
16	1.1	27	1.5	27	1.2	DAVIDSON TN	37	-22	7	29	36
				2	2.7	DECATUR TN					80
1	1.5					DE KALB TN					
		3	2.6	1	.7	DICKSON TN		-73			25
2	1.3	1	.5	5	2.3	DYER TN	-59	336	77	58	71
1	2.0	3*	4.7	1	1.3	FENTRESS TN	140	-73	-36	12	37
		3	2.1	3	2.0	FRANKLIN TN		-2			63
1	.5	8*	3.0	6	2.1	GIBSON TN	523	-32	323	92	64
1	.8	4	3.3	2	1.2	GILES TN	326	-64	52	49	35
				2	2.1	GRAINGER TN					65
1	.5	4	1.8	5	1.8	GREENE TN	254	-3	242	87	54
		1	1.6			GRUNDY TN					
2	1.5	3	1.9	3	1.5	HAMBLEN TN	28	-22	0	27	45
7	.8	21	2.0	23	1.7	HAMILTON TN	149	-15	111	67	50
				4	3.7	HARDEMAN TN					90
1	1.1	3	3.0	4	3.1	HARDIN TN	170	3	179	80	84
		2	1.3	2	.9	HAWKINS TN		-33			28

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	2.4			1	1.0	HENDERSON	TN			-56	05	32
2	1.5	3	1.9	2	1.2	HENRY	TN	25	-40	-24	17	35
		1	1.3			HICKMAN	TN					
				1	2.6	HOUSTON	TN					78
		1	1.4	3	3.7	HUMPHREYS	TN		166			90
1	2.2	2	3.4			JACKSON	TN	59				
1	1.6			4	2.2	JEFFERSON	TN			40	44	68
				2	2.1	JOHNSON	TN					67
9	.9	23	1.8	33	1.9	KNOX	TN	98	7	112	67	60
		3*	7.9	1	1.8	LAKE	TN		-77			55
		1	1.1	1	.9	LAUDERDALE	TN		-18			28
2	1.6	4	2.8	4	2.1	LAWRENCE	TN	76	-23	35	41	66
1	3.4			2	4.7	LEWIS	TN			40	44	95
1	.9	3	2.4	1	.5	LINCOLN	TN	173	-78	-40	11	22
1	1.0			3	1.6	LOUDON	TN			56	51	47
3	2.1	3	1.9	5	1.9	MC MINN	TN	-12	1	-12	22	58
		2	1.7	5	3.4	MC NAIRY	TN		97			87
		1	1.1	3	2.7	MACON	TN		141			79
1	.4	5	1.7	9	2.5	MADISON	TN	363	48	584	98	74
				2	1.3	MARSHALL	TN					40
1	.7	2	1.0	5	2.1	MAURY	TN	32	113	183	80	65
				2*	7.3	MEIGS	TN					98
				2	1.3	MONROE	TN					38
1	.7	3	1.7	5	2.0	MONTGOMERY	TN	156	15	194	82	62
1	1.8			1	1.2	MORGAN	TN			-31	14	37
1	.7	2	.9	3	1.5	OBION	TN	23	73	113	68	45
				2	1.8	OVERTON	TN					56
		2*	7.0	1	1.9	PERRY	TN		-73			60
2*	3.8			1	1.3	POLK	TN			-66	03	39
1	.8	3	1.7	2	.8	PUTNAM	TN	118	-50	9	30	26
				1	.8	RHEA	TN					26
2	1.6	5	2.8	8	3.2	ROANE	TN	81	15	109	67	86
1	.8	2	1.5	1	.6	ROBERTSON	TN	92	-60	-24	17	23
1	.7			7	2.4	RUTHERFORD	TN			225	86	72
		1	1.6	2	2.2	SCOTT	TN		38			69
				2	4.4	SEQUATCHIE	TN					94
		3	2.4	1	.4	SEVIER	TN		-84			21
14	.8	31	1.5	50	1.9	SHELBY	TN	83	27	132	73	59
				4	4.1	SMITH	TN					92
3	.9	6	1.1	23*	3.3	SULLIVAN	TN	29	204	292	91	87
		3	1.4	3	.9	SUMNER	TN		-35			28
		2	2.1	6*	5.4	TIPTON	TN		151			96
1	1.7	1	1.2	3	2.7	UNICOI	TN	-29	118	54	50	78
				1	1.6	UNION	TN					48
		1	6.7			VAN BUREN	TN					
		1	.7	1	.6	WARREN	TN		-15			23
7*	2.8	6	1.9	8	1.9	WASHINGTON	TN	-33	2	-32	14	59
		1	1.8	3	3.6	WAYNE	TN		99			89
		5	2.8			WEAKLEY	TN					
		3	3.3	3	2.4	WHITE	TN		-30			72
2	1.9			5	2.1	WILLIAMSON	TN			10	31	65
1	.9			4	1.8	WILSON	TN			106	66	53
281	.8	611	1.4	1036	1.8	TEXAS	TX	65	28	111		
		2	1.0	1	.6	ANDERSON	TX		-37			23
		2*	7.3	1	1.8	ANDREWS	TX		-75			55
2	1.2	3	1.4	5	1.6	ANGELINA	TX	14	14	30	39	47
		2*	5.4	2	5.2	ARCHER	TX		-4			96
				1	5.6	ARMSTRONG	TX					96
4*	4.9	5*	5.2	3	2.6	ATASCOSA	TX	5	-49	-46	08	78
		2	2.3	1	.7	AUSTIN	TX		-71			24
		1	3.1	1	2.6	BAILEY	TX		-17			77
		1	2.6			BANDERA	TX					
				1	.7	BASTROP	TX					24
		1	1.1	1	.9	BEE	TX		-21			28
5	1.7	7	1.9	9	1.8	BELL	TX	12	-5	7	29	54
35*	1.6	45	1.5	77	2.0	BEXAR	TX	-5	33	26	38	61
				1	.7	BOSQUE	TX					25
1	.4	1	.3	8	2.1	BOWIE	TX	-23	565	414	95	65
2	1.0	5	1.7	6	1.5	BRAZORIA	TX	66	-11	47	47	45
1	.8	3	1.9	6	2.9	BRAZOS	TX	146	51	271	89	62
				1	7.4	BRISCOE	TX					98
1	4.0	1	3.3			BROOKS	TX	-18				
2	1.2	3	1.4	5	2.6	BROWN	TX	18	85	119	70	76
1	2.0	1	2.2			BURLESON	TX	11				
				2	1.2	BURNET	TX					35
		1	.8	2	3.0	CALDWELL	TX		274			83
				2	2.8	CALHOUN	TX					80
2	3.4					CALLAHAN	TX					
3	.7	7	1.4	8	1.1	CAMERON	TX	110	-23	62	53	32
				1	2.1	CAMP	TX					64
				2	5.6	CARSON	TX					97
		3	2.5	3	1.9	CASS	TX		-24			59
		1	3.0			CASTRO	TX					
3	1.6	2	.9	6	2.7	CHEROKEE	TX	-41	185	69	55	79
		2	3.4			CHILDRESS	TX					
		2*	8.7	1	4.0	COCHRAN	TX		-54			92
		1	4.8	1	4.7	COKE	TX		-2			95
		1	.9	1	.5	COLEMAN	TX		-41			22
2	.9	3	1.1	8	1.9	COLLIN	TX	16	80	108	66	60
1	2.7			2	7.2	COLLINGSWORTH	TX			169	78	98
		3	3.3	1	.8	COLORADO	TX		-76			26
1	1.1			1	.5	COMAL	TX			-55	06	22
				1	.6	COMANCHE	TX					22
1	4.8					CONCHO	TX					
1	.8	1	.7	4	3.1	COOKE	TX	-2	319	311	92	84
1	1.1			2	1.6	CORYELL	TX			37	42	47
		1*	6.7	1	5.7	CROCKETT	TX		-15			97
				1	1.6	CROSBY	TX					48
		1*	7.3	1*	8.4	CULBERSON	TX		16			99

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
										%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
25	.9	62	1.5	108	1.9	DALLAS TX	66	30	116	68	59
		1	1.2	1	1.0	DAWSON TX		-14			31
		1	2.0	7*	8.3	DEAF SMITH TX		324			99
		1	2.3	1	1.8	DELTA TX		-23			54
1	.5	6	2.2	5	1.1	DENTON TX	337	-50	117	69	33
2	1.6			3	1.8	DE WITT TX			10	31	54
				1	2.3	DONLEY TX					70
				1	1.3	DUVAL TX					40
		5	2.3	1	.3	EASTLAND TX		-86			21
2	2.2	2	.6	5	1.3	ECTOR TX	-72	117	-38	11	40
		1*	7.5			EDWARDS TX					
1	.5	6	2.3	10	3.3	ELLIS TX	373	40	561	98	86
4	.5	7	.7	32	2.5	EL PASO TX	52	245	425	95	75
		2	1.7	3	1.2	ERATH TX		-26			37
1	1.0	2	1.7	5	4.0	FALLS TX	74	135	308	92	92
1	.6	3	1.6	2	.8	FANNIN TX	174	-52	32	40	26
				3	1.8	FAYETTE TX					56
		6*	4.5	4	1.8	FORT BEND TX		-60			55
1	3.5	1	2.8			FRANKLIN TX	-21				
		4*	4.5	1	.9	FREESTONE TX		-81			27
		1	2.3			FRIO TX					
1	2.5	2*	6.3			GAINES TX	148				
3	.7	3	.5	10	1.4	GALVESTON TX	-28	170	95	63	40
				4	2.8	GILLESPIE TX					80
		1	.6	2	1.4	GONZALES TX		129			42
		1	.6	1	.5	GRAY TX		-14			22
3	.7	2	.5	11	1.5	GRAYSON TX	-37	206	94	63	43
1	.4	4	1.3	10	2.1	GREGG TX	274	58	490	96	66
		1	1.2			GRIMES TX					
		3	2.0	2	.8	GUADALUPE TX		-58			26
		1	.6	2	1.1	HALE TX		77			34
1	1.9					HALL TX					
		1	1.1	1	1.3	HAMILTON TX		20			39
		1	5.4			HANSFORD TX					
1	1.9	1	2.0	1	2.7	HARDEMAN TX	5	30	37	42	78
2	2.4	5*	4.3	2	1.0	HARDIN TX	79	-77	-59	04	30
24	.8	65	1.5	115	1.8	HARRIS TX	80	22	119	70	56
1	.8	2	1.2	7	2.7	HARRISON TX	45	127	229	86	79
		2	2.7	4*	4.8	HASKELL TX		76			95
1	1.1	1	1.0	1	.8	HAYS TX	-15	-22	-33	13	26
1*	6.4					HEMPHILL TX					
1	.7	3	1.8	3	1.1	HENDERSON TX	146	-42	44	45	32
1	.2	4	.6	15	1.6	HIDALGO TX	259	186	925	99	49
1	.8	2	.9	2	.9	HILL TX	19	-2	17	33	28
2*	3.0	2	2.8	2	2.1	HOCKLEY TX	-6	-26	-31	14	64
1	.8	3	1.9	6	3.4	HOPKINS TX	140	76	323	92	87
				5	3.9	HOUSTON TX					92
		1	.6	2	1.0	HOWARD TX		60			30
				1*	11.2	HUDSPETH TX					99
4	1.8	1	.3	10	2.6	HUNT TX	-86	939	45	46	77
1	1.4	1	.6	8*	5.2	HUTCHINSON TX	-53	709	282	90	96
		1	.8			JASPER TX					
				1*	10.3	JEFF DAVIS TX					99
8	1.1	12	1.3	30*	2.6	JEFFERSON TX	17	98	132	73	77
1	.7			1	.7	JIM WELLS TX			0	27	23
5*	2.6	5	1.7	7	2.2	JOHNSON TX	-34	27	-16	20	68
		2	1.4	3	1.8	JONES TX		28			56
				1	.8	KARNES TX					27
3	2.0			6	2.8	KAUFMAN TX			42	45	81
		1	1.9	2	3.1	KENDALL TX		64			84
		1*	8.4			KENT TX					
1	.5	1	.5	3	1.0	KERR TX	-7	106	92	62	32
				1	2.8	KIMBLE TX					80
3*	4.4	4*	3.7	5*	4.6	KLEBERG TX	-14	22	5	28	95
		2	3.9	1	2.3	KNOX TX		-40			71
2	1.1	6	2.6	6	2.2	LAMAR TX	148	-18	105	66	67
1	1.0	1	1.0	2	1.7	LAMB TX	3	69	73	57	51
				3	4.3	LAMPASAS TX					94
3	2.4	2	1.1	1	1.0	LAVACA TX	-55	-8	-58	05	31
2*	4.3			1	1.2	LEE TX			-73	01	35
1	1.6	2	2.9	1	1.9	LEON TX	82	-33	22	35	60
		5*	4.0	7	3.6	LIBERTY TX		-8			89
1	.7			2	1.2	LIMESTONE TX			75	57	36
		2*	9.0			LIPSCOMB TX					
		2*	5.0	1	2.5	LIVE OAK TX		-49			76
				4	3.0	LLANO TX					84
1	.2	6	1.1	17	2.4	LUBBOCK TX	353	119	893	99	72
1	2.3	1	2.0			LYNN TX	-13				
		2	3.4			MC CULLOCH TX					
7	1.2	16	2.1	13	1.4	MC LENNAN TX	77	-34	17	34	41
1	3.7					MADISON TX					
		1	2.9			MARION TX					
				1	4.7	MARTIN TX					95
2	2.7	2	2.4			MATAGORDA TX	-10				
				1	1.2	MAVERICK TX					37
		2	2.0	3	2.2	MEDINA TX		6			67
1*	5.6					MENARD TX					
2	2.2	4	2.2	2	.8	MIDLAND TX	0	-65	-66	03	25
2	2.0	1	.6	4	2.3	MILAM TX	-68	263	16	33	70
		1	2.9	2	3.7	MILLS TX		29			90
		1	1.3	3	3.5	MITCHELL TX		163			89
		1	.7	3	2.5	MONTAGUE TX		232			74
2	2.0	4	3.1	1	.3	MONTGOMERY TX	55	-91	-87	00	21
2*	2.3					MOORE TX					
1	2.5	1	2.2	2	2.8	MORRIS TX	-12	28	13	32	81
1*	5.2					MOTLEY TX					
		1	.6	6	2.6	NACOGDOCHES TX		332			77
		4	1.6	10*	3.5	NAVARRO TX		113			88
				1	1.4	NEWTON TX					41
		3	3.0	2	1.7	NOLAN TX		-45			50
1	.1	11	1.4	19	1.8	NUECES TX	896	33	1229	99	57

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		2*	6.2			OCHILTREE	TX					
				3*	33.4	OLDHAM	TX					99
		3	1.4	2	.9	ORANGE	TX		-36			28
				1	.8	PALO PINTO	TX					26
1	1.9	1	1.0	5	3.9	PANOLA	TX	-46	289	110	67	91
3	2.0	2	1.3	5	2.2	PARKER	TX	-37	73	9	30	68
1	4.1			2	4.0	PECOS	TX			-3	25	92
		1	1.0	1	.7	POLK	TX		-27		.	25
4	.9	8	1.7	8	1.3	POTTER	TX	81	-22	42	44	40
		1	3.1	1	3.4	PRESIDIO	TX		11			88
1*	4.7					RAINS	TX					
2	2.5	3	2.1	4	1.9	RANDALL	TX	-15	-10	-23	17	59
		1	.8	1	.6	RED RIVER	TX		-29			22
		3*	6.3			REFUGIO	TX					
1	1.5	1	1.4	3	2.8	ROBERTSON	TX	-5	100	89	61	80
		3*	7.6	2	3.5	ROCKWALL	TX		-55			88
2	2.3	1	1.0	1	.5	RUNNELS	TX	-59	-47	-78	00	22
1	.6	1	.4	5	1.9	RUSK	TX	-20	342	252	88	60
		1	2.1			SAN AUGUSTINE	TX					
		2	1.3	5	2.4	SAN PATRICIO	TX		87			73
				1	1.5	SAN SABA	TX					44
1	1.9	1	1.2	4	3.9	SCURRY	TX	-37	229	107	66	91
		2	1.3	2	1.6	SHELBY	TX		24			49
1	.4	4	1.0	12	1.9	SMITH	TX	127	95	344	93	59
				2*	6.4	SOMERVELL	TX					98
		1	1.7			STAPR	TX					
		3*	5.6	1	2.2	STEPHENS	TX		-61			67
1	2.8			1	2.1	SWISHER	TX			-27	16	64
16	.9	50*	2.0	69	2.0	TAPRANT	TX	115	-1	113	68	61
		6	1.3	11	2.1	TAYLOR	TX		56			65
				1	1.4	TERRY	TX					42
				1	3.9	THROCKMORTON	TX					91
		1	1.3	4	2.9	TITUS	TX		132			82
1	.3	6	1.8	7	1.4	TOM GREEN	TX	425	-21	315	92	42
8	1.0	14	1.5	25	1.9	TRAVIS	TX	46	26	84	60	60
		1	2.0			TRINITY	TX					
2*	3.9	1	1.2	3	2.9	TYLER	TX	-69	133	-27	16	81
				2	1.3	UPSHUR	TX					38
		3	3.6	2	2.0	UVALDE	TX		-44			62
		1	1.2	3	2.9	VAL VERDE	TX		148			82
2	1.6	2	1.2	7	3.8	VAN ZANDT	TX	-20	205	143	75	91
2	1.4	2	1.0	4	1.4	VICTORIA	TX	-28	35	-3	25	41
2*	5.0	1	1.6			WALKER	TX	-68				
1	3.0	2*	5.1	1	1.5	WALLER	TX	67	-70	-50	06	45
		1	2.4	1	1.5	WARD	TX		-40			44
		1	.8	5	3.4	WASHINGTON	TX		318			88
5	2.2	2	.7	4	1.2	WEBB	TX	-70	78	-46	08	35
		1	.7	2	1.2	WHARTON	TX		67			34
		1	2.1	1	1.3	WHEELER	TX		-38			38
6	1.4	9	1.6	13	2.0	WICHITA	TX	11	26	39	43	61
1	1.1	1	1.0	4	3.2	WILBARGER	TX	-6	216	198	83	86
		1	1.7			WILLACY	TX					
2	1.0	7	3.1	5	1.2	WILLIAMSON	TX	227	-62	24	36	35
				3	3.7	WILSON	TX					90
				1	2.2	WINKLER	TX					67
		1	.7	3	2.4	WISE	TX		234			72
2	2.0	1	.7			WOOD	TX	-63				
		1	.7	2	1.6	YOUNG	TX		123			48
32	1.1	59	1.6	102	2.0	UTAH	UT	45	25	82		
1	1.2	3	3.0	5	4.2	BOX ELDER	UT	144	41	243	88	93
1	.6			4	1.8	CACHE	UT			174	79	53
1	1.5					CARBON	UT					
		6*	4.0	8	2.4	DAVIS	UT		-39			73
		1*	7.0			GARFIELD	UT					
		1*	3.5			GRAND	UT					
		1	2.2	1	1.8	IRON	UT		-22			53
				1	1.8	MILLARD	UT					55
19	1.4	32	1.9	45	1.9	SALT LAKE	UT	29	1	31	40	58
				2*	9.8	SAN JUAN	UT					99
		2	2.2	3	3.2	SANPETE	UT		42			85
		3*	4.9	1	1.6	SEVIER	UT		-67			47
		1	1.8			TOOELE	UT					
2*	6.2			1	2.1	UINTAH	UT			-66	03	65
3	.9	2	.5	17	2.9	UTAH	UT	-49	503	209	84	81
				1	.7	WASHINGTON	UT					24
5	1.3	7	1.5	13	2.1	WEBER	UT	15	38	58	51	65
17	.8	47	1.8	63	2.2	VERMONT	VT	135	18	177		
2	2.0	1	.8	3	1.7	ADDISON	VT	-59	105	-16	20	50
		4	2.4	5	2.4	BENNINGTON	VT		0			73
		4	2.2	6	3.8	CALEDONIA	VT		74			91
1	.3	6	1.6	10	2.0	CHITTENDEN	VT	398	32	557	97	64
1	.7	2	1.2	2	.9	FRANKLIN	VT	64	-21	30	39	29
				1	4.9	GRAND ISLE	VT					96
		1	1.6	2	3.3	LAMOILLE	VT		109			86
3*	3.2	1	.5	4	3.4	ORANGE	VT	-83	544	8	29	88
1	.9	1	.7	3	2.1	ORLEANS	VT	-15	183	140	74	64
2	.7	9	2.7	9	2.2	RUTLAND	VT	293	-19	218	85	68
3	1.1	13*	4.4	5	1.5	WASHINGTON	VT	289	-66	33	40	45
		2	.9	6	2.7	WINDHAM	VT		215			79
4	1.7	3	1.0	7	2.3	WINDSOR	VT	-39	119	34	41	70
139	1.2	233	1.5	395	1.8	VIRGINIA	VA	27	24	58		
2	1.4	4	2.3	3	1.8	ACCOMACK	VA	64	-22	28	38	55
2	.9	9*	3.2	7	1.9	ALBEMARLE#	VA	246	-41	104	66	59
3	2.4	4	2.9	7*	3.6	ALLEGHANY#	VA	20	23	47	47	89
				1	3.7	AMELIA	VA					90

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1	1.0	1	.7	AMHERST VA		-28			25
2*	6.2			3*	6.4	APPOMATTOX VA			2	27	98
16*	2.9	13	1.7	10	1.0	ARLINGTON#VA	-43	-43	-67	02	30
1	.4	6	1.5	5	1.0	AUGUSTA#VA	303	-33	169	78	30
		1	2.8			BATH VA					
1	.2	4	.6	19	2.4	BEDFORD#VA	208	282	1080	99	74
1	1.3	1	1.2	4	3.8	BOTETOURT VA	-5	211	196	82	91
		1	2.1	2	3.4	BRUNSWICK VA		64			88
2	2.7	1	1.0	4	3.0	BUCHANAN VA	-63	208	14	32	83
		2*	5.8	1	1.9	BUCKINGHAM VA		-67			59
1	3.0					CAROLINE VA					
2	.9	3	1.2	8	2.5	CARROLL#VA	37	114	192	82	76
1	2.7	2	4.4	1	2.2	CHARLOTTE VA	65	-50	-17	19	69
8	.7	18	1.3	33	2.0	CHESTERFIELD#VA	93	59	207	84	64
				3*	5.7	CLARKE VA					97
		2*	8.2			CRAIG VA					
		3	3.6	1	.8	CULPEPER VA		-77			27
2*	3.0	3*	4.1	4	4.5	DICKENSON VA	34	11	50	48	94
1	.5	2	.6	5	1.3	DINWIDDIE#VA	36	108	183	81	40
		1	3.7			ESSEX VA					
8	1.3	10	.7	25	1.2	FAIRFAX#VA	-47	68	-12	22	35
		3	3.1	5	4.0	FAUQUIER VA		27			92
2*	4.0			3	3.5	FLOYD VA			-12	22	69
				1	2.3	FLUVANNA VA					71
3*	3.0	2	1.6	2	1.2	FRANKLIN VA	-47	-24	-60	04	36
1	.6	5	2.5	6	2.1	FREDERICK#VA	343	-15	275	90	66
		1	1.5	2	1.8	GILES VA		21			57
2*	4.3	1	2.0			GLOUCESTER VA	-53				
1*	4.5					GOOCHLAND VA					
1*	4.5					GREENE VA					
		1	2.2	1	2.1	GREENSVILLE#VA		-7			65
1	1.0	2	1.3	9*	5.8	HALIFAX#VA	36	332	486	96	97
		2	1.4	1	.5	HANOVER VA		-67			21
2	.7	11	2.2	12	1.4	HENRICO VA	220	-36	103	65	42
3	2.1	3	1.3	4	1.7	HENRY#VA	-37	32	-18	19	53
1	2.3	1	2.1			ISLE OF WIGHT VA	-10				
		3	1.8	5	2.1	JAMES CITY#VA		17			64
				1	2.9	KING AND QUEEN VA					81
1*	4.8			2	5.7	KING GEORGE VA			18	34	97
		1	3.9			KING WILLIAM VA					
		1	1.7	1	1.9	LANCASTER VA		8			58
1	.8	1	.7	8*	4.9	LEE VA	-6	553	511	97	95
2	2.1	2	1.7	3	1.5	LOUDOUN VA	-20	-9	-27	15	45
		2	3.5	1	1.7	LOUISA VA		-51			51
		1	1.9			LUNENBURG VA					
				2	3.8	MADISON VA					90
2*	4.5	1	1.4	1	1.5	MATHEWS VA	-69	10	-66	03	45
				1	.7	MECKLENBURG VA					25
		1	3.4			MIDDLESEX VA					
2	1.3	3	1.6	5	1.8	MONTGOMERY#VA	24	17	44	46	57
				1	1.7	NELSON VA					50
1	1.5	2	3.4			NORTHAMPTON VA	120				
		1	1.6	5*	7.3	NORTHUMBERLAND VA		351			98
		1	1.9	2	2.3	NOTTOWAY VA		23			70
1	1.5	1	1.3	1	1.1	ORANGE VA	-14	-17	-28	15	33
		1	1.0			PAGE VA					
		1	1.5			PATRICK VA					
2	.7	8	1.9	7	1.3	PITTSYLVANIA#VA	182	-34	88	61	38
				1	1.9	PRINCE EDWARD VA					58
				4	1.2	PRINCE WILLIAM#VA					35
2	1.3	5*	3.9	10*	5.8	PULASKI VA	213	47	362	94	97
1*	4.7			1	2.8	RAPPAHANNOCK VA			-40	11	81
		1	3.1			RICHMOND VA					
13*	2.0	11	1.3	25	2.1	ROANOKE#VA	-35	55	1	27	64
		1	.8	2	1.1	ROCKBRIDGE#VA		44			33
		2	.7	8	2.2	ROCKINGHAM#VA		208			68
		2	1.7	5	3.3	RUSSELL VA		94			87
				1	.7	SCOTT VA					24
		1	.7	3	1.5	SHENANDOAH VA		115			43
2	1.5	2	1.2	3	1.5	SMYTH VA	-17	4	-14	21	38
3*	5.2			2	2.5	SOUTHAMPTON#VA			-52	06	75
2	2.1			6	3.0	SPOTSYLVANIA#VA			42	45	83
		1	1.8	4	3.6	STAFFORD VA		100			89
				2*	5.6	SUSSEX VA					97
3	2.1	1	.5	4	1.6	TAZEWELL VA	-73	190	-23	17	47
1	2.0	1	1.2	4	4.0	WARREN VA	-40	227	97	63	92
4	1.8	6	2.0	8	2.2	WASHINGTON#VA	12	5	18	34	67
1	3.0			2	2.5	WESTMORELAND VA			-16	20	75
1	.4	3	1.4	3	1.1	WISE#VA	209	-20	146	75	33
				1	.5	WYTHE VA					22
19	1.5	27	1.6	37	1.7	CHESAPEAKE CITY#VA	8	2	11	31	51
3	2.0	8*	3.2	8	2.2	HAMPTON CITY VA	62	-32	11	31	68
1	.6	6	2.1	6	1.6	NEWPORT NEWS CITY VA	271	-27	172	79	46
1	1.0	1	.8	6	3.6	SUFFOLK CITY VA	-25	365	247	88	89
154	1.2	249	1.6	403	2.0	WASHINGTON WA	29	25	61		
				3*	4.9	ADAMS WA					96
3*	4.9			6*	5.3	ASOTIN WA			9	30	96
3	1.3	2	1.0	4	1.2	BENTON WA	-26	21	-11	22	36
5	1.6	3	1.3	7	2.2	CHELAN WA	-21	74	37	42	68
1	.9	4	2.5	3	.9	CLALLAM WA	186	-65	0	26	27
10*	2.4	7	1.3	16	1.9	CLARK WA	-45	42	-22	18	57
		1	2.9	2	4.7	COLUMBIA WA		59			95
4	1.7	4	1.3	5	1.3	COWLITZ WA	-24	1	-23	17	38
		1	1.2	3	2.6	FRANKLIN WA		120			77
		1	3.3			GARFIELD WA					
2	1.3	1	1.1	3	1.4	GRANT WA	-15	21	3	28	41
1	.4	5	1.5	9	2.2	GRAYS HARBOR WA	287	50	479	96	68
		2	2.1	2	1.2	ISLAND WA		-45			35
1	2.5			2	2.1	JEFFERSON WA			-15	21	66

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
											%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
62*	1.5	83	1.6	133	2.0	KING	WA	6	29	36	42	63
2	.5	10	2.0	14	2.1	KITSAP	WA	307	6	332	92	66
		1	.9	1	.7	KITTITAS	WA		-26			24
		1	1.6			KLICKITAT	WA					
3	1.2	4	1.2	4	1.1	LEWIS	WA	2	-6	-4	25	33
				2	2.4	LINCOLN	WA					74
1	1.3	1	.9	1	.6	MASON	WA	-32	-35	-56	05	23
2	1.8	3	2.4	3	2.0	OKANOGAN	WA	33	-15	13	32	63
1	1.0	2	1.7	2	1.2	PACIFIC	WA	68	-29	20	35	37
14	1.0	32	1.8	40	1.9	PIERCE	WA	91	2	94	63	58
		4	1.2	10	2.4	SKAGIT	WA		90			72
4	.6	20	2.1	33	2.5	SNOHOMISH	WA	278	16	339	93	74
20	1.6	23	1.5	42	2.2	SPOKANE	WA	-8	52	40	44	68
1	1.1	1	1.1	3	2.3	STEVENS	WA	-5	114	104	66	70
3	1.1	4	1.1	7	1.2	THURSTON	WA	-1	7	6	29	36
3	1.4	5	2.2	10	3.6	WALLA WALLA	WA	54	61	148	75	89
6	1.5	5	1.2	15	2.7	WHATCOM	WA	-22	128	78	58	78
1	.7	3	1.9	3	2.0	WHITMAN	WA	179	4	189	81	61
3	.5	16	2.2	15	1.6	YAKIMA	WA	349	-29	217	85	47
63	.8	101	1.1	194	1.7	WEST VIRGINIA	WV	39	58	120		
1	1.0	1	1.0	2	1.6	BARBOUR	WV	-1	63	62	53	46
1	.6	2	1.0	3	1.2	BERKELEY	WV	66	19	96	63	36
1	1.0	1	.7	1	.7	BOONE	WV	-23	-6	-28	15	24
				1	.9	BRAXTON	WV					27
2	1.9	1	.7	4	2.2	BROOKE	WV	-65	235	19	34	68
8	1.5	4	.6	11	1.3	CABELL	WV	-62	132	-11	22	39
2*	4.9	1	2.2	2	4.4	CALHOUN	WV	-56	103	-11	22	94
				1	1.7	CLAY	WV					50
		1	2.8	1	1.6	DODDRIDGE	WV		-43			47
		7	2.5	6	1.8	FAYETTE	WV		-27			56
		1	2.7	2	3.4	GILMER	WV		25			87
				1	1.7	GRANT	WV					51
		2	1.0			GREENBRIER	WV					
				2	2.6	HAMPSHIRE	WV					77
1	.8	4	2.2	4	1.7	HANCOCK	WV	170	-20	116	69	53
1	2.4			1	1.2	HARDY	WV			-49	07	36
3	.7	2	.4	7	1.2	HARRISON	WV	-36	181	81	59	36
		2	2.0			JACKSON	WV					
1	1.3			6*	4.2	JEFFERSON	WV			234	87	93
8	.9	12	1.1	22	1.7	KANAWHA	WV	23	58	94	63	50
1	.8	1	.8			LEWIS	WV	-1				
		1	1.0	2	1.7	LINCOLN	WV		68			51
				4	1.8	LOGAN	WV					54
3	1.5	4	2.2	4	1.9	MC DOWELL	WV	50	-15	28	38	59
8*	2.4	5	1.3	16*	3.3	MARION	WV	-46	157	39	43	86
2	1.0			7	2.9	MARSHALL	WV			180	80	81
		1	.9	3	2.0	MASON	WV		121			63
3	1.0	3	.9	9	2.1	MERCER	WV	-11	139	113	68	66
2	2.1	2	1.7	3	2.0	MINERAL	WV	-19	18	-4	24	62
				1	.6	MINGO	WV					23
1	.4	6	2.1	6	1.6	MONONGALIA	WV	454	-22	333	92	49
1	1.4	2	2.5	3	3.6	MONROE	WV	85	43	164	77	89
		2	1.8	5	3.4	NICHOLAS	WV		93			88
2	.5	3	.6	9	1.7	OHIO	WV	25	164	231	87	51
		1	1.8	3	4.8	POCAHONTAS	WV		159			95
		1	.7	4	2.3	PRESTON	WV		217			72
		1	.9	3	1.8	PUTNAM	WV		92			54
1	.4	5	1.5	10	2.2	RALEIGH	WV	295	52	501	97	69
2	1.6	2	1.5	4	2.3	RANDOLPH	WV	-6	47	38	43	70
1	1.4	1	1.0			RITCHIE	WV	-29				
1	1.0	2	1.9			ROANE	WV	81				
1	1.1	3	3.7	1	1.0	SUMMERS	WV	232	-72	-7	23	32
1	1.0	3	3.0	2	1.5	TAYLOR	WV	215	-50	56	51	44
1	2.3	1	1.8			TUCKER	WV	-21				
1	1.4	2	3.3	1	1.6	TYLER	WV	144	-50	21	35	50
1	1.2	1	.8	1	.7	UPSHUR	WV	-34	-11	-41	11	25
1	.6	1	.6	3	1.4	WAYNE	WV	-4	136	127	72	41
				1	2.0	WEBSTER	WV					63
		1	.9	2	1.6	WETZEL	WV		83			49
				1	3.7	WIRT	WV					90
		5	1.1	8	1.5	WOOD	WV		34			44
				1	.8	WYOMING	WV					26
198	1.0	318	1.4	529	1.9	WISCONSIN	WI	33	37	83		
		1	1.4	2	2.0	ADAMS	WI		40			62
1	.9			2	1.3	ASHLAND	WI			46	46	38
3	1.6	1	.5	7	2.7	BARRON	WI	-70	451	65	54	78
2	2.9			1	1.0	BAYFIELD	WI			-66	03	30
4	.8	3	.5	13	1.6	BROWN	WI	-39	233	103	65	46
		3	3.7	6*	5.8	BUFFALO	WI		59			97
		1	1.3	1	1.1	BURNETT	WI		-13			34
		1	1.0	2	1.4	CALUMET	WI		48			42
		2	.8	5	1.9	CHIPPEWA	WI		133			57
3	1.8	2	.9	5	2.6	CLARK	WI	-48	175	43	45	77
		6	2.5	4	1.4	COLUMBIA	WI		-43			42
		1	1.1	3	2.4	CRAWFORD	WI		115			74
11	1.2	19	1.7	29	2.0	DANE	WI	43	19	71	56	63
2	.6	10	2.6	12	2.7	DODGE	WI	324	4	341	93	80
1	.9	2	1.6	1	.5	DOOR	WI	72	-69	-46	08	22
5	2.0	4	1.4	9	2.9	DOUGLAS	WI	-29	105	46	46	81
1	.6	1	.6	5	3.2	DUNN	WI	-8	465	418	95	85
2	.7	7	1.9	5	1.2	EAU CLAIRE	WI	186	-36	83	60	37
				1	3.3	FLORENCE	WI					86
4	1.0	15*	3.1	12	2.1	FOND DU LAC	WI	211	-33	109	67	64
1	2.9			2	3.0	FOREST	WI			6	29	84
3	1.3	5	1.5	7	2.2	GRANT	WI	17	48	73	57	67
1	.6	6*	3.8	4	1.9	GREEN	WI	502	-50	203	83	59
		3	3.0	2	1.4	GREEN LAKE	WI		-52			42

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				4	3.2	IOWA WI					85
1	1.3	2	2.0	3	2.5	JACKSON WI	56	23	92	62	75
4	1.4	6	1.8	10	2.5	JEFFERSON WI	24	45	79	59	76
		5*	3.8	2	1.2	JUNEAU WI		-67			37
4	.9	8	1.4	13	2.0	KENOSHA WI	63	41	130	72	64
1	1.3			4	3.7	KEWAUNEE WI			195	82	90
3	.8	5	1.1	12	1.8	LA CROSSE WI	43	60	129	72	56
3*	3.3			1	1.1	LAFAYETTE WI			-68	02	32
3	2.7	1	.6	6	4.6	LANGLADE WI	-77	630	70	55	94
1	.8	2	1.3	1	.6	LINCOLN WI	69	-51	-18	19	23
4	1.1	5	1.1	11	1.8	MANITOWOC WI	2	71	73	57	57
1	.2	7	1.4	11	1.9	MARATHON WI	537	39	789	99	60
2	1.0			2	.7	MARINETTE WI			-32	14	25
2*	3.6	2	2.5	1	.9	MARQUETTE WI	-30	-64	-75	01	29
3	1.1	2	.7	8	1.6	MENOMINEE#WI	-38	146	52	49	48
62	1.3	79	1.4	125	1.9	MILWAUKEE WI	7	40	49	48	60
1	.5	1	.7	2	.7	MONROE WI	28	2	31	40	25
3*	2.8	1	.6	2	1.0	ONEIDA WI	-77	56	-64	03	31
2	.5	5	1.0	12	1.9	OUTAGAMIE WI	122	86	313	92	60
2	1.4	3	1.4	4	1.3	OZAUKEE WI	0	-1	-1	26	40
				1	1.7	PEPIN WI					52
		1	.6	7*	3.7	PIERCE WI		577			90
		4	2.3	3	1.3	POLK WI		-44			38
		2	.9	5	1.8	PORTAGE WI		103			54
				1	1.1	PRICE WI					32
8	1.3	11	1.5	16	1.8	RACINE WI	12	23	37	42	55
1	1.0			3	3.5	RICHLAND WI			264	89	89
8	1.5	11	1.7	13	1.8	ROCK WI	10	6	17	33	54
1	1.4	2	2.5	3	3.0	RUSK WI	84	18	116	68	83
1	.7			7	3.7	ST CROIX WI			404	95	90
2	1.0	7	2.6	3	1.3	SAUK WI	164	-52	28	38	38
		2	3.6	1	1.3	SAWYER WI		-63			40
4	.9	5	.9	8	1.2	SHEBOYGAN WI	2	39	43	45	36
1	1.8	2	2.3			TAYLOR WI	30				
1	.8	2	1.4	1	.9	TREMPEALEAU WI	81	-36	15	33	28
2	1.3	3	1.6	5	2.3	VERNON WI	24	41	75	58	71
1	1.8			2	1.5	VILAS WI			-18	19	43
3	1.1	7	2.0	4	.9	WALWORTH WI	83	-53	-15	21	29
		1	1.3	2	2.1	WASHBURN WI		65			66
4	2.0	1	.4	2	.6	WASHINGTON WI	-80	50	-69	02	23
6	1.2	14	1.8	26	2.5	WAUKESHA WI	54	41	117	69	75
3	1.5	3	1.2	5	1.6	WAUPACA WI	-18	38	13	32	49
				4	2.6	WAUSHARA WI					77
1	.2	8	1.2	18	2.2	WINNEBAGO WI	465	88	960	99	69
5	2.0	5	1.7	13*	2.9	WOOD WI	-17	71	42	45	81
7	.6	21	1.5	21	1.1	WYOMING WY	165	-22	108		
1	1.3			1	1.1	ALBANY WY			-19	18	32
				1	1.1	BIG HORN WY					33
				1	1.5	CARBON WY					45
2	2.7	3	3.4	5*	4.5	FREMONT WY	29	32	70	56	94
1	1.6					GOSHEN WY					
		1	3.1			JOHNSON WY					
		2	.8	5	1.7	LARAMIE WY		121			50
				2	4.8	LINCOLN WY					95
1	.6	2	1.0	1	.3	NATRONA WY	75	-65	-39	11	21
		2	2.2	2	1.6	PARK-TETON#WY		-27			47
2	1.8	6*	5.1	1	.6	SHERIDAN WY	175	-88	-66	03	23
		3	3.6	2	2.0	SWEETWATER WY		-45			62

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

NON-WHITE MALE 1950-1959 DEATHS	RATE	1960-1969 DEATHS	RATE	1970-1979 DEATHS	RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
1270	1.9	2585	3.4	4501	4.6	UNITED STATES		74	38	141		
44	1.2	92	2.6	186	4.9	ALABAMA	AL	108	90	295		
		1	4.8	1	4.1	AUTAUGA	AL		-14			77
		1	2.6	3	7.3	BALDWIN	AL		175			87
		1	2.7			BARBOUR	AL					
				1	5.8	BIBB	AL					84
		1	3.9	2	4.7	BULLOCK	AL		21			80
1	2.4			3	6.2	BUTLER	AL			160	71	85
		3	5.2	2	2.8	CALHOUN	AL		-46			73
		1	2.6	2	4.4	CHAMBERS	AL		74			79
		2*	40.7	3*	57.3	CHEROKEE	AL		41			99
				2	11.9	CHILTON	AL					94
				2	5.1	CHOCTAW	AL					81
2	5.3			3	6.0	CLARKE	AL			14	27	85
		1	3.1	2	4.9	COLBERT	AL		62			81
		2	7.1	1	3.0	CONECUH	AL		-58			74
				1	8.2	COOSA	AL					90
		1	4.3			COVINGTON	AL					
				1	4.6	CRENSHAW	AL					80
		1	4.7			DALE	AL					
		3	3.4	4	3.3	DALLAS	AL		-4			74
				1	2.7	ELMORE	AL					73
		1	1.7	3	6.6	ESCAMBIA	AL		297			86
				3	4.9	ETOWAH	AL					80
		1	9.0	1	12.2	FAYETTE	AL		35			94
				1	16.1	FRANKLIN	AL					96
				1	7.3	GENEVA	AL					88
		1	3.0	1	2.0	GREENE	AL		-33			71
				3	5.3	HALE	AL					82
				1	5.2	HENRY	AL					82
1	1.6	4*	8.0	4	7.6	HOUSTON	AL	407	-5	381	88	88
12	1.6	33	3.7	59*	6.3	JEFFERSON	AL	133	72	300	85	85
		3*	9.8	3	10.1	LAUDERDALE	AL		3			92
				1	4.5	LAWRENCE	AL					79
1	1.6	2	3.3	1	1.6	LEE	AL	111	-52	1	22	71
		2	7.8	2	8.7	LIMESTONE	AL		11			90
1	2.7	2	5.6			LOWNDES	AL	106				
2	1.9	3	2.6	1	.8	MACON	AL	38	-67	-55	04	70
1	1.4	1	1.5	3	3.7	MADISON	AL	10	149	175	73	76
1	1.3			1	2.3	MARENGO	AL			73	51	72
				1*	22.5	MARION	AL					97
1*	38.5					MARSHALL	AL					
6	2.1	8	2.4	21	5.6	MOBILE	AL	13	138	170	72	83
1	2.6			1	2.1	MONROE	AL			-18	14	72
5	2.4	7	3.2	8	3.3	MONTGOMERY	AL	36	2	39	34	74
				1	3.0	MORGAN	AL					74
1	2.9			1	2.1	PICKENS	AL			-30	11	71
1	1.4	2	4.6	4	11.3	PIKE	AL	231	148	719	97	93
1	6.5					RANDOLPH	AL					
				3	4.3	RUSSELL	AL					78
1	8.0			1	6.4	ST CLAIR	AL			-20	14	85
				7*	11.8	SUMTER	AL					94
		1	3.1	1	2.9	TALLAPOOSA	AL		-5			73
2	1.9	1	.8	5	4.0	TUSCALOOSA	AL	-57	385	110	60	77
2*	6.4	1	6.2			WALKER	AL	-3				
		1	5.0	1	5.0	WASHINGTON	AL		-1			81
1	1.9			8*	17.4	WILCOX	AL			795	98	96
		3	2.6	7	3.3	ALASKA	AK		27			
4	1.3	15	3.7	35	4.6	ARIZONA	AZ	187	26	260		
		1	1.7	4	5.0	APACHE	AZ		194			81
				2	16.2	COCHISE	AZ					96
				2	4.5	COCONINO	AZ					79
		1	8.2			GILA	AZ					
3	2.7	6	5.2	12	4.5	MARICOPA	AZ	91	-15	62	45	79
		2*	67.7			MOHAVE	AZ					
				2	2.2	NAVAJO	AZ					72
1	2.6	1	1.4	10	7.4	PIMA	AZ	-44	421	191	75	88
		2	.5.6	2	3.0	PINAL	AZ		-46			74
		2*	14.0	1	4.2	YUMA	AZ		-70			78
25	1.4	57	3.3	76	4.4	ARKANSAS	AR	133	33	211		
		2	5.0	1	2.4	ASHLEY	AR		-51			72
1	4.6	2	7.3	1	4.9	BRADLEY	AR	58	-33	6	24	80
2	3.8			2	5.4	CHICOT	AR			42	36	83
2*	8.0			1	3.2	CLARK	AR			-59	03	74
1	3.2	1	3.6	1	3.1	COLUMBIA	AR	13	-13	-2	21	74
1	7.8					CONWAY	AR					
		1	14.0			CRAIGHEAD	AR					
		6	5.2	8	6.9	CRITTENDEN	AR		32			87
1	4.2					CROSS	AR					
		2	6.2			DESHA	AR					
1	3.2			1	4.7	DREW	AR			49	39	80
1*	9.1	1	7.3	1	5.7	FAULKNER	AR	-19	-22	-37	08	84
2*	6.4	2	8.1	1	2.7	GARLAND	AR	25	-66	-57	04	73
		1	2.1	1	1.9	HEMPSTEAD	AR		-10			71
1*	11.8			2	13.2	HOT SPRING	AR			12	26	95
				1	9.0	HOWARD	AR					91
2	1.2	7	4.4	9	5.4	JEFFERSON	AR	258	24	345	86	63
		3	4.4	2	4.4	LEE	AR		-1			78
		1	3.5	2	5.9	LINCOLN	AR		68			84
				1	5.4	LITTLE RIVER	AR					83
				1	3.8	LONOKE	AR					76

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE 1950-1959		1960-1969		1970-1979		MULTIPLE MYELOMA COUNTY AND STATE	PERCENT CHANGE			ICD 203 EXCEPT 203.1 PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	2.6	1	2.1	1	2.0	MILLER AR	-20	-7	-25	12	71
1	1.1	2	2.0	3	5.7	MISSISSIPPI AR	82	179	408	90	84
		1	2.1	2	4.6	MONROE AR		113			79
2	3.9	1	1.8	5	9.0	OUACHITA AR	-54	407	131	65	91
		6	4.7	4	3.8	PHILLIPS AR		-20			76
1*	44.6					PIKE AR					
		1	6.1			POINSETT AR					
2	.9	7	3.2	13	5.2	PULASKI AR	241	65	462	91	82
		3	4.3	4	5.9	ST FRANCIS AR		36			84
		2	10.5			SEBASTIAN AR					
2	3.1	3	5.4	7*	9.9	UNION AR	73	83	217	79	92
				1*	24.9	WASHINGTON AR					97
		1*	14.6			WHITE AR					
1	2.5					WOODRUFF AR					
72	2.0	160	3.0	323	3.2	CALIFORNIA CA	53	5	61		
10	2.4	16	2.7	31	3.5	ALAMEDA CA	12	29	44	37	75
		1	7.0			BUTTE CA					
		1*	67.0			COLUSA CA					
1	.5	5	4.4	9	4.5	CONTRA COSTA CA	870	2	886	98	79
3	2.7	3	2.3	7	2.3	FRESNO CA	-15	1	-15	17	72
1*	106.0					GLENN CA					
				1	1.0	IMPERIAL CA					70
1	.8	3	2.9	6	3.0	KERN CA	252	6	272	81	74
				1	11.9	LAKE CA					94
27	1.7	87	3.8	163	3.8	LOS ANGELES CA	130	-1	129	65	76
		2*	13.2	2	5.2	MADERA CA		-60			82
		1	3.7			MERCED CA					
		1	1.1	3	3.1	MONTEPEY CA		194			74
				1	6.5	PLACER CA					86
2	4.4	3	3.0	6	2.8	RIVERSIDE CA	-33	-6	-37	09	73
2	2.2	2	1.0	9	3.0	SACRAMENTO CA	-57	215	36	34	74
1*	13.0					SAN BENITO CA					
1	1.8	4	4.9	6	2.7	SAN BERNARDINO CA	167	-44	50	40	73
2	2.1	3	1.5	12	3.7	SAN DIEGO CA	-30	148	75	51	76
8	2.4	15	2.4	32	3.3	SAN FRANCISCO CA	0	40	41	35	74
2	1.3	7	4.4	8	2.6	SAN JOAQUIN CA	236	-40	101	57	73
1	8.8			1	3.2	SAN LUIS OBISPO CA			-64	02	74
2	2.6	2	4.7	9	4.5	SAN MATEO CA	79	-4	72	50	79
				3	4.1	SANTA BARBARA CA					77
3	5.7			5	2.0	SANTA CLARA CA			-65	01	71
1	6.1	1	6.8			SANTA CRUZ CA	10				
		2	6.4	5	4.7	SOLANO CA		-26			80
2*	18.0					SONOMA CA					
1*	8.8			1	8.2	SUTTER CA			-7	19	90
				1*	43.0	TEHAMA CA					98
1	2.3					TULARE CA					
		1	6.2	1	1.5	VENTURA CA		-76			70
		13*	5.6	11	2.7	COLORADO CO		-52			
		1*	18.7			ADAMS CO					
				1*	136.6	BACA CO					99
		1*	74.3			COSTILLA CO					
		8	4.9	8	3.5	DENVER-ARAPAHOE# CO		-28			75
		2*	12.3	1	3.5	EL PASO CO		-72			75
				1*	20.6	MESA CO					97
		1*	5.3			WELD CO					
10*	4.1	18	5.8	25	4.9	CONNECTICUT CT	41	-15	20		
6*	5.8	8*	8.0	4	2.0	FAIRFIELD CT	38	-75	-65	01	71
2	5.6	5	5.1	9	6.0	HARTFORD CT	-9	16	6	24	84
1*	21.3					LITCHFIELD CT					
1	1.2	5	5.8	10	7.0	NEW HAVEN CT	389	21	490	92	87
				2	8.9	NEW LONDON CT					91
5	2.5	5	1.9	14	4.6	DELAWARE DE	-25	149	88		
2	5.7			2	4.7	KENT DE			-17	15	80
3	2.4	2	1.3	7	4.0	NEW CASTLE DE	-44	203	69	48	77
		3	4.7	5	6.6	SUSSEX DE		41			86
39*	4.0	63	4.3	87	5.4	DIST. OF COLUMBIA DC	7	25	33		
39*	4.0	63	4.3	87	5.4	WASHINGTON DC	7	25	33	32	82
29	1.1	102	3.2	198	4.7	FLORIDA FL	202	47	344		
		7*	9.5	6	6.9	ALACHUA FL		-28			87
		2	11.0			BAY FL					
		3	6.5	6	11.1	BREVARD FL		72			93
1	.7	6	3.6	11	4.2	BROWARD FL	382	19	475	92	78
				1	7.5	CLAY FL					88
				1	2.5	COLLIER FL					72
1	3.6					COLUMBIA FL					
6	2.5	16	3.1	30	3.8	DADE FL	26	21	53	41	76
				1	7.6	DE SOTO FL					88
9	2.5	18	4.8	38*	7.9	DUVAL FL	90	64	212	78	89
		3	2.7	7	6.2	ESCAMBIA FL		130			85
		1	1.7	2	2.1	GADSDEN FL		25			71
				1	8.6	HERNANDO FL					90
				1	4.4	HIGHLANDS FL					78
		7	2.9	9	3.6	HILLSBOROUGH FL		22			75
				1	4.3	INDIAN RIVER FL					78
1	2.0			1	1.5	JACKSON FL			-25	12	70
		2	3.8	4	6.8	LAKE FL		78			86
1	2.7	1	2.6	2	4.8	LEE FL	-5	87	79	52	80
1	1.8	1	1.2	3	3.4	LEON FL	-33	176	86	54	75
		1	5.9			LEVY FL					

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COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	5.1	1	4.0	1	2.7	MADISON FL	-21	-33	-47	07	73
		2	6.0	3	8.0	MANATEE FL		32			89
		2	2.8	3	3.9	MARION FL		39			77
		1	6.4	1	6.4	MARTIN FL		-1			85
		1	10.5	2	8.2	MONROE FL		-21			90
		2	1.0	7	3.8	ORANGE FL		290			76
		2*	21.6	1	10.1	OSCEOLA FL		-53			92
2	.8	4	2.9	13	5.1	PALM BEACH FL	285	74	570	95	82
		4	3.2	11	6.2	PINELLAS FL		94			85
4	3.0	6	4.0	13	6.9	POLK FL	32	73	129	65	87
		1	2.0	2	5.0	PUTNAM FL		151			81
				3	8.8	ST JOHNS FL					91
				3	4.4	ST LUCIE FL					78
		1	2.8			SARASOTA FL					
		1	1.5	3	4.5	SEMINOLE FL		200			79
1	4.5	1	4.8	1	4.4	SUWANNEE FL	6	-9	-4	21	78
1	5.6	1	6.2	1	3.7	TAYLOR FL	12	-41	-34	09	76
		3	3.3	4	4.0	VOLUSIA FL		21			77
		1	14.0	1	10.6	WASHINGTON FL		-24			93
53	1.5	109	2.8	192	4.6	GEORGIA GA	90	62	207		
				1*	21.0	BACON GA					97
		2	3.8	3	5.8	BALDWIN GA		54			84
				1	6.0	BARTOW GA					84
				1	4.9	BEN HILL GA					81
5	3.6	5	3.1	4	2.4	BIBB GA	-13	-22	-32	10	72
		1	4.0	2	7.7	BROOKS GA		94			89
1*	13.7					BRYAN GA					
1	3.0			2	6.4	BULLOCH GA			118	62	86
1	1.9			2	4.7	BURKE GA			151	69	80
				1	6.5	BUTTS GA					86
				1	7.9	CAMDEN GA					89
				1	10.1	CANDLER GA					92
		1	4.4	1	4.6	CARROLL GA		5			79
1	.4	8	3.1	16	6.4	CHATHAM GA	718	102	1557	99	85
				1	14.0	CHATTOOGA GA					95
		1	2.7	1	2.1	CLARKE GA		-22			72
				1	17.0	CLAY GA					96
		1	5.6	1	4.8	CLAYTON GA		-15			80
		1	4.5			COBB GA					
				2	6.3	COLQUITT GA					85
		3*	25.1	1	8.6	COOK GA		-66			90
		2	6.1			COWETA GA					
				1	4.8	CRISP GA					80
		2	5.1	1	2.2	DECATUR GA		-57			72
2	3.9	3	2.4	8	3.5	DE KALB GA	-38	46	-10	18	75
				2	14.3	DODGE GA					95
1	5.5	1	5.0			DOOLY GA	-8				
		3	3.7	3	2.6	DOUGHERTY GA		-30			73
				1	14.3	DOUGLAS GA					95
				1	3.6	EARLY GA					75
				1	10.5	EFFINGHAM GA					93
		1	6.0	1	7.3	ELBERT GA		22			87
1	3.2			2	9.7	EMANUEL GA			197	76	92
		1	9.6			EVANS GA					
		1*	20.6			FAYETTE GA					
		1	2.2			FLOYD GA					
				1*	26.8	FRANKLIN GA					98
13	2.2	19	2.6	45	5.9	FULTON GA	20	131	177	73	84
		1	2.0			GLYNN GA					
1*	35.3			1*	29.8	GORDON GA			-16	16	98
		1	4.3	1	4.7	GRADY GA		9			80
1	5.0	1	6.3	2	10.4	GREENE GA	27	66	110	60	93
				1	7.6	GWINNETT GA					88
				1	4.4	HANCOCK GA					78
				1	7.8	HART GA					89
		1	5.5	1	3.8	HENRY GA		-31			76
		1	3.7	1	2.8	HOUSTON GA		-26			73
				3*	31.7	JASPER GA					98
		3*	9.7	2	5.5	JEFFERSON GA		-44			83
				1*	19.6	LANIER GA					97
1	2.4			2	5.1	LAURENS GA			115	61	82
		1	11.0	1	11.1	LEE GA		1			93
		2	10.7	1	4.3	LIBERTY GA		-59			78
				1	10.7	LINCOLN GA					93
		2	3.4	5	7.9	LOWNDES GA		129			89
1	5.5	2*	12.0	2	10.9	MC DUFFIE GA	120	-9	100	56	93
				1	5.1	MC INTOSH GA					81
		1	3.5	1	4.3	MACON GA		24			78
1*	15.1					MADISON GA					
		1	2.6	2	5.5	MERIWETHER GA		113			83
				1	17.9	MILLER GA					96
		1	3.1	1	3.7	MITCHELL GA		18			75
				1	9.6	MONTGOMERY GA					92
1	.9	6	6.8	3	2.8	MUSCOGEE#GA	627	-59	196	75	73
1	6.4	1	3.4	1	3.7	NEWTON GA	-47	8	-43	08	75
		1*	24.9			OCONEE GA					
1*	7.9			1	10.5	OGLETHORPE GA			33	32	93
1	3.3	1	4.5	2	6.8	PEACH GA	35	51	104	58	86
1	8.2					POLK GA					
		1	5.3	1	5.2	PUTNAM GA		-3			82
		1	3.2	1	4.1	RANDOLPH GA		30			77
8*	6.2	7	4.8	15*	8.7	RICHMOND GA	-23	62	40	35	91
		1	14.1	1	9.4	ROCKDALE GA		-33			91
				1	3.9	SCREVEN GA					76
		1	10.8			SEMINOLE GA					
		1	2.9	2	6.1	SPALDING GA		110			85
1	5.3					STEWART GA					
		2	5.0	2	3.8	SUMTER GA		-23			76
1	8.7					TALBOT GA					

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NON-WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				1	10.5	TALIAFERRO GA					93
				1	5.0	TATTNALL GA					81
1	6.1					TAYLOR GA					
				1	5.5	TELFAIR GA					83
		1	1.8	4	6.6	THOMAS GA		265			86
		1	4.2	2	9.2	TIFT GA		120			91
				1	4.1	TOOMBS GA					77
3*	5.6	1	1.6	2	4.1	TROUP GA	-71	156	-26	11	77
		1	9.8			WALKER GA					
1	3.2	2	6.8	2	5.7	WARE GA	112	-16	79	51	84
		2*	14.3			WARREN GA					
1	2.6					WASHINGTON GA					
		2*	15.0			WAYNE GA					
1*	19.3					WHEELER GA					
				2*	32.9	WHITFIELD GA					98
		1	6.4			WILKES GA					
				2	14.9	WILKINSON GA					96
		41	2.3	39	1.7	HAWAII HI		-26			
		4	1.5	8	2.7	HAWAII HI		78			73
		30	2.5	21	1.3	HONOLULU HI		-51			70
		1	.6	5	3.3	KAUAI HI		451			74
		6	2.9	5	2.0	MAUI#HI		-30			71
1	3.0	3	8.2	1	1.1	IDAHO ID	173	-87	-63		
		1*	30.3			ADA ID					
1*	188.7					BONNEVILLE ID					
		1*	28.8	1	8.3	CANYON ID		-71			90
		1*	47.2			FREMONT ID					
78	2.6	127	3.5	246	5.1	ILLINOIS IL	33	46	95		
				4*	14.8	ALEXANDER IL					95
68*	2.9	107	3.6	198	5.0	COOK IL	24	38	72	49	81
				1	7.4	DU PAGE IL					88
				1	10.2	JEFFERSON IL					92
		1*	112.4			JOHNSON IL					
		1	7.9			KANE IL					
2	6.0			3	5.1	KANKAKEE IL			-16	16	82
2*	20.3					KNOX IL					
		1	1.6	6	12.2	LAKE IL		674			94
		3*	16.5	2	8.3	MACON IL		-50			90
1	2.6	1	1.9	6*	11.7	MADISON IL	-27	526	357	87	94
		1*	14.5			MARION IL					
				1	18.4	MASSAC IL					97
		1	19.4			MORGAN IL					
		4*	11.6	4	7.6	PEORIA IL		-34			88
1	2.5			1	5.1	PULASKI IL			104	58	81
2	1.4	3	1.5	12	5.5	ST CLAIR IL	5	270	287	83	83
		1*	11.2			SALINE IL					
1	4.0	1	3.1	3	10.2	SANGAMON IL	-21	224	155	70	92
				1	5.1	VERMILION IL					81
		1	2.1	3	8.8	WILL IL		316			91
1	7.7	1	4.8			WINNEBAGO IL	-37				
25	2.7	35	3.3	77	5.9	INDIANA IN	19	81	116		
		2	5.9	1	1.6	ALLEN IN		-73			71
				1*	56.2	CASS IN					99
				1	7.7	CLARK IN					88
		1	3.1	3	10.4	DELAWARE IN		232			93
		1	17.2			ELKHART IN					
1*	18.2					FLOYD IN					
				3*	16.4	GRANT IN					96
		1	8.0			HOWARD IN					
5	1.8	10	3.3	21	5.5	LAKE IN	84	65	205	77	83
1	12.8					LA PORTE IN					
14*	4.0	19	4.6	28	5.6	MARION IN	16	20	40	34	83
				1*	24.9	MONROE IN					97
				3	4.2	ST JOSEPH IN					78
				1*	94.4	TIPPECANOE IN					99
1	1.8			7*	14.1	VANDERBURGH IN			700	96	95
2*	8.6	1	4.8	3	12.9	VIGO IN	-44	169	50	40	95
1	5.9			4*	22.6	WAYNE IN			285	82	97
4	3.8	4	3.2	7	4.9	IOWA IA	-16	54	30		
		1*	344.1			GRUNDY IA					
1*	68.8					HENRY IA					
				1	12.5	LINN IA					94
				1*	37.5	MARSHALL IA					98
2	5.7	1	2.1	3	5.8	POLK IA	-64	184	3	23	84
		1*	24.4			POTTAWATTAMIE IA					
1*	12.0					SCOTT IA					
				1*	43.0	WAPELLO IA					98
		1*	13.8	1	12.8	WOODBURY IA		-7			9[illegible]
8	2.0	19	4.4	27	5.5	KANSAS KS	127	25	184		
		1	7.2			DOUGLAS KS					
				1	17.2	GEARY KS					96
1*	60.7					GRAHAM KS					
				1*	56.2	JACKSON KS					99
				1	12.5	JOHNSON KS					9[illegible]
				1	16.6	LABETTE KS					96
		3*	11.6	2	8.2	LEAVENWORTH KS		-29			9[illegible]
		1*	24.6	1*	21.0	MIAMI KS		-15			9[illegible]
		1	4.5			MONTGOMERY KS					
		1*	28.1			PRATT KS					

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MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

NON-WHITE MALE 1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		5	8.4	7	8.9	SEDGWICK	KS		6			91
2	5.2	2	4.1	4	6.8	SHAWNEE	KS	-20	65	32	32	86
5	3.3	5	3.3	9	5.5	WYANDOTTE	KS	0	68	68	48	83
18	1.7	43	4.1	58	5.6	KENTUCKY	KY	142	37	232		
		1*	70.1			ALLEN	KY					
				2*	38.7	BELL	KY					98
1	5.6	1	5.8	1	7.8	BOURBON	KY	4	34	40	35	89
1	6.6	1	6.9			BOYLE	KY	4				
				1*	22.3	CALLOWAY	KY					97
				1	2.0	CHRISTIAN	KY					71
		1	5.3			DAVIESS	KY					
2	2.0	4	4.3	4	4.1	FAYETTE	KY	117	-4	109	60	77
		1	17.1	2*	22.7	FULTON	KY		33			97
				2*	66.8	GARRARD	KY					99
		1*	344.1			GRANT	KY					
		1	14.8			GRAVES	KY					
				1*	56.2	GREEN	KY					99
1	3.2	1	28.1			HARLAN	KY	779				
1*	18.9					HART	KY					
		1	9.8	1	5.9	HENDERSON	KY		-40			84
				1*	38.3	HENRY	KY					98
1	4.0	4*	15.9	1	4.5	HOPKINS	KY	297	-72	13	26	79
8	2.3	17	4.5	26	6.8	JEFFERSON	KY	91	53	191	75	86
		2	11.0	1	4.1	KENTON	KY		-62			78
		1*	24.6			KNOX	KY					
		1*	38.2			LAPUE	KY					
1*	8.1			1	9.2	LOGAN	KY			14	27	91
		1	3.3	3	9.8	MC CRACKEN	KY		197			92
		1	5.8	1	5.7	MADISON	KY		-2			84
				1*	70.7	MEADE	KY					99
		1*	16.4			MERCER	KY					
1*	12.7					MONTGOMERY	KY					
		1	17.5			MUHLENBERG	KY					
				1	13.5	NELSON	KY					95
				1*	67.0	NICHOLAS	KY					99
				1*	30.7	PERRY	KY					98
1*	8.9					SHELBY	KY					
				1	15.8	SIMPSON	KY					96
		1	12.3	1	9.8	TODD	KY		-20			92
				2	9.4	WARREN	KY					91
				1*	23.6	WASHINGTON	KY					97
60	1.6	99	2.6	178	4.2	LOUISIANA	LA	61	62	161		
		1	3.1	2	5.5	ACADIA	LA		76			83
		1	4.6	1	5.7	ALLEN	LA		23			84
		2	6.5	2	5.9	ASCENSION	LA		-9			84
		1	3.5	1	3.7	ASSUMPTION	LA		5			75
		1	2.6	2	4.4	AVOYELLES	LA		72			79
1	6.8	1	7.4			BEAUREGARD	LA	8				
3*	7.9	1	2.5	1	3.6	BIENVILLE	LA	-68	44	-54	04	75
1	1.6	2	3.5			BOSSIER	LA	114				
7	2.5	9	2.9	21	6.2	CADDO	LA	18	114	152	70	85
3	3.5	4	4.1	6	5.1	CALCASIEU	LA	16	25	45	38	82
		2*	17.9	3*	17.2	CATAHOULA	LA		-4			96
1	1.7	1	1.6	3	6.6	CLAIBORNE	LA	-4	307	291	83	86
				3	7.5	CONCORDIA	LA					88
		4	5.5	2	4.2	DE SOTO	LA		-24			78
4	2.0	6	2.4	12	4.1	EAST BATON ROUGE	LA	20	72	106	59	77
				1	4.2	EAST CARROLL	LA					78
2	5.1	2	4.0			EAST FELICIANA	LA	-21				
				2	9.0	EVANGELINE	LA					91
2	4.6	1	3.5	1	2.1	FRANKLIN	LA	-24	-39	-54	05	72
1	8.2					GRANT	LA					
		2	3.6	2	3.3	IBERIA	LA		-9			74
				1	1.8	IBERVILLE	LA					71
				1	4.1	JACKSON	LA					77
2	1.7	3	2.7	7	5.0	JEFFERSON	LA	56	85	189	73	81
1	1.9			5	7.5	LAFAYETTE	LA			291	83	88
		1	5.5	2	8.7	LAFOURCHE	LA		59			91
				1	17.7	LA SALLE	LA					96
1	2.5	1	2.8	1	1.9	LINCOLN	LA	13	-35	-26	12	71
1*	11.6					LIVINGSTON	LA					
		1	2.3			MADISON	LA					
1	1.8			2	2.5	MOREHOUSE	LA			42	36	73
		2	3.0	2	3.0	NATCHITOCHES	LA		-1			73
12	1.5	19	2.2	45	4.7	ORLEANS	LA	53	113	224	79	80
3	2.7	4	3.1	2	1.7	OUACHITA	LA	16	-46	-37	09	71
1	6.0					PLAQUEMINES	LA					
1	2.7	1	1.8	1	2.5	POINTE COUPEE	LA	-31	35	-7	19	72
1	.6	5	3.8	3	2.0	RAPIDES	LA	502	-49	207	78	71
				1	4.6	RED RIVER	LA					80
2	5.1	4*	8.9	1	2.4	RICHLAND	LA	75	-74	-54	05	72
		1	6.1			SABINE	LA					
		1	5.0	1	3.5	ST CHARLES	LA		-29			75
1	9.3			2	12.8	ST HELENA	LA			38	34	95
1	3.2			2	5.3	ST JOHN THE BAPT	LA			69	48	82
1	.9	2	1.9	5	4.1	ST LANDRY	LA	110	114	350	87	77
				2	5.7	ST MARTIN	LA					83
1	1.9	1	1.9	4	6.7	ST MARY	LA	1	251	254	81	86
		1	2.4	2	4.2	ST TAMMANY	LA		74			78
1	1.4	2	2.4	3	3.7	TANGIPAHOA	LA	72	59	173	72	76
1	3.4			2	8.1	TENSAS	LA			138	66	90
		2	4.6	2	5.1	TERREBONNE	LA		11			82
		1	4.5	2	6.6	UNION	LA		47			86
		1	5.4	1	4.9	VERMILION	LA		-9			80
1*	12.4					VERNON	LA					
2	3.4	1	2.0	3	5.2	WASHINGTON	LA	-40	157	55	42	82
		2	3.5	3	4.6	WEBSTER	LA		34			80

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

NON-WHITE MALE 1950-1959 DEATHS	RATE	1960-1969 DEATHS	RATE	1970-1979 DEATHS	RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE RATES 70S/50S	1970S
				2	6.0	WEST BATON ROUGE LA					84
				1	7.9	WEST CARROLL LA					89
		1	3.7			WEST FELICIANA LA					
		1	3.2	1	3.6	WINN LA		11			75
1	7.7					MAINE ME					
1*	26.8					PENOBSCOT ME					
38	2.5	69	3.4	134	5.3	MARYLAND MD	39	55	115		
		1*	22.3			ALLEGANY MD					
3	3.3			10	7.3	ANNE ARUNDEL MD			122	63	87
		2	2.5	5	4.0	BALTIMORE MD		59			77
		1	6.0			CAROLINE MD					
2*	17.7	2*	15.1	1	8.0	CARROLL MD	-15	-47	-55	04	89
1	6.2	1	5.8	1	10.2	CECIL MD	-6	76	65	46	92
				1	2.0	CHARLES MD					71
				3	6.6	DORCHESTER MD					86
		2	10.6	1	4.4	FREDERICK MD		-58			79
				1	2.4	HARFORD MD					72
1	9.9	1	3.6			HOWARD MD	-64				
2	4.7	1	.9	5	3.9	MONTGOMERY MD	-80	320	-15	17	77
1	1.4	7	5.4	12	4.5	PRINCE GEORGE'S MD	275	-17	211	78	79
		1	4.4			QUEEN ANNE'S MD					
1	4.2	1	3.0			ST MARY'S MD	-30				
1	2.8	1	3.3	3	9.4	SOMERSET MD	19	183	238	80	92
2*	8.1	1	2.8	3	9.8	TALBOT MD	-66	252	21	29	92
1*	11.2	1	10.9	1	9.8	WASHINGTON MD	-2	-10	-12	17	92
		2	4.1	4	8.0	WICOMICO MD		93			89
				3	9.2	WORCESTER MD					91
23	2.4	44	3.9	80	5.8	BALTIMORE CITY MD	62	47	139	67	84
17*	4.2	18	3.8	32	4.6	MASSACHUSETTS MA	-11	22	8		
				1	5.9	BARNSTABLE MA					84
1	3.8			2	7.2	BRISTOL MA			92	55	87
		1	7.4			ESSEX MA					
2*	2.9	1	2.1	4	5.5	HAMPDEN MA	-29	167	90	54	83
				1*	42.4	HAMPSHIRE MA					98
2	3.9	4	6.3	10*	9.4	MIDDLESEX MA	62	48	140	67	91
1*	12.2	1	5.3	3	11.9	NORFOLK MA	-57	127	-2	22	94
3*	12.1	1	4.2			PLYMOUTH MA	-65				
8	4.2	10	4.2	10	2.9	SUFFOLK MA	0	-30	-30	10	73
				1	5.6	WORCESTER MA					83
59*	3.3	110	3.9	206*	5.5	MICHIGAN MI	16	41	63		
		3	7.1	4	5.2	BERRIEN MI		-28			82
1	2.5	1	2.5	3	4.7	CALHOUN MI	1	90	91	55	80
1	4.4	2	9.3	3	10.7	CASS MI	111	15	143	68	93
				1*	188.7	CHARLEVOIX MI					99
4*	8.5	2	2.1	14*	9.8	GENESEE MI	-75	368	15	28	92
				1	1.0	INGHAM MI					70
		6*	25.1	2	5.3	JACKSON MI		-79			82
		1	5.4	2	7.2	KALAMAZOO MI		35			87
3*	8.1	2	2.6	6	7.9	KENT MI	-68	204	-2	22	89
1*	7.0	1	5.9	1	5.7	LAKE MI	-16	-3	-18	14	84
1*	74.5					LIVINGSTON MI					
		1	3.8	1	4.0	MACOMB MI		6			77
		1	9.1	1	11.1	MONROE MI		23			93
1	2.0	1	1.9	3	4.4	MUSKEGON MI	-8	138	119	62	79
		4	5.6	6	5.3	OAKLAND MI		-4			82
		1	1.5	2	2.9	SAGINAW MI		98			73
		1	7.8	1	7.6	ST CLAIR MI		-2			88
		1*	26.8			ST JOSEPH MI					
		1	4.9	2	5.1	VAN BUREN MI		3			82
3*	8.9	2	5.0	1	1.6	WASHTENAW MI	-44	-69	-83	00	71
44*	3.6	79	3.6	152*	5.5	WAYNE MI	1	52	54	41	83
2	1.4	7	4.6	5	2.4	MINNESOTA MN	243	-48	77		
		1*	26.5			BECKER MN					
				1	12.4	BELTRAMI MN					94
1*	17.9	1*	14.5			CASS MN	-19				
		1*	29.8			CLEARWATER MN					
		1	1.7	2	2.4	HENNEPIN MN		45			72
		1*	60.6			MILLE LACS MN					
1	2.9	2	4.7	2	3.7	RAMSEY MN	63	-22	27	31	76
31	.9	79	2.3	161	4.6	MISSISSIPPI MS	159	99	414		
		1	1.4	4	4.9	ADAMS MS		256			81
				3	8.0	AMITE MS					89
2	5.8	2	4.8			ATTALA MS	-17				
				1	8.0	BENTON MS					89
1	.9	2	1.3	6	5.1	BOLIVAR MS	48	300	490	93	81
				1	7.7	CALHOUN MS					88
1	4.0			1	4.3	CARROLL MS			8	25	78
		1	4.3	2	8.0	CHICKASAW MS		87			89
		1	14.7			CHOCTAW MS					
1	4.0			2	5.8	CLAIBORNE MS			43	37	84
				1	2.9	CLARKE MS					73
		1	2.6	2	4.6	CLAY MS		75			79
		1	.8	6	5.9	COAHOMA MS		591			84
		1	1.9	2	3.7	COPIAH MS		93			76
		1	5.6			COVINGTON MS					
		1	2.0	2	4.6	DE SOTO MS		131			79
1	1.4	1	1.3	7*	12.0	FORREST MS	-7	833	770	98	94
1	6.6	2*	13.1			FRANKLIN MS	97				
				2	8.0	GRENADA MS					89

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				4	4.5	HARRISON MS					79
7	3.3	8	3.3	16	5.3	HINDS MS	-1	63	62	45	82
		5	5.7	4	4.5	HOLMES MS		-20			79
		1	2.3	4	10.1	HUMPHREYS MS		337			92
				2*	30.9	ISSAQUENA MS					98
		1	2.5	2	5.0	JACKSON MS		99			81
		1	3.1			JASPER MS					
				3	10.5	JEFFERSON MS					93
		4	6.3	2	3.3	JONES MS		-48			74
		4*	12.5			KEMPER MS					
1	4.0			3	9.6	LAFAYETTE MS			140	67	92
		4	4.6	2	2.2	LAUDERDALE MS		-52			72
1	6.8					LAWRENCE MS					
1	4.7					LEAKE MS					
1	3.2					LEE MS					
		2	2.0	3	2.5	LEFLORE MS		26			72
1	2.5	1	2.8			LINCOLN MS	12				
		2	2.9	5	8.1	LOWNDES MS		179			90
		3	3.8	4	4.1	MADISON MS		9			77
				2	5.7	MARION MS					84
		1	2.1	3	4.7	MARSHALL MS		125			80
		1	2.5	2	3.8	MONROE MS		51			76
				1	4.7	MONTGOMERY MS					80
				3	12.5	NEWTON MS					94
				1	2.8	NOXUBEE MS					73
				4	11.3	OKTIBBEHA MS					93
1	1.5	1	1.6	1	1.4	PANOLA MS	2	-9	-7	19	70
		2	9.5	2	9.8	PEARL RIVER MS		3			92
		3	5.4	4	7.4	PIKE MS		37			88
		1	7.2			PONTOTOC MS					
				1	12.8	PRENTISS MS					95
1	1.9			1	1.7	QUITMAN MS			-12	17	71
1	1.5	2	4.5	2	3.6	RANKIN MS	197	-20	137	66	75
				2	6.0	SCOTT MS					84
				1	7.8	SHARKEY MS					89
1	3.1					SIMPSON MS					
				2*	28.6	STONE MS					98
1	.7	5	4.7	3	3.3	SUNFLOWER MS	561	-30	360	87	74
				5	8.7	TALLAHATCHIE MS					90
1	2.7	1	2.6	1	3.0	TATE MS	-2	16	14	27	74
				1*	14.5	TISHOMINGO MS					95
1	1.7					TUNICA MS					
1	7.0					UNION MS					
				2	10.3	WALTHALL MS					93
1	1.0	3	3.1	5	5.2	WARREN MS	208	65	409	90	82
1	.6	3	1.7	7	4.7	WASHINGTON MS	212	167	732	97	80
		2	9.9			WAYNE MS					
		1	3.1	1	2.5	WILKINSON MS		-20			72
1	3.2	2	5.6	2	5.1	WINSTON MS	77	-10	60	44	82
				2	9.9	YALOBUSHA MS					92
1	1.3			4	5.7	YAZOO MS			348	86	83
32	2.1	62	3.7	102	5.4	MISSOURI MO	78	48	165		
				1	8.0	AUDRAIN MO					89
				1	6.1	BOONE MO					85
		1	5.5			BUCHANAN MO					
				1	6.7	BUTLER MO					86
		1	6.2			CALLAWAY MO					
		1*	14.5	1*	17.2	CHARITON MO		19			96
1	8.7	1	7.8	1	16.1	COLE MO	-10	105	86	54	96
		1*	13.2			DUNKLIN MO					
				1	8.0	GREENE MO					89
				1	10.2	HOWARD MO					92
8	2.4	17	4.4	26	6.0	JACKSON MO	81	37	147	69	85
1*	22.3					JASPER MO					
				1*	44.6	LINCOLN MO					99
		1	4.0			MISSISSIPPI MO					
				1*	67.0	MONITEAU MO					99
				1*	35.3	MONTGOMERY MO					98
1	3.8			1	4.1	NEW MADRID MO			10	25	78
		1	1.8	1	2.2	PEMISCOT MO		23			72
1*	7.4	2*	17.0			PETTIS MO	129				
				1	7.9	PIKE MO					89
				3*	33.6	RANDOLPH MO					98
		1*	34.4	1*	42.4	RAY MO		23			98
1	1.4	4	4.4	8	4.1	ST LOUIS COUNTY MO	218	-8	193	75	77
		1	11.2			SCOTT MO					
		1*	56.2			WARREN MO					
19	2.5	29	3.5	51	5.6	ST LOUIS CITY MO	39	61	124	63	83
1	1.4	1	1.1	5	5.8	MONTANA MT	-25	438	306		
1*	13.4	1	7.9	1	7.4	BIG HORN MT	-41	-6	-45	07	88
				1	18.9	CASCADE MT					97
				1*	112.4	LEWIS AND CLARK MT					99
				1	11.9	ROOSEVELT MT					94
				1*	38.2	SILVER BOW MT					98
4	3.3	7	5.4	7	4.0	NEBRASKA NB	64	-25	23		
4	4.4	5	5.2	5	4.1	DOUGLAS NB	18	-21	-7	20	77
		1*	133.9			HALL NB					
		1*	44.6			KNOX NB					
				2*	14.4	LANCASTER NB					95
		2	1.9	4	2.5	NEVADA NV		34			
		2	3.1	2	2.4	CLARK NV		-22			72
				1	14.9	ELKO NV					96
				1	2.8	WASHOE NV					73

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
32	2.3	70	3.5	117	4.5	NEW JERSEY	NJ	55	28	98		
5	4.1	6	4.2	7	4.7	ATLANTIC	NJ	3	12	16	28	80
2	4.0	5	6.5	5	3.7	BERGEN	NJ	65	-43	-6	20	76
1	2.3			2	.9	BURLINGTON	NJ			-61	02	70
		8	5.6	12	6.9	CAMDEN	NJ		23			87
				1	3.4	CAPE MAY	NJ					75
		3	6.2	9*	14.9	CUMBERLAND	NJ		141			95
12	3.0	16	2.4	35	4.5	ESSEX	NJ	-20	88	50	40	79
1	2.1	1	1.7	4	7.3	GLOUCESTER	NJ	-18	330	252	81	88
2	2.0	4	4.1	6	2.9	HUDSON	NJ	106	-30	45	37	73
2	1.6	7	4.4	6	3.5	MERCER	NJ	174	-21	116	61	75
		3	4.7	2	1.6	MIDDLESEX	NJ		-65			71
2	1.9	5	3.8	7	4.1	MONMOUTH	NJ	105	7	119	62	77
2*	10.3			2	5.3	MORRIS	NJ			-49	06	82
3*	4.8	4	5.9	3	2.2	PASSAIC	NJ	25	-62	-53	05	72
				4	10.6	SALEM	NJ					93
		1	3.5	1	2.4	SOMERSET	NJ		-32			72
		1*	70.1			SUSSEX	NJ					
		6	3.9	11	4.6	UNION	NJ		18			79
2	1.2	3	1.3	9	2.0	NEW MEXICO	NM	14	55	76		
				3	2.6	BERNALILLO	NM					73
		1*	18.2	1	11.6	CHAVES	NM		-36			94
		1	8.0			LEA	NM					
1	1.7					MC KINLEY	NM					
		1	5.7	1	3.7	SANDOVAL	NM		-36			75
1	5.6			2	3.8	SAN JUAN	NM			-32	10	76
				2	8.6	TAOS	NM					90
98	2.5	219*	4.1	325	4.2	NEW YORK	NY	62	3	66		
3*	12.9	3	9.6	3	5.1	ALBANY	NY	-26	-46	-60	02	82
4	.9	21	3.7	43	3.7	BRONX	NY	290	1	294	84	76
1*	19.1					BROOME	NY					
		1*	18.9	1	13.4	CATTARAUGUS	NY		-29			95
1*	26.5					CAYUGA	NY					
				2*	24.4	CHAUTAUQUA	NY					97
				1	11.6	CHEMUNG	NY					94
				1	11.8	COLUMBIA	NY					94
		1	2.2	1	2.3	DUTCHESS	NY		2			72
5	3.2	14	4.7	24*	7.2	ERIE	NY	46	54	125	64	87
		1*	26.5			GREENE	NY					
19	2.5	34	2.6	69	4.3	KINGS(BROOKLYN)	NY	2	65	68	48	78
1	2.6	2	2.3	8	7.1	MONROE	NY	-13	212	170	72	87
		1*	68.8			MONTGOMERY	NY					
7*	11.0	2	2.3	13	5.6	NASSAU	NY	-79	139	-49	06	83
41	2.5	90*	5.5	68	3.4	NEW YORK(MANHATTAN)	NY	118	-37	36	33	75
				2	10.8	NIAGARA	NY					93
		2	9.2	3	4.8	ONONDAGA	NY		-47			80
		1*	26.5			ONTARIO	NY					
		2	5.0	1	1.6	ORANGE	NY		-68			71
		1*	35.3			ORLEANS	NY					
7	2.6	26	3.8	47	4.1	QUEENS	NY	49	8	61	44	77
		1	12.1	1	7.8	RENSSELAER	NY		-35			89
3*	10.1			1	2.1	RICHMOND	NY			-79	00	72
				1	2.5	ROCKLAND	NY					72
				1*	38.2	ST LAWRENCE	NY					98
1*	9.8			2	12.9	SCHENECTADY	NY			32	31	95
		3	1.5	14	7.4	SUFFOLK	NY		409			88
		1*	16.9			SULLIVAN	NY					
				3*	15.0	ULSTER	NY					96
5	3.1	12	4.5	15	3.9	WESTCHESTER	NY	44	-13	25	30	77
57	1.6	119	3.2	261*	6.2	NORTH CAROLINA	NC	104	93	292		
1	2.5	2	4.1	6	10.2	ALAMANCE	NC	61	148	300	84	92
		2	5.0	2	4.9	ANSON	NC		-2			81
				1*	67.0	ASHE	NC					99
1	1.9	4*	7.7	3	5.6	BEAUFORT	NC	298	-27	189	74	83
		2	5.1	5	9.3	BERTIE	NC		83			91
				1	3.1	BLADEN	NC					74
		1	4.0	2	6.7	BRUNSWICK	NC		65			86
2	2.8	2	3.1	4	6.4	BUNCOMBE	NC	10	108	128	64	86
				1	5.0	BURKE	NC					81
		2	4.5	3	8.1	CABARRUS	NC		78			90
		1	12.6			CALDWELL	NC					
				1	12.4	CAMDEN	NC					94
1*	10.1					CARTERET	NC					
		2	7.1			CASWELL	NC					
		1	4.9	2	9.2	CATAWBA	NC		87			91
		1	2.5	2	5.5	CHATHAM	NC		119			83
		1	4.8			CHOWAN	NC					
		2	4.6	3	5.7	CLEVELAND	NC		24			83
		2	3.0	4	7.2	COLUMBUS	NC		141			87
1	1.6	5*	10.0	3	4.7	CRAVEN	NC	526	-52	199	76	80
2	1.2	5	5.2	10	8.0	CUMBERLAND	NC	323	52	544	94	89
				1	10.8	CURRITUCK	NC					93
		1*	57.3			DARE	NC					
		1	4.2	2	5.0	DAVIDSON	NC		19			81
				2	3.4	DUPLIN	NC					75
4	3.7	4	3.6	13	7.9	DURHAM	NC	0	118	117	61	89
2	2.1	3	3.3	7	7.9	EDGECOMBE	NC	57	140	276	82	89
4	2.0	3	1.8	11	6.4	FORSYTH	NC	-7	244	221	79	85
1	2.3	1	2.3	6*	13.8	FRANKLIN	NC	-3	510	491	93	95
		1	1.4	3	4.1	GASTON	NC		184			77
				1	8.2	GATES	NC					90
2	4.8			3	5.9	GRANVILLE	NC			22	29	84
		2*	19.2	2	7.2	GREENE	NC		-62			87

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

NON-WHITE MALE 1950-1959 DEATHS	RATE	1960-1969 DEATHS	RATE	1970-1979 DEATHS	RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
2	1.3	4	2.4	15	7.0	GUILFORD	NC	81	194	431	91	87
3	3.3	2	2.1	9*	9.6	HALIFAX	NC	-35	348	189	74	92
		1	3.1	1	1.9	HARNETT	NC		-37			71
1*	11.2			2*	17.9	HENDERSON	NC			60	44	96
		1	2.5	1	2.2	HERTFORD	NC		-10			72
				1	3.2	HOKE	NC					74
1	3.6	3	7.1	1	2.0	IREDELL	NC	98	-72	-45	07	71
		2	4.7	1	2.9	JOHNSTON	NC		-39			73
		1	5.6	1	3.4	LEE	NC		-40			74
1	1.3	3	3.5	6	9.5	LENOIR	NC	177	172	654	96	92
1*	10.1	1	10.1			LINCOLN	NC	0				
2	6.3	1	3.2	1	2.0	MARTIN	NC	-50	-35	-68	01	71
3	1.4	6	2.8	22*	9.2	MECKLENBURG	NC	99	223	544	94	91
1	2.7	1	2.6	1	2.5	MOORE	NC	-4	-5	-9	18	72
2	2.7			3	4.3	NASH	NC			59	43	78
1	1.0	1	1.1	4	6.2	NEW HANOVER	NC	17	456	551	95	85
2	4.3	3	4.7	4	7.9	NORTHAMPTON	NC	9	68	83	53	89
1	2.0					ONSLOW	NC					
1	3.2	2	7.9	2	4.6	ORANGE	NC	149	-41	46	38	79
		1	8.1			PAMLICO	NC					
		1	2.3	3	7.5	PASQUOTANK	NC		220			88
				1	3.0	PENDER	NC					74
				1	5.5	PERQUIMANS	NC					83
1	2.8	3*	11.9	2	5.1	PERSON	NC	323	-58	79	52	81
1	1.1	2	2.0	5	4.8	PITT	NC	78	140	329	86	80
				4*	65.5	POLK	NC					99
1	10.5					RANDOLPH	NC					
		1	2.6	2	4.1	RICHMOND	NC		58			77
1	.8	3	2.1	11	6.7	ROBESON	NC	160	221	735	97	86
2	3.9	3	6.0	2	4.5	ROCKINGHAM	NC	56	-26	16	28	79
1	2.1	4	7.1	8*	12.9	ROWAN	NC	239	80	509	94	95
1	7.4			1	5.0	RUTHERFORD	NC			-33	09	81
		5*	7.9	3	4.7	SAMPSON	NC		-40			80
				6*	14.9	SCOTLAND	NC					96
1	7.1	1	7.4	2	10.6	STANLY	NC	5	43	49	39	93
				1	8.2	SURRY	NC					90
				1*	32.2	TRANSYLVANIA	NC					98
1*	16.3					TYRRELL	NC					
		1	3.0	2	5.9	UNION	NC		101			84
1	2.6	1	2.0	2	3.4	VANCE	NC	-22	68	32	31	75
3	1.5	6	3.7	13	7.4	WAKE	NC	138	103	383	88	88
				1	2.2	WARREN	NC					72
		1	6.5			WASHINGTON	NC					
				1*	89.3	WATAUGA	NC					99
		1	1.1	4	4.9	WAYNE	NC		334			80
				1	6.5	WILKES	NC					86
		2	2.4	5	6.5	WILSON	NC		175			86
1	3.0	2	6.1			NORTH DAKOTA	ND	106				
		2*	54.7			SIOUX	ND					
1*	344.1					STARK	ND					
71*	2.8	143*	4.8	222*	6.1	OHIO	OH	68	28	116		
		1	6.4			ALLEN	OH					
				1	7.1	ASHTABULA	OH					87
		2	5.8	1	2.1	BUTLER	OH		-64			72
2	4.0	1	1.7	4	6.8	CLARK	OH	-59	309	67	47	86
				1*	20.2	CLERMONT	OH					97
		1*	112.4			CLINTON	OH					
		1	12.8			COLUMBIANA	OH					
23*	3.0	43	4.2	81*	6.9	CUYAHOGA	OH	38	65	128	64	87
3	1.0	7	2.3	25	6.8	FRANKLIN	OH	132	195	584	96	86
1*	12.3			1	12.8	GALLIA	OH			4	24	95
		1	4.3	3	11.5	GREENE	OH		164			94
				1*	112.4	GUERNSEY	OH					99
18*	4.3	35*	7.7	35	5.8	HAMILTON	OH	79	-24	36	33	84
1*	45.4					HURON	OH					
1	7.0	3*	14.3	1	6.6	JEFFERSON	OH	103	-54	-6	20	86
2*	25.3	1	11.1	1	12.6	LAWRENCE	OH	-56	13	-50	06	94
1	3.3	3	5.5	5	8.3	LORAIN	OH	69	50	154	70	90
4	3.9	8	5.2	6	3.0	LUCAS	OH	33	-42	-22	13	74
3	2.1	7	4.5	10	6.1	MAHONING	OH	117	36	196	76	85
				1	11.2	MARION	OH					93
		1*	20.4			MIAMI	OH					
8*	4.5	13	5.2	21*	7.3	MONTGOMERY	OH	14	42	62	45	88
				1*	33.5	MORGAN	OH					98
				1	7.3	MUSKINGUM	OH					87
1	7.2	1	4.2			RICHLAND	OH	-41				
		1	5.0			ROSS	OH					
				1	11.2	SCIOTO	OH					93
1	1.2	3	3.8	5	7.0	STARK	OH	208	85	470	91	87
2	1.7	8	7.0	14*	8.0	SUMMIT	OH	322	14	381	88	89
		2	5.0	2	4.3	TRUMBULL	OH		-14			78
15	1.7	30	2.9	55	4.3	OKLAHOMA	OK	69	48	150		
				1	3.6	ADAIR	OK					75
				1	23.6	ATOKA	OK					97
				1*	26.1	BECKHAM	OK					98
1*	15.7					BLAINE	OK					
				1	9.0	BRYAN	OK					91
1	6.2	1	8.6			CADDO	OK	38				
				1	3.5	CARTER	OK					75
				1	12.4	CLEVELAND	OK					94
				1*	24.8	COAL	OK					97
		1	4.1	3	10.3	COMANCHE	OK		150			93
				2	7.3	CREEK	OK					88
				1	5.4	DELAWARE	OK					82
		1	9.6	1	12.6	GARFIELD	OK		31			94

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1*	18.7					GARVIN	OK					
				1*	60.6	HARMON	OK					99
				2*	17.5	HUGHES	OK					96
1*	10.1	1*	15.6			JACKSON	OK	54				
				1	7.3	KAY	OK					87
				1*	24.6	KINGFISHER	OK					97
				1	15.8	KIOWA	OK					96
		1	7.7			LOGAN	OK					
				2	5.0	MC CURTAIN	OK					81
2	2.2	4	4.6	1	1.3	MUSKOGEE	OK	113	-72	-41	08	70
1*	16.3					NOWATA	OK					
1	4.1			1	3.9	OKFUSKEE	OK			-6	21	76
2	1.7	12*	7.1	17	8.0	OKLAHOMA	OK	326	14	384	89	90
1	2.8			2	3.9	OKMULGEE	OK			43	36	76
		1*	30.4			PAWNEE	OK					
				2	9.1	PITTSBURG	OK					91
		1	14.6	1	6.2	PONTOTOC	OK		-57			85
1	5.2	1	5.2	1	4.4	SEMINOLE	OK	0	-15	-15	16	78
				1	8.6	TILLMAN	OK					90
3	2.6	6	4.5	6	3.1	TULSA	OK	73	-32	17	29	74
				1	2.6	WAGONER	OK					73
2	1.4	6	3.7	8	2.8	OREGON	OR	157	-23	98		
				1*	29.8	JEFFERSON	OR					98
				1	14.4	KLAMATH	OR					95
				1	5.3	MALHEUR	OR					82
2	2.2	6	5.6	4	2.5	MULTNOMAH	OR	153	-56	12	26	72
				1	26.8	UMATILLA	OR					98
78*	2.5	144*	4.2	221*	5.6	PENNSYLVANIA	PA	66	34	122		
9	1.6	32*	5.2	42	6.3	ALLEGHENY	PA	235	21	305	85	85
				3*	56.4	ARMSTRONG	PA					99
1	2.2	2	4.1	1	1.9	BEAVER	PA	85	-55	-17	15	71
1	12.6	2	15.4	1	5.0	BERKS	PA	22	-68	-61	02	81
				1	22.5	BLAIR	PA					97
		1	3.5			BUCKS	PA					
		2*	17.4	1	6.4	CAMBRIA	PA		-63			85
		1	1.4	4	4.6	CHESTER	PA		224			79
		1*	18.9	1	19.3	CRAWFORD	PA		2			97
		3	3.4	8	8.0	DAUPHIN	PA		136			89
5	3.3	7	4.5	13	6.8	DELAWARE	PA	39	51	109	60	86
		2	14.5	3	9.9	ERIE	PA		-32			92
2	4.4	4*	7.7	2	7.2	FAYETTE	PA	76	-6	65	46	87
		1	10.3			FRANKLIN	PA					
1*	39.0			1*	15.7	INDIANA	PA			-60	03	96
1*	22.3					LACKAWANNA	PA					
		1	5.8	1	5.1	LANCASTER	PA		-12			82
		2	8.5	2	8.6	MERCER	PA		1			90
1*	149.1					MIFFLIN	PA					
1	1.1	2	2.1	3	3.5	MONTGOMERY	PA	81	69	206	77	75
53*	3.0	79	3.9	126	5.5	PHILADELPHIA	PA	29	40	81	53	63
				1*	81.8	VENANGO	PA					99
				1*	57.3	WARREN	PA					99
		2	5.1	3	8.0	WASHINGTON	PA		58			89
2	5.8					WESTMORELAND	PA					
1	4.5			3	8.8	YORK	PA			97	56	91
4*	8.2	7*	9.4	4	3.8	RHODE ISLAND	RI	15	-59	-53		
		1*	38.3			KENT	RI					
				1	12.6	NEWPORT	RI					94
4*	11.1	5*	8.5	3	3.4	PROVIDENCE	RI	-24	-60	-70	00	74
		1*	17.6			WASHINGTON	RI					
32	1.4	58	2.4	141	5.0	SOUTH CAROLINA	SC	68	115	261		
				1	5.6	ABBEVILLE	SC					83
		3	4.0	3	3.8	AIKEN	SC		-5			76
		1	3.7	2	8.7	ALLENDALE	SC		137			90
		1	1.3	4	5.0	ANDERSON	SC		272			81
				1	3.4	BAMBERG	SC					75
2*	7.7	1	3.7			BARNWELL	SC	-53				
		1	2.0	1	1.9	BEAUFORT	SC		-2			71
2	3.2	2	3.2	4	5.5	BERKELEY	SC	1	71	72	50	83
				2	9.5	CALHOUN	SC					92
3	1.4	2	.8	10	3.7	CHARLESTON	SC	-43	367	168	71	75
				2	8.0	CHEROKEE	SC					90
1	2.8	2	4.5	4	9.8	CHESTER	SC	61	117	248	80	92
		2	5.5	5*	11.4	CHESTERFIELD	SC		109			93
1	1.5			1	1.6	CLARENDON	SC			10	26	71
		1	2.1	3	5.0	COLLETON	SC		143			81
2	3.8	1	1.5			DARLINGTON	SC	-61				
				4*	9.9	DILLON	SC					92
		3	10.5	4	9.1	DORCHESTER	SC		-13			91
1	3.9					EDGEFIELD	SC					
				1	2.9	FAIRFIELD	SC					73
1	1.2	3	3.1	3	2.8	FLORENCE	SC	155	-12	124	63	73
		1	2.2	2	4.1	GEORGETOWN	SC		85			78
1	.8	6	4.5	11*	7.9	GREENVILLE	SC	475	74	900	99	89
2	5.0			4	7.9	GREENWOOD	SC			59	43	89
1	3.7			2	6.2	HAMPTON	SC			66	47	85
				3	5.1	HORRY	SC					81
1	3.3	1	3.6	2	5.2	LANCASTER	SC	10	44	59	43	82
		2	4.2	3	6.4	LAURENS	SC		53			85
				3	8.8	LEE	SC					91
		2	6.4	2	5.1	LEXINGTON	SC		-20			81
1	7.4			2	14.7	MC CORMICK	SC			98	56	95
1	1.9	1	2.1	5	9.3	MARION	SC	11	345	392	89	91
1	2.3	1	2.5	2	4.5	MARLBORO	SC	8	82	97	56	79

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		2	5.0	1	2.6	NEWBERRY	SC		-49			73
		1	6.0	3*	16.8	OCONEE	SC		178			96
1	1.0	2	1.5	7	5.5	ORANGEBURG	SC	56	272	481	92	83
				1	4.4	PICKENS	SC					78
5	2.9	4	1.9	15	5.8	RICHLAND	SC	-35	208	101	57	84
1	6.1	3*	17.0			SALUDA	SC	181				
2	1.8	4	3.7	6	4.9	SPARTANBURG	SC	108	34	178	73	80
		1	1.0	2	1.7	SUMTER	SC		73			71
		2	2.7	4	6.0	WILLIAMSBURG	SC		120			65
2	3.7	2	3.7	6	8.9	YORK	SC	-1	145	143	68	91
1	.8	6	7.0	3	3.1	SOUTH DAKOTA	SD	783	-56	290		
1*	32.2	1*	94.4			BENNETT	SD	193				
		1*	14.9			COPSON	SD					
		1*	16.6			DEWEY	SD					
				1*	53.0	HUGHES	SD					99
				1	18.9	PENNINGTON	SD					97
		2	8.7	1	4.6	SHANNON	SD		-47			79
		1*	49.1			ZIEBACH	SD					
37	1.6	80	3.3	147*	5.5	TENNESSEE	TN	107	66	243		
		1*	14.1			ANDERSON	TN					
		1*	94.4			BENTON	TN					
		1	14.1	1	12.3	BLOUNT	TN		-13			94
		1*	98.2			CAMPBELL	TN					
		1*	14.6			CHESTER	TN					
				1*	31.5	COCKE	TN					98
		1*	21.5			COFFEE	TN					
1	7.7	2*	13.7	4*	32.2	CROCKETT	TN	77	134	316	85	98
2	.6	9	2.9	23	6.6	DAVIDSON	TN	375	128	985	99	86
1	4.5			1	4.1	DYER	TN			-10	18	77
2	2.9			2	2.6	FAYETTE	TN			-9	19	73
		1	3.2	3	6.4	GIBSON	TN		101			86
		1	5.7	1	5.9	GILES	TN		4			84
1	.4	7	3.4	6	2.8	HAMILTON	TN	713	-18	563	95	73
				1	14.5	HARDIN	TN					95
				1*	21.3	HAWKINS	TN					97
2	3.7	2	3.9	3	8.2	HAYWOOD	TN	5	111	121	63	90
1*	20.2					HENDERSON	TN					
2*	11.7			3*	14.5	HENRY	TN			23	30	95
		1*	31.3			HICKMAN	TN					
2	2.2	3	3.1	10*	9.2	KNOX	TN	40	197	316	85	91
				1	12.8	LAKE	TN					95
				3	8.5	LAUDERDALE	TN					90
1	7.4					LINCOLN	TN					
1	1.2	5	6.2	7	7.0	MADISON	TN	413	13	482	92	87
1	2.4			2	4.5	MAURY	TN			85	53	79
1	3.3			6*	16.1	MONTGOMERY	TN			389	89	96
		1*	212.0			MOORE	TN					
				1	5.6	OBION	TN					83
1*	30.7			2*	103.3	PUTNAM	TN			237	80	99
1	4.7	2	9.6			ROBERTSON	TN	105				
1	3.4	1	2.9			RUTHERFORD	TN	-14				
14	1.8	37	4.1	54	5.1	SHELBY	TN	133	25	190	74	82
				2*	18.1	SULLIVAN	TN					96
		2	10.4	4*	21.3	SUMNER	TN		104			97
1	2.3			2	4.1	TIPTON	TN			79	53	78
				2	13.4	WASHINGTON	TN					95
				1	12.6	WEAKLEY	TN					94
1	5.8					WILSON	TN					
91	2.1	182	3.6	284	4.2	TEXAS	TX	72	18	103		
				2	5.2	ANDERSON	TX					82
		2	6.1			ANGELINA	TX					
		1*	60.7			ARANSAS	TX					
				1	8.3	AUSTIN	TX					90
				1*	53.0	BAILEY	TX					99
		1	3.1	3	10.5	BASTROP	TX		236			93
				2	4.5	BELL	TX					79
2	1.2	9	4.9	7	2.4	BEXAR	TX	312	-51	101	57	72
1	1.6	5	7.1	2	2.7	BOWIE	TX	333	-62	65	46	73
		1	2.7	1	1.9	BRAZORIA	TX		-30			71
2	5.4	1	2.6	3	5.5	BRAZOS	TX	-51	109	2	23	83
		1	7.3	2	6.5	BURLESON	TX		-11			86
				1	8.3	CALDWELL	TX					90
1*	19.3					CAMERON	TX					
		1	2.6			CASS	TX					
2*	27.2					CHAMBERS	TX					
		2	4.0	2	3.7	CHEROKEE	TX		-9			76
1*	44.6			1*	57.3	COLEMAN	TX			29	31	99
				1	4.1	COLLIN	TX					77
				1*	18.6	CORYELL	TX					97
9	2.0	28*	5.6	35	5.0	DALLAS	TX	173	-11	144	68	81
1*	8.4			1	6.9	DENTON	TX			-18	15	87
				1	3.1	DE WITT	TX					74
1*	60.6					EASTLAND	TX					
		1	6.2			ECTOR	TX					
1	2.2	3	6.7	4	10.7	ELLIS	TX	209	59	393	90	93
				1	.4	EL PASO	TX					70
		2	7.5			FALLS	TX					
				1	6.9	FANNIN	TX					87
2*	85.7					FLOYD	TX					
		1	2.7	2	5.0	FORT BEND	TX		90			81
		1	2.9	1	3.2	FREESTONE	TX		14			74
5*	5.4	3	2.3	11	6.7	GALVESTON	TX	-58	193	23	30	86
				1	8.0	GONZALES	TX					90
2*	6.0	3*	9.7	2	6.5	GRAYSON	TX	62	-33	9	25	86
1	2.1	8*	12.1	3	4.3	GREGG	TX	476	-64	107	59	78

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE RATES 70S/50S	1970S
1	2.3	1	3.3	1	3.9	GRIMES TX	41	18	67	47	76
		2*	11.8	5*	22.3	GUADALUPE TX		88			97
				1	10.1	HALE TX					92
		2	10.1	1	6.2	HARDIN TX		-38			85
19	2.6	39	4.1	51	4.1	HARRIS TX	57	0	57	42	77
3	3.5	3	3.6	5	6.0	HARRISON TX	3	67	72	49	84
				1	4.1	HAYS TX					77
				2	7.8	HENDERSON TX					89
		1	5.6			HILL TX					
1	3.3					HOUSTON TX					
		1	4.0	3	10.1	HUNT TX		152			92
		1	10.1			JACKSON TX					
1	3.7	1	3.7	2	8.8	JASPER TX	0	135	135	66	91
2	1.1	5	2.1	17	7.3	JEFFERSON TX	93	245	566	95	87
		1	15.7	2*	28.2	JOHNSON TX		79			98
				1	20.2	KARNES TX					97
1	2.7			2	4.6	KAUFMAN TX			72	50	79
1	2.9	4*	10.3			LAMAR TX	251				
				1	27.3	LAMB TX					98
1	5.6					LEE TX					
				2	8.7	LEON TX					91
				2	6.9	LIBERTY TX					87
1	3.2			2	5.8	LIMESTONE TX			79	52	84
1	2.4			2	3.5	LUBBOCK TX			48	39	75
3	3.4	2	1.7	6	4.9	MC LENNAN TX	-48	183	46	38	80
1	4.5			1	3.2	MARION TX			-28	11	74
		1	5.5	2	5.9	MATAGORDA TX		8			84
				1	3.3	MIDLAND TX					74
2*	8.8			1	3.6	MILAM TX			-60	03	75
1	3.6			1	3.7	MONTGOMERY TX			4	24	76
		2	5.8	4	12.2	NACOGDOCHES TX		110			94
1	2.7	3	8.8	2	4.6	NAVARRO TX	223	-47	70	49	79
				1	9.4	NEWTON TX					91
		2	3.5	6	8.0	NUECES TX		128			89
		1	7.3	1	3.5	ORANGE TX		-52			75
		1	3.5			PANOLA TX					
				1	4.4	POLK TX					78
				1	3.3	POTTER TX					74
				1*	44.6	PRESIDIO TX					99
1	4.5	2	10.4	1	3.5	RED RIVER TX	133	-66	-22	13	75
1	2.8	2	10.3	1	3.4	ROBERTSON TX	268	-67	22	29	75
1	2.3	3	5.5	5	8.8	RUSK TX	139	61	286	82	91
				1	7.6	SAN AUGUSTINE TX					88
				3*	18.0	SAN JACINTO TX					96
		1*	28.1			SAN PATRICIO TX					
1*	546.4	1*	424.0			SAN SABA TX	-22				
				1*	57.3	SCURRY TX					99
		2	8.3	3	11.5	SHELBY TX		39			94
2	3.3	3	2.8	6	5.2	SMITH TX	-16	86	56	42	82
				1*	47.2	STEPHENS TX					99
3	1.7	5	1.8	16	5.6	TARRANT TX	7	216	240	80	83
				1	10.2	TAYLOR TX					92
		1*	43.0			TERRY TX					
1	5.5			1	5.4	TITUS TX			-3	21	82
		1	9.2			TOM GREEN TX					
5*	5.3	6	5.5	6	4.0	TRAVIS TX	5	-28	-25	12	77
				2	11.3	TRINITY TX					93
1*	11.2	1	11.3			TYLER TX	2				
				2	6.1	UPSHUR TX					85
		1*	15.8	1	11.2	VAN ZANDT TX		-29			93
		2	11.7	1	2.5	VICTORIA TX		-79			72
				2	4.6	WALKER TX					79
				1	3.3	WALLER TX					74
1	3.0			1	4.7	WASHINGTON TX			59	43	80
		3	8.4			WHARTON TX					
2*	6.0	1	3.2			WICHITA TX	-48				
				1	3.8	WILLIAMSON TX					76
1*	53.0					WILSON TX					
				2	13.6	WOOD TX					95
		1	1.9	2	1.5	UTAH UT		-19			
		1	4.0	1	1.3	SALT LAKE UT		-67			70
				1	6.6	SAN JUAN UT					90
62	2.2	112	3.6	183	5.3	VIRGINIA VA	67	46	144		
		3	6.4	4	7.3	ACCOMACK VA		14			87
1	2.2	1	1.8	1	1.8	ALBEMARLE#VA	-18	-4	-21	13	71
		1	8.4	1	7.5	ALLEGHANY#VA		-10			88
1	5.6	1	5.7	3*	15.0	AMELIA VA	3	161	168	71	96
		2	9.2	1	4.2	AMHERST VA		-54			78
		1	9.6	1	7.4	APPOMATTOX VA		-22			88
				1	3.9	ARLINGTON#VA					76
		3*	12.8	1	3.2	AUGUSTA#VA		-75			74
2	2.2	1	1.0	9	8.3	BEDFORD#VA	-54	732	285	82	90
				1	2.0	BRUNSWICK VA					71
1	5.2					BUCKINGHAM VA					
1	3.5			2	7.1	CAROLINE VA			102	58	87
1*	33.1					CARROLL#VA					
		1	5.7			CHARLES CITY VA					
10	3.1	14	3.9	24	6.2	CHESTERFIELD#VA	26	56	96	55	85
1	5.1	1	4.0	1	4.1	CUMBERLAND VA	-22	3	-20	14	77
4	2.7	9	5.8	11	6.2	DINWIDDIE#VA	114	7	129	65	85
				1	7.1	ESSEX VA					87
2	1.1	2	3.3	6	3.4	FAIRFAX#VA	186	4	199	77	75
				2	6.8	FAUQUIER VA					87
1*	8.6	1	7.8			FLUVANNA VA	-9				
				1	9.4	FRANKLIN VA					91
				2*	20.9	FREDERICK#VA					97
1*	43.0					GILES VA					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

NON-WHITE MALE 1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1	6.7	1	4.1	GLOUCESTER VA		-38			77
				3*	17.9	GOOCHLAND VA					96
		1	3.4	1	3.9	GREENSVILLE#VA		12			76
2	3.6	1	1.5	4	7.3	HALIFAX#VA	-58	388	105	59	88
1	4.6	1	4.7	2	7.6	HANOVER VA	2	61	64	46	88
		2	6.1	3	7.4	HENRICO VA		21			88
		2	4.4	2	2.8	HENRY#VA		-36			73
1	3.3	3*	9.4	4*	13.3	ISLE OF WIGHT VA	182	42	299	84	95
		4*	9.0	3	5.6	JAMES CITY#VA		-38			83
				2	11.7	KING AND QUEEN VA					94
		2*	12.8			KING WILLIAM VA					
1	10.2					LOUDOUN VA					
		1	4.0	1	3.7	LOUISA VA		-7			76
		2	9.4	3*	15.5	LUNENBURG VA		64			96
		1	11.8	1	11.8	MATHEWS VA		0			94
				1	1.8	MECKLENBURG VA					71
				1	6.2	MIDDLESEX VA					85
				1	5.0	NELSON VA					81
		2	5.0	3	7.4	NORTHAMPTON VA		48			88
1	5.9					NORTHUMBERLAND VA					
1	3.3					NOTTOWAY VA					
1	8.8			2	13.4	ORANGE VA			53	41	95
2	2.0	2	1.9	6	4.9	PITTSYLVANIA#VA	-6	158	142	68	81
		1	7.6	1	7.5	POWHATAN VA		0			88
				2	7.4	PRINCE EDWARD VA					88
		1	5.7	2	13.0	PRINCE WILLIAM#VA		127			95
				1	20.6	RAPPAHANNOCK VA					97
				1	8.0	RICHMOND VA					90
2	2.3	3	3.3	5	4.7	ROANOKE#VA	41	44	104	58	80
		2*	26.3	1	10.7	ROCKBRIDGE#VA		-59			93
1*	37.8	1*	54.2			RUSSELL VA	44				
1*	89.3					SMYTH VA					
1	2.9	3	6.1	3	4.9	SOUTHAMPTON#VA	113	-19	73	51	81
				2	6.3	SPOTSYLVANIA#VA					85
1	6.3			1	6.3	SURRY VA			1	23	85
				2	6.1	SUSSEX VA					85
2*	16.1					TAZEWELL VA					
				1*	23.6	WARREN VA					97
		1	11.1			WASHINGTON#VA					
		1	5.2			WESTMORELAND VA					
				1	17.9	WISE#VA					96
13	2.7	21	4.2	24	3.8	CHESAPEAKE CITY#VA	56	-8	43	36	76
1	1.3	2	2.5	4	4.1	HAMPTON CITY VA	85	69	213	78	78
3	2.7	6	4.5	9	7.0	NEWPORT NEWS CITY VA	65	57	159	70	87
1	1.3	4	4.5	6	6.2	SUFFOLK CITY VA	239	39	369	87	85
8	2.5	13	3.2	24	3.8	WASHINGTON WA	27	19	52		
		1*	54.6			BENTON WA					
		1*	20.4			CLARK WA					
				1	8.2	FRANKLIN WA					90
6	3.2	7	3.0	17	4.9	KING WA	-6	60	51	41	80
		1	6.3	2	14.5	KITSAP WA		131			95
		1*	60.6			MASON WA					
		1	2.6			PIERCE WA					
				1*	22.9	SKAGIT WA					97
				1	12.1	SNOHOMISH WA					94
2*	11.6	1	5.5			SPOKANE WA	-53				
				2	3.8	YAKIMA WA					76
14	2.9	14	3.0	27	6.8	WEST VIRGINIA WV	2	127	133		
		1	10.1			BERKELEY WV					
2*	49.3					BROOKE WV					
1	2.0	3	8.1	3	11.9	FAYETTE WV	310	47	501	93	94
				1*	91.1	GRANT WV					99
1*	12.1			1	16.3	HANCOCK WV			35	33	96
				2*	37.6	HARRISON WV					98
2*	16.0					JEFFERSON WV					
1	1.3	2	2.8	8*	11.0	KANAWHA WV	123	287	764	97	93
2*	7.9					LOGAN WV					
		5	8.3			MC DOWELL WV					
1	7.6			1	4.3	MARION WV			-44	07	78
1	2.1					MERCER WV					
				1*	27.0	MINERAL WV					98
		1	10.1			MONONGALIA WV					
1	7.3			2*	18.0	OHIO WV			147	69	96
		2	3.1	6*	12.2	RALEIGH WV		300			94
1*	14.1			2*	69.8	SUMMERS WV			395	90	99
1*	7.6					WYOMING WV					
5	2.6	11	4.1	23	5.0	WISCONSIN WI	56	22	90		
		1*	15.3			DANE WI					
5	4.6	6	3.1	21*	6.7	MILWAUKEE WI	-33	119	47	39	86
		2*	13.5	1	4.3	RACINE WI		-68			78
		1	10.8			ROCK WI					
				1*	25.9	VILAS WI					98
		1*	89.3			WALWORTH WI					
		2	8.6	2	6.4	WYOMING WY		-25			
		2*	21.9	1	10.1	FREMONT WY		-54			92
				1*	37.5	NATRONA WY					98

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
922	1.3	1995	2.2	3952	3.1	UNITED STATES	70	41	140		
34	.8	75	1.7	197*	3.8	ALABAMA AL	113	127	383		
				2	5.5	AUTAUGA AL					90
		1	1.9	2	2.5	BARBOUR AL		29			79
				1*	32.6	BLOUNT AL					99
				1	3.9	BULLOCK AL					85
		1	2.7	3	8.0	BUTLER AL		195			94
1	1.5			6	6.0	CALHOUN AL			296	90	91
1	1.7	1	1.5	4	5.1	CHAMBERS AL	-9	232	203	80	90
				2*	9.6	CHILTON AL					95
		1	2.6			CHOCTAW AL					
		1	1.9			CLARKE AL					
		1	2.5	4*	8.6	COLBERT AL		241			95
		1	4.5	1	2.5	COVINGTON AL		-44			79
				2	6.4	DALE AL					92
		2	1.0	8	4.7	DALLAS AL		377			88
1	2.0	1	2.3	3	7.5	ELMORE AL	16	228	280	88	94
		1	2.3	4	6.9	ESCAMBIA AL		197			93
1	1.0	1	2.2	3	4.2	ETOWAH AL	121	93	328	91	86
1*	7.5			1	6.7	FAYETTE AL			-10	23	93
		1*	13.8			FRANKLIN AL					
				1	1.5	GREENE AL					75
1	1.2	2	3.6	3	5.8	HALE AL	194	62	377	93	91
		1	3.5	1	2.7	HENRY AL		-24			80
				2	2.3	HOUSTON AL					78
13	1.3	21	2.0	57*	4.4	JEFFERSON AL	53	123	241	84	87
1	2.9	3*	7.4			LAUDERDALE AL	152				
1	2.9			1	4.5	LAWRENCE AL			56	51	88
1	3.5			1	3.3	LIMESTONE AL			-7	24	83
		1	2.1	1	1.7	LOWNDES AL		-15			76
		1	1.0	6	5.0	MACON AL		376			89
		2	2.3	6	5.1	MADISON AL		127			90
2	2.5	1	.9	3	2.8	MARENGO AL	-62	201	14	30	80
				1*	20.6	MARION AL					98
5	1.5	13	2.9	22	4.4	MOBILE AL	102	51	204	80	87
		2	4.4			MONROE AL					
2	.7	7	2.3	15	4.5	MONTGOMERY AL	250	91	568	95	87
				2	3.7	MORGAN AL					84
		3	6.1			PERRY AL					
		2	3.6	2	3.2	PIKE AL		-9			82
				1	4.4	RANDOLPH AL					87
		1	.9	4	4.4	RUSSELL AL		364			87
				1	5.5	ST CLAIR AL					90
1	1.0			2	2.8	SUMTER AL			192	79	80
		1	1.2	6	6.2	TALLADEGA AL		432			92
				4	9.1	TALLAPOOSA AL					95
1	.8	1	.7	7	4.1	TUSCALOOSA AL	-7	470	430	94	86
				1	4.2	WALKER AL					86
1	1.3					WILCOX AL					
		1	.6	4	2.1	ALASKA AK		221			
3	.8	8	2.2	23	2.8	ARIZONA AZ	191	26	267		
				2	3.3	APACHE AZ					83
		2*	10.6			COCONINO AZ					
1*	10.1					GILA AZ					
1	.8	3	2.2	12	3.3	MARICOPA AZ	171	54	317	91	83
1	1.7			5	3.2	PIMA AZ			87	57	82
		3*	15.0	4*	9.5	PINAL AZ		-37			95
15	.8	28	1.4	58	2.7	ARKANSAS AR	78	86	233		
				2	6.3	ARKANSAS AR					92
		1	2.5	1	2.1	ASHLEY AR		-18			77
				2	7.9	BRADLEY AR					94
				1	8.9	CALHOUN AR					95
1	1.9			4	6.2	CHICOT AR			226	82	92
		1	4.2			CLARK AR					
		1	2.1	1	2.1	COLUMBIA AR		0			77
		1	4.4			CONWAY AR					
				1	11.2	CRAIGHEAD AR					96
		2	1.5	3	2.1	CRITTENDEN AR		35			77
				1	4.3	CROSS AR					86
		1	4.2	1	3.0	DALLAS AR		-27			81
1	1.9					DESHA AR					
				1	4.6	DREW AR					88
1*	11.1			2*	13.0	FAULKNER AR			17	32	97
		1	2.7			GARLAND AR					
				2*	8.7	HOWARD AR					95
2	1.3	4	2.2	5	2.6	JEFFERSON AR	74	18	105	62	79
				1*	47.2	JOHNSON AR					99
				1	1.3	LEE AR					74
				2	8.7	LINCOLN AR					95
		2*	13.9			LITTLE RIVER AR					
		1	3.1	1	2.6	LONOKE AR		-18			79
1	2.8	1	2.6	2	3.8	MILLER AR	-10	48	34	41	84
1	1.0	2	2.5	2	2.2	MISSISSIPPI AR	155	-12	124	68	77
1	2.2	1	1.9			MONROE AR	-12				
				2	3.2	OUACHITA AR					82
		2	1.7	6	4.6	PHILLIPS AR		176			88
1*	7.4			2*	12.6	POINSETT AR			71	54	97
3	1.2	4	1.6	10	2.9	PULASKI AR	34	83	145	73	81
3*	3.5	1	1.1	1	1.0	ST FRANCIS AR	-69	-4	-70	01	74
		1	3.4			SEBASTIAN AR					
		1	1.6	1	1.5	UNION AR		-6			75

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE 1950-1959		1960-1969		1970-1979		MULTIPLE MYELOMA COUNTY AND STATE	PERCENT CHANGE			ICD 203 EXCEPT 203.1 PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
57*	1.9	121	2.2	261	2.2	CALIFORNIA CA	15	-2	13		
9	2.4	13	2.1	35	3.1	ALAMEDA CA	-10	45	31	39	81
1*	27.0					BUTTE CA					
2	3.2	4	1.9	4	1.3	CONTRA COSTA CA	-40	-31	-59	05	75
1	.9	2	2.1	4	1.3	FRESNO CA	134	-39	42	45	74
				1	5.4	HUMBOLDT CA					90
		1	5.2			IMPERIAL CA					
3*	5.0	1	1.4	4	2.1	KERN CA	-73	51	-59	04	77
31*	2.2	68	2.5	124	2.2	LOS ANGELES CA	16	-13	1	26	78
				1	2.7	MADERA CA					80
		1	3.2			MERCED CA					
				1	1.0	MONTEREY CA					74
		1	4.7	5	2.9	ORANGE CA		-39			81
1*	43.0					PLUMAS CA					
				3	1.1	RIVERSIDE CA					74
2	2.2	3	1.9	8	2.7	SACRAMENTO CA	-12	42	24	36	80
				6	2.5	SAN BERNARDINO CA					79
3	2.7	8*	5.1	11	2.1	SAN DIEGO CA	90	-59	-21	16	77
1	.1	15	2.3	35	3.2	SAN FRANCISCO CA	1561	36	2153	99	82
2	2.5	2	2.3			SAN JOAQUIN CA	-9				
		1	1.8	6	2.1	SAN MATEO CA		18			77
				1	1.0	SANTA BARBARA CA					74
		1	.5	7	2.2	SANTA CLARA CA		315			78
				1	8.3	SHASTA CA					94
				3	1.9	SOLANO CA					76
1*	18.1					SONOMA CA					
				1	5.1	SUTTER CA					90
5*	3.5	7	3.0	9	1.7	COLORADO CO	-14	-43	-51		
		1*	12.6	1	3.4	ADAMS CO		-73			83
4*	4.1	3	1.7	7	2.3	DENVER-ARAPAHOE#CO	-59	42	-42	10	78
1*	10.7	1	6.1			EL PASO CO	-43				
				1*	15.0	LA PLATA CO					97
		1*	59.0			LARIMER CO					
		1	9.4			PUEBLO CO					
5	2.0	10	2.4	27	3.5	CONNECTICUT CT	21	46	77		
1	1.4	7*	6.4	10	4.1	FAIRFIELD CT	343	-36	185	78	86
2	1.7	2	.9	8	3.5	HARTFORD CT	-44	269	108	63	83
				1	14.6	LITCHFIELD CT					97
1*	26.0					MIDDLESEX CT					
1	2.3	1	.4	8	3.5	NEW HAVEN CT	-84	885	55	50	84
5	2.6	12*	4.8	11	3.2	DELAWARE DE	82	-32	24		
1	3.2	1	2.5	4	6.7	KENT DE	-24	173	108	63	93
3	2.7	10*	6.6	7	3.4	NEW CASTLE DE	142	-48	25	36	83
1	1.9	1	1.2			SUSSEX DE	-36				
38*	2.9	50	2.7	92	3.9	DIST. OF COLUMBIA DC	-6	43	35		
38*	2.9	50	2.7	92	3.9	WASHINGTON DC	-6	43	35	41	85
21	.8	87	2.3	173	3.2	FLORIDA FL	210	37	324		
		5*	5.7	5	4.1	ALACHUA FL		-29			86
		1*	17.7			BAKER FL					
				1	1.9	BAY FL					76
				1	5.8	BRADFORD FL					91
1	2.7	1	1.6	5	6.2	BREVARD FL	-40	290	132	70	92
		2	1.4	9	2.5	BROWARD FL		74			79
				4*	10.7	COLUMBIA FL					96
6	2.1	3	.6	31	3.0	DADE FL	-71	400	45	47	81
1	.3	15	3.0	22	3.4	DUVAL FL	972	13	1108	98	83
2	1.6	3	2.3	7	3.3	ESCAMBIA FL	43	43	104	61	83
		1*	18.4			FLAGLER FL					
1	1.1	3	2.5	3	2.9	GADSDEN FL	122	16	158	75	81
1*	6.3					HAMILTON FL					
				3*	24.5	HENDRY FL					98
				1	3.9	HIGHLANDS FL					84
		2	.9	12	3.4	HILLSBOROUGH FL		284			83
1*	12.8	1	4.1	1	3.9	INDIAN RIVER FL	-68	-4	-69	01	85
1	1.8	1	1.8	2	2.7	JACKSON FL	1	46	48	48	80
		5*	17.7	2	9.7	JEFFERSON FL		-45			96
		1	1.8	2	3.2	LAKE FL		80			82
		1	2.2	3	5.8	LEE FL		169			91
		6*	6.4	3	2.5	LEON FL		-60			79
		1	7.4			LEVY FL					
		1	2.9	1	2.2	MADISON FL		-24			78
		1	2.1	3	4.9	MANATEE FL		139			89
1	1.3	4	4.8	2	1.8	MARION FL	263	-63	34	40	76
1*	6.1	1	7.9			MARTIN FL	28				
				1	4.5	MONROE FL					87
		1	6.8	1	3.4	OKALOOSA FL		-51			83
				1*	22.1	OKEECHOBEE FL					98
1	.6	2	.9	11	4.5	ORANGE FL	51	410	668	97	87
		3	1.2	6	2.1	PALM BEACH FL		78			77
				1	4.5	PASCO FL					87
		4	2.7	9	3.9	PINELLAS FL		49			85
3	3.3	5	3.5	7	3.9	POLK FL	7	9	17	31	85
		2	3.4	2	4.0	PUTNAM FL		17			85
1	2.7	1	2.4	1	2.5	ST JOHNS FL	-9	2	-8	23	79
				1	1.7	ST LUCIE FL					75
				1	8.6	SANTA ROSA FL					95
		3*	7.4			SARASOTA FL					
		2	2.9			SEMINOLE FL					
				1	5.7	SUMTER FL					91

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE				PERCENTILE
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		5	4.3	7	5.3	VOLUSIA FL		24			90
37	.8	99	2.0	195	3.2	GEORGIA GA	144	60	291		
				2*	14.3	APPLING GA					97
		1*	19.3			ATKINSON GA					
				1	10.6	BAKER GA					96
		1	1.5	3	4.3	BALDWIN GA		181			86
		1	4.3			BEN HILL GA					
				1	11.8	BERRIEN GA					96
2	1.2	6	2.5	5	1.8	BIBB GA	117	-30	52	50	76
				2	4.8	BROOKS GA					89
		1	1.8	1	2.9	BURKE GA		61			81
		2*	12.7	1	6.2	CAMDEN GA		-51			92
				2	7.0	CARROLL GA					93
4	1.2	4	1.2	13	3.3	CHATHAM GA	3	168	177	77	83
				2*	20.7	CHATTOOGA GA					98
		2	3.9	2	2.6	CLARKE GA		-33			79
				1	5.0	CLAY GA					89
		1*	13.9	2*	26.0	CLINCH GA		88			98
		1	3.2	2	3.9	COBB GA		21			85
				1	2.2	COLQUITT GA					78
		1	8.7	1	5.6	COOK GA		-36			91
		1	2.2	2	4.5	COWETA GA		100			87
				1	9.0	CRAWFORD GA					95
				1	2.4	CRISP GA					78
		2	3.5	2	4.2	DECATUR GA		18			86
1	1.1	7*	4.5	9	3.6	DE KALB GA	308	-22	219	81	64
				1	4.6	DODGE GA					88
				1	4.9	DOOLY GA					89
2	2.0	3	2.6	7	4.4	DOUGHERTY GA	31	70	122	66	87
1	2.9			1	2.5	EARLY GA			-14	22	79
				1	7.9	EFFINGHAM GA					94
		1	4.5			EMANUEL GA					
2*	5.9	1	1.8	1	2.3	FLOYD GA	-69	24	-62	03	78
		1*	20.2			FRANKLIN GA					
15	2.0	23	2.6	35	3.0	FULTON GA	29	15	47	48	81
1	2.0			2	2.9	GLYNN GA			44	46	81
		1	3.3	1	2.5	GRADY GA		-25			79
				3*	10.2	GREENE GA					96
		1	5.6	2	7.4	HALL GA		33			93
				1	3.8	HANCOCK GA					84
				2*	14.4	HART GA					97
		1	4.9	3*	8.6	HENRY GA		74			95
1	2.9	1	2.6	1	2.3	HOUSTON GA	-12	-12	-22	16	78
				2*	16.2	JACKSON GA					98
				1	8.4	JASPER GA					95
				2	4.4	JEFFERSON GA					87
				1	3.3	JONES GA					82
		1	1.7	1	1.5	LAURENS GA		-12			75
		1	6.1			LEE GA					
				2	8.0	LIBERTY GA					94
		2	2.7	5	6.2	LOWNDES GA		130			92
				1*	106.0	LUMPKIN GA					99
		2*	8.5	2	6.7	MC DUFFIE GA		-21			93
				2*	21.7	MARION GA					98
		2	4.8	1	2.2	MERIWETHER GA		-53			78
		1*	17.9			MILLER GA					
				3	5.7	MITCHELL GA					91
		1	5.1			MONROE GA					
				3*	13.0	MORGAN GA					97
1	.5	1	.6	8	3.6	MUSCOGEE#GA	20	532	660	96	84
		1	4.4	2	5.4	NEWTON GA		22			90
				1*	20.2	OCONEE GA					98
				2*	18.0	OGLETHORPE GA					98
				1	2.5	PEACH GA					79
				1	2.8	POLK GA					80
		1	6.3			PUTNAM GA					
4	2.2	4	2.1	10	3.7	RICHMOND GA	-4	76	69	53	84
		3*	29.6			ROCKDALE GA					
		1	3.0	1	3.4	SCREVEN GA		14			83
				1	1.9	SPALDING GA					76
				1	.7	SUMTER GA					74
				1	6.4	TALBOT GA					92
				1	12.3	TALIAFERRO GA					96
				1	5.1	TATTNALL GA					89
				1	4.2	TAYLOR GA					86
				1	2.6	TERRELL GA					80
		3	4.7	2	2.6	THOMAS GA		-43			80
				1	5.2	TOOMBS GA					90
2	2.4			4	4.8	TROUP GA			101	61	89
		2	6.3	1	3.1	UPSON GA		-51			81
				1	4.5	WALTON GA					88
1	2.4	2	4.2	3	5.6	WARE GA	73	33	130	69	90
		1	5.0			WARREN GA					
		2	4.5			WASHINGTON GA					
		1*	9.3	1	8.0	WHITFIELD GA		-14			94
		2	6.9	2	7.1	WILKES GA		3			93
		1	5.8	1	4.6	WILKINSON GA		-20			88
				1	3.7	WORTH GA					84
		20	1.3	31	1.4	HAWAII HI		5			
		2	1.0	4	1.5	HAWAII HI		56			75
		16	1.5	21	1.3	HONOLULU HI		-15			74
		2	2.5	5	4.1	KAUAI HI		64			86
				1	.5	MAUI#HI					74
53	1.6	110	2.4	219	3.4	ILLINOIS IL	48	42	110		
		1	3.7	1	6.1	ALEXANDER IL		64			92

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NON-WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				1	3.6	CHAMPAIGN	IL					84
48	1.8	93	2.4	171	3.2	COOK	IL	34	32	77	55	82
				2	13.7	DU PAGE	IL					97
				1*	114.7	GALLATIN	IL					99
				2	11.5	JACKSON	IL					96
1*	21.9	1*	11.8			JEFFERSON	IL	-46				
1	1.8	2	4.0	1	.8	LAKE	IL	122	-81	-58	05	74
		1*	70.7			LAWRENCE	IL					
		1	4.5	1	2.4	MACON	IL		-47			78
		2	3.4	3	4.1	MADISON	IL		20			86
				1	11.1	MASSAC	IL					96
		1	3.6	5*	8.3	PEORIA	IL		128			95
				1	8.1	PULASKI	IL					94
		1	5.5	3*	8.1	ROCK ISLAND	IL		48			94
2	1.5	5	2.3	11	3.7	ST CLAIR	IL	49	64	144	72	84
		1	2.8	4*	8.4	SANGAMON	IL		199			95
1	6.6	1	4.7	4*	15.0	VERMILION	IL	-29	222	127	68	97
				4	6.3	WILL	IL					92
				1*	11.2	WILLIAMSON	IL					96
				2	2.5	WINNEBAGO	IL					79
9	1.0	25	2.2	69*	4.1	INDIANA	IN	123	90	325		
		2	7.1	3	4.7	ALLEN	IN		-35			88
				1*	49.2	CASS	IN					99
				1	4.3	CLARK	IN					87
2*	8.8			1	2.5	DELAWARE	IN			-71	00	79
				1	5.8	GRANT	IN					91
1*	9.8	1	10.6			HOWARD	IN	8				
				1*	188.7	KOSCIUSKO	IN					99
4	1.6	7	1.8	18	3.5	LAKE	IN	15	90	119	65	83
				1	6.4	LA PORTE	IN					92
		2*	10.7	1	3.7	MADISON	IN		-66			84
1	.2	11	2.4	35*	5.2	MARION	IN	895	119	2083	99	90
		1*	44.6			MONTGOMERY	IN					
				2	2.5	ST JOSEPH	IN					79
				2	3.2	VANDERBURGH	IN					82
		1	5.0			VIGO	IN					
1*	8.5			2	9.6	WAYNE	IN			14	30	96
1	1.3	1	.8	11*	6.6	IOWA	IA	-44	771	391		
1*	13.5			2*	34.4	LEE	IA			155	74	99
				4	6.6	POLK	IA					92
				1*	16.1	POTTAWATTAMIE	IA					97
		1*	9.9	2*	13.5	SCOTT	IA		36			97
				2*	17.7	WOODBURY	IA					98
7	1.7	16	3.3	22	3.5	KANSAS	KS	91	7	105		
		1*	18.7			BOURBON	KS					
		1*	16.6	1	15.7	COWLEY	KS		-5			97
		1*	62.9	1*	53.0	DICKINSON	KS		-16			99
		2*	110.3			DONIPHAN	KS					
1*	6.1	1	7.5			DOUGLAS	KS	22				
1*	13.2			1	4.7	GEARY	KS			-64	03	88
1*	29.8	1*	12.4	1*	26.8	HARVEY	KS	-58	116	-10	22	98
				1*	18.7	MIAMI	KS					98
				1	6.9	MONTGOMERY	KS					93
		1*	27.0	1	9.6	RENO	KS		-64			96
		1	1.1	7	6.7	SEDGWICK	KS		492			93
1	2.5	2	3.8	1	1.2	SHAWNEE	KS	50	-70	-54	05	74
		1*	53.6			SUMNER	KS					
3	1.9	4	2.2	7	3.1	WYANDOTTE	KS	16	42	66	52	82
21	1.9	33	2.8	43	3.3	KENTUCKY	KY	45	16	69		
		1	3.9			BOURBON	KY					
				1*	7.4	BOYD	KY					93
1*	99.4					BULLITT	KY					
				1*	133.9	BUTLER	KY					99
1*	14.1					CALDWELL	KY					
		1	1.5	3	5.1	CHRISTIAN	KY		236			89
				3*	12.6	DAVIESS	KY					97
4*	3.8	1	.8	6	4.8	FAYETTE	KY	-79	489	26	37	88
				1*	44.6	FLOYD	KY					99
1*	9.6			2*	13.6	FRANKLIN	KY			42	45	97
		2*	29.3			GARRARD	KY					
		1*	9.3			GRAVES	KY					
				1	5.7	HARLAN	KY					91
				1*	22.3	HENRY	KY					98
		2*	9.8	1	2.8	HOPKINS	KY		-71			80
8	2.1	17*	3.9	17	3.2	JEFFERSON	KY	85	-18	51	49	82
		1	3.3	1	5.5	KENTON	KY		68			90
1*	49.1					LARUE	KY					
		2	5.2	2	4.6	MC CRACKEN	KY		-11			88
				1	6.8	MADISON	KY					93
1*	12.3					MASON	KY					
		2*	30.0			MERCER	KY					
1*	30.3					OWEN	KY					
		1*	24.5			PULASKI	KY					
1*	11.2					SCOTT	KY					
		1*	7.9			SHELBY	KY					
1	4.3			1	4.8	WARREN	KY			11	28	88
		1*	22.5			WASHINGTON	KY					
1*	60.7					WAYNE	KY					
				1	11.2	WOODFORD	KY					96
38	1.0	92	2.0	171	3.2	LOUISIANA	LA	113	56	232		
		1	1.8	3	6.0	ACADIA	LA		229			91

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NON-WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE				PERCENTILE
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				2	7.5	ALLEN	LA					94
		2	4.8	1	2.4	ASCENSION	LA		-50			79
		1	2.9	1	3.4	ASSUMPTION	LA		17			83
		1	2.2	2	4.8	AVOYELLES	LA		115			89
		1	3.2	1	2.0	BIENVILLE	LA		-38			77
				2	3.5	BOSSIER	LA					83
2	.5	11	2.9	19	4.0	CADDO	LA	525	37	756	97	85
2	1.9	1	.9	4	2.9	CALCASIEU	LA	-51	204	49	48	81
				1	5.6	CATAHOULA	LA					90
1	2.6	1	1.7	1	1.4	CLAIBORNE	LA	-33	-22	-47	08	75
				1	2.0	CONCORDIA	LA					77
		6*	8.9	2	3.3	DE SOTO	LA		-63			83
4	1.6	9	2.9	8	2.1	EAST BATON ROUGE	LA	87	-30	31	39	77
1	2.5	2	3.5	1	2.0	EAST CARROLL	LA	41	-44	-21	17	76
		1	1.9	1	3.2	EAST FELICIANA	LA		68			82
1	2.2					FRANKLIN	LA					
				4	5.3	IBERIA	LA					90
2	3.4			3	4.3	IBERVILLE	LA			25	36	87
				1	4.7	JACKSON	LA					88
1	.9	3	2.3	3	1.8	JEFFERSON	LA	159	-22	104	61	76
				1	4.1	JEFFERSON DAVIS	LA					86
				2	2.0	LAFAYETTE	LA					77
		1	1.9	2	3.0	LINCOLN	LA		62			81
				1	6.9	LIVINGSTON	LA					93
1	2.0	1	2.0	2	2.7	MADISON	LA	-3	36	32	40	80
				1	1.8	MOREHOUSE	LA					76
		1	1.1			NATCHITOCHES	LA					
14	1.6	24	2.2	53	4.0	ORLEANS	LA	44	80	160	75	85
1	.7	4	2.5	3	1.7	OUACHITA	LA	259	-34	137	70	75
		1	6.4	1	4.8	PLAQUEMINES	LA		-26			88
				2	3.9	POINTE COUPEE	LA					85
1	.6	2	1.2	6	3.1	RAPIDES	LA	105	147	406	94	81
1	3.5			1	2.9	RED RIVER	LA			-19	18	81
		2	4.4	1	1.6	RICHLAND	LA		-64			75
				2*	15.9	ST BERNARD	LA					97
1	3.4	1	2.3	1	3.2	ST JAMES	LA	-32	37	-7	24	82
		2	1.7	4	3.2	ST LANDRY	LA		87			82
				1	2.2	ST MARTIN	LA					78
		1	1.6	3	4.1	ST MARY	LA		159			86
2*	7.1	1	2.9			ST TAMMANY	LA	-59				
		3	3.4	5	4.8	TANGIPAHOA	LA		42			88
1	2.8	1	2.0	1	1.5	TERREBONNE	LA	-28	-28	-48	07	75
		2	7.0	2	5.7	UNION	LA		-18			91
				2	7.8	VERMILION	LA					94
1	2.1			2	2.7	WASHINGTON	LA			28	38	80
1	1.9	4*	6.3	6*	7.7	WEBSTER	LA	234	23	310	90	94
				3*	9.0	WEST BATON ROUGE	LA					95
				1	6.5	WEST FELICIANA	LA					92
		1	4.2	1	3.0	WINN	LA		-29			81
				1	3.2	MAINE	ME					
				1*	24.9	PENOBSCOT	ME					98
28	1.7	48	2.3	103	3.2	MARYLAND	MD	33	40	86		
		3	2.5	1	.7	ANNE ARUNDEL	MD		-73			74
1	1.3	2	2.8	2	1.5	BALTIMORE	MD	123	-47	18	32	75
				2	7.8	CALVERT	MD					94
				1	4.8	CAROLINE	MD					89
		3*	9.7	1	1.9	CHARLES	MD		-80			76
2*	5.1					DORCHESTER	MD					
				2	6.7	FREDERICK	MD					93
		3*	10.7	1	3.4	HARFORD	MD		-68			83
				1	4.3	HOWARD	MD					86
		2	3.4	3	2.3	MONTGOMERY	MD		-34			78
3*	4.9	2	1.9	8	2.7	PRINCE GEORGE'S	MD	-60	41	-44	10	80
		1	7.5	2	7.0	QUEEN ANNE'S	MD		-8			93
1	4.8	1	3.2			ST MARY'S	MD	-34				
		2	5.8	2	5.4	SOMERSET	MD		-8			90
				2	4.0	TALBOT	MD					85
1	2.9			1	1.4	WICOMICO	MD			-54	06	75
1	3.3	1	3.0	2	5.0	WORCESTER	MD	-7	66	54	50	89
19	1.9	28	2.2	72	3.8	BALTIMORE CITY	MD	12	73	94	59	84
8	2.0	14	2.3	20	2.0	MASSACHUSETTS	MA	11	-11	-1		
				1	4.6	BARNSTABLE	MA					88
1	5.3	3*	9.6			BRISTOL	MA	81				
				2	5.8	ESSEX	MA					91
1	2.7	1	2.3	2	1.8	HAMPDEN	MA	-14	-23	-33	11	76
2	3.5	2	2.9	2	1.7	MIDDLESEX	MA	-17	-42	-52	06	75
				2	4.2	NORFOLK	MA					86
4	1.9	7	2.0	11	2.2	SUFFOLK	MA	9	9	18	33	78
		1	4.5			WORCESTER	MA					
32	1.7	73	2.4	148	3.3	MICHIGAN	MI	45	36	97		
1*	22.9					ALLEGAN	MI					
				1*	9.6	BAY	MI					95
1	3.4	1	1.6	4	5.6	BERRIEN	MI	-52	245	64	52	90
2	5.2	4	4.5	8	4.3	GENESEE	MI	-14	-3	-16	20	87
		1*	86.0			GRAND TRAVERSE	MI					
		1	5.1			INGHAM	MI					
2*	17.1			2	5.5	JACKSON	MI			-68	01	90
				1	1.9	KALAMAZOO	MI					76
2*	4.6	2	3.4	4	4.8	KENT	MI	-27	43	5	27	89
		1	5.2	2	5.2	MACOMB	MI		0			90
				1*	54.6	MANISTEE	MI					99
				4	6.2	MUSKEGON	MI					92
		1	.8	4	2.4	OAKLAND	MI		198			79

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1*	91.1			OCEANA MI					
		1	1.8	1	1.0	SAGINAW MI		-46			74
		1	8.0	1	3.1	ST CLAIR MI		-61			82
		1	4.8			VAN BUREN MI					
		2	3.2			WASHTENAW MI					
24	1.6	56	2.4	115	3.5	WAYNE MI	56	42	122	66	83
2	1.7	3	2.0	5	2.1	MINNESOTA MN	18	6	25		
				1*	18.9	CASS MN					98
1	2.3	2	3.2	2	2.6	HENNEPIN MN	37	-16	15	30	80
1	2.5			2	2.9	RAMSEY MN			17	31	81
		1*	490.8			ROCK MN					
22	.6	44	1.1	122	2.8	MISSISSIPPI MS	91	152	380		
1	1.2	2	2.4	2	1.9	ADAMS MS	95	-23	50	49	76
		1	3.3			AMITE MS					
1	2.9			2	4.0	ATTALA MS			37	42	85
1	.6	1	.6	4	2.5	BOLIVAR MS	-13	351	292	90	79
1*	8.5					CALHOUN MS					
				1	2.8	CHICKASAW MS					80
				1	8.2	CHOCTAW MS					94
				1	2.2	CLARKE MS					78
		1	2.4	1	2.6	CLAY MS		7			79
1	.7			5	2.8	COAHOMA MS			285	89	80
1	1.9	1	1.9	3	5.4	COPIAH MS	-2	189	182	78	90
				4*	19.0	COVINGTON MS					98
				2	3.8	DE SOTO MS					84
		1	1.4	4	5.6	FORREST MS		306			91
				1	1.8	GRENADA MS					76
				2*	11.9	HANCOCK MS					96
		1	1.1	4	3.9	HARRISON MS		238			85
3	1.0	9	3.0	20*	4.8	HINDS MS	188	61	364	92	89
1	1.3	1	.9	1	1.1	HOLMES MS	-30	17	-18	20	74
1	2.2			1	1.8	HUMPHREYS MS			-20	17	76
				1	10.8	ISSAQUENA MS					96
		1	2.8	3	6.4	JACKSON MS		129			92
				1	2.0	JASPER MS					77
				1	3.5	JEFFERSON MS					83
		1	2.9			JEFFERSON DAVIS MS					
				1	1.5	JONES MS					75
1	3.2	1	2.6			KEMPER MS	-19				
1	3.9			1	2.2	LAFAYETTE MS			-45	09	77
2	1.8	3	2.5	5	4.2	LAUDERDALE MS	38	69	133	70	86
				3*	16.3	LAWRENCE MS					98
				2	7.0	LEAKE MS					93
		1	1.7	1	2.0	LEE MS		14			77
		1	.9	3	2.4	LEFLORE MS		175			79
				1	2.2	LINCOLN MS					77
				4	4.3	LOWNDES MS					87
1	1.2	1	1.3	2	2.0	MADISON MS	9	60	74	55	77
				1	1.9	MARION MS					76
		1	1.4	4	5.0	MARSHALL MS		260			89
		1	1.8	1	1.6	MONROE MS		-9			75
				1	3.4	MONTGOMERY MS					83
1	4.1					NEWTON MS					
1	1.4					NOXUBEE MS					
				2	3.3	OKTIBBEHA MS					82
1	1.5					PANOLA MS					
		1	1.8	1	1.1	PIKE MS		-39			74
1*	7.2			1	8.8	PONTOTOC MS			23	35	95
		1*	7.8			PRENTISS MS					
				2	2.7	RANKIN MS					80
		1	3.0	2	5.0	SCOTT MS		68			89
		1	3.6			SHARKEY MS					
		1	3.3	2	5.0	SIMPSON MS		49			89
				2	1.9	SUNFLOWER MS					76
		2	4.2	2	2.7	TALLAHATCHIE MS		-37			80
		1	2.5			TATE MS					
1*	5.8					UNION MS					
		1	.8	1	.8	WARREN MS		0			74
1	.4	3	1.4	5	2.0	WASHINGTON MS	254	38	391	93	77
				1	2.7	WAYNE MS					80
				4*	39.6	WEBSTER MS					99
		1	4.8			YALOBUSHA MS					
		2	2.2	2	2.1	YAZOO MS		-7			77
26	1.6	51	2.5	71	2.8	MISSOURI MO	62	12	82		
		1*	163.6			BATES MO					
1*	5.3	1	4.6			BOONE MO	-13				
		2*	14.7			BUCHANAN MO					
				1	5.6	BUTLER MO					91
1*	6.7					CALLAWAY MO					
		1*	30.7			CLAY MO					
				3*	34.8	COOPER MO					99
1*	16.9					HOWARD MO					
7	1.9	9	2.0	14	2.5	JACKSON MO	4	23	28	38	79
		1*	15.5			JASPER MO					
				1*	24.9	JEFFERSON MO					98
				1	6.5	MARION MO					92
1	4.8					NEW MADRID MO					
		1	2.4			PEMISCOT MO					
				1	14.4	PETTIS MO					97
				2*	19.3	RANDOLPH MO					98
2	2.4	4	2.7	11	4.2	ST LOUIS COUNTY MO	13	53	72	55	86
				1	4.4	SALINE MO					87
13	1.5	31	2.9	36	2.8	ST LOUIS CITY MO	96	-2	92	58	81

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NON-WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	1.8	2	2.7	2	2.2	MONTANA MT	50	-16	25		
1*	13.3	1*	14.9			BIG HORN MT	12				
				1	6.6	GLACIER MT					92
		1*	16.8			HILL MT					
				1	11.8	LAKE MT					96
1	.8	7*	4.9	6	2.8	NEBPASKA NB	513	-44	246		
				1*	344.1	BOX BUTTE NB					99
1	1.0	6*	5.6	4	2.5	DOUGLAS NB	434	-55	141	71	79
		1*	12.6	1*	11.1	THURSTON NB		-12			96
1	2.2					NEVADA NV					
1	5.0					CLARK NV					
29	1.9	45	1.9	106	3.0	NEW JERSEY NJ	3	54	59		
		3	1.6	8	3.9	ATLANTIC NJ		146			85
2	3.2	3	3.8	7	3.9	BERGEN NJ	17	4	22	35	85
1	3.6			3	2.9	BURLINGTON NJ			-20	18	81
6*	4.7	4	2.3	8	3.1	CAMDEN NJ	-51	32	-35	11	81
		1	1.6	2	2.3	CUMBERLAND NJ		42			78
9	1.8	23	2.8	28	2.3	ESSEX NJ	56	-18	27	37	78
		1	1.8	2	2.7	GLOUCESTER NJ		44			80
5*	4.8	3	2.5	6	2.4	HUDSON NJ	-48	-5	-51	07	78
1	1.2	3	2.3	11	4.7	MERCER NJ	89	106	289	89	88
1	3.7			4	2.8	MIDDLESEX NJ			-24	15	80
2	2.0			12*	6.1	MONMOUTH NJ			200	79	92
				3	7.9	MORRIS NJ					94
		1	6.5			OCEAN NJ					
1	.9	1	.7	4	2.1	PASSAIC NJ	-29	218	127	69	77
				1	2.0	SALEM NJ					77
				1	5.2	SOMERSET NJ					90
1	.7	2	.9	5	2.2	UNION NJ	32	149	230	83	77
				1*	18.6	WARREN NJ					98
		4	1.7	10	1.9	NEW MEXICO NM		7			
		1	2.4	3	1.9	BERNALILLO NM		-20			76
				1	5.9	CHAVES NM					91
		1*	61.3			LUNA NM					
		1	2.4	2	2.1	MC KINLEY NM		-12			77
				4	8.7	SAN JUAN NM					95
		1*	11.8			TAOS NM					
104*	2.2	174	2.5	359	3.2	NEW YORK NY	12	31	46		
1	3.8	3*	6.3	3	5.4	ALBANY NY	65	-15	40	44	90
11	1.9	21	2.1	55	3.2	BRONX NY	11	50	66	53	82
				1*	33.5	CAYUGA NY					99
				1*	112.4	DELAWARE NY					99
3	1.1	4	1.4	14	3.8	ERIE NY	34	162	252	86	84
15	1.8	37	2.1	101	3.8	KINGS(BROOKLYN) NY	20	79	116	64	84
1*	44.6					LIVINGSTON NY					
1	4.1	1	2.0	7	4.8	MONROE NY	-52	145	19	33	89
3	4.3	6	2.7	14	4.0	NASSAU NY	-37	44	-9	23	85
54*	2.7	60	2.7	78	2.7	NEW YORK(MANHATTAN) NY	-3	2	-1	25	80
		2*	7.8	2	5.3	NIAGARA NY		-32			90
		1	6.0			ONEIDA NY					
		1	2.4	2	2.2	ONONDAGA NY		-7			78
1	3.8			2	4.5	ORANGE NY			19	34	87
				1*	60.7	OTSEGO NY					99
7	1.9	15	1.9	37	2.2	QUEENS NY	0	15	16	31	78
1	2.9	1	3.2	3	4.1	RICHMOND NY	10	27	40	44	86
1	4.3	2	4.6	4	6.0	ROCKLAND NY	6	31	39	43	91
		1*	7.9			SARATOGA NY					
		1	7.4			SCHENECTADY NY					
1	.6	3	1.7	10	4.0	SUFFOLK NY	187	134	572	95	85
				1	7.7	SULLIVAN NY					94
				1	4.0	ULSTER NY					85
				1*	60.7	WARREN NY					99
4	1.8	15*	5.0	21	4.1	WESTCHESTER NY	172	-18	122	67	86
44	1.2	107	2.3	223*	3.8	NORTH CAROLINA NC	93	64	216		
2*	4.8	2	3.1	7*	9.2	ALAMANCE NC	-35	198	93	58	95
1	1.9	1	2.2	3	4.9	ANSON NC	15	120	155	74	89
2	4.6	2	3.1	2	3.0	BEAUFORT NC	-33	-4	-36	11	81
1	1.9			2	3.6	BERTIE NC			95	59	84
2*	4.3	1	2.3	4	7.7	BLADEN NC	-46	233	80	56	94
		1	2.9	1	2.0	BRUNSWICK NC		-30			77
2	3.0			3	3.1	BUNCOMBE NC			0	25	81
				3*	10.7	BURKE NC					96
		2	3.6	4	7.9	CABARRUS NC		119			94
		1	8.6			CALDWELL NC					
				1	11.8	CAMDEN NC					96
				1	2.8	CASWELL NC					80
		1	3.3	2	6.4	CATAWBA NC		93			92
				1	2.2	CHATHAM NC					78
				2	8.9	CHOWAN NC					95
				3	4.6	CLEVELAND NC					88
		2	2.9			COLUMBUS NC					
1	1.6	3	4.1	3	3.1	CRAVEN NC	161	-24	99	60	82
2	2.2	1	.7	11*	6.0	CUMBERLAND NC	-66	710	172	76	91
		2*	20.5			CURRITUCK NC					
		1	3.7	1	1.8	DAVIDSON NC		-51			76
				2	3.0	DUPLIN NC					81
2	1.3	5	2.5	13	5.0	DURHAM NC	95	96	283	88	89

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
1	1.3	3	3.0	6	4.4	EDGECOMBE	NC	133	44	234	83	87
3	1.3	10*	4.0	13	4.5	FORSYTH	NC	219	12	257	86	87
		2	4.4			FRANKLIN	NC					
				2	1.9	GASTON	NC					76
		3*	19.4			GATES	NC					
				1*	49.2	GRAHAM	NC					99
				4	5.4	GRANVILLE	NC					90
1	5.0	1	3.5			GREENE	NC	-29				
1	.6	2	.8	15*	5.1	GUILFORD	NC	31	560	764	98	90
		1	1.1	2	1.3	HALIFAX	NC		20			74
				2	3.0	HARNETT	NC					81
				1*	19.1	HAYWOOD	NC					98
		1*	9.3			HENDERSON	NC					
2*	6.7	1	2.4	2	3.2	HERTFORD	NC	-64	31	-53	06	82
				1	2.5	HOKE	NC					79
		1*	9.4			HYDE	NC					
1	4.5			2	3.4	IREDELL	NC			-24	16	83
		1*	15.1	1	10.3	JACKSON	NC		-32			96
				1	1.4	JOHNSTON	NC					75
1	5.5	1	3.4	1	2.2	LEE	NC	-37	-36	-60	04	78
1	1.8	1	1.2	1	.9	LENOIR	NC	-35	-20	-47	08	74
		1	10.3			LINCOLN	NC					
				2	3.1	MARTIN	NC					82
3	1.2	7	2.4	14	3.8	MECKLENBURG	NC	94	60	211	81	84
				2	6.6	MONTGOMERY	NC					92
		1	1.9	3	5.4	MOORE	NC		183			90
2	2.5	1	1.0	4	4.1	NASH	NC	-58	293	64	51	86
		2	2.0	1	.8	NEW HANOVER	NC		-62			74
		3	5.6	1	1.4	NORTHAMPTON	NC		-74			75
		1	4.1	1	2.2	ONSLOW	NC		-45			78
				1	1.8	ORANGE	NC					76
		1	7.9			PAMLICO	NC					
		2	5.0	2	3.8	PASQUOTANK	NC		-24			84
		1	3.0	3	6.3	PENDER	NC		109			92
				2	9.4	PERQUIMANS	NC					95
				3	7.3	PERSON	NC					93
1	.7	1	1.2	9*	6.4	PITT	NC	74	437	835	98	92
				1	3.6	RANDOLPH	NC					84
		2	3.2			RICHMOND	NC					
3	2.6	2	1.2	7	3.2	ROBESON	NC	-56	173	20	34	82
1	1.7	4*	6.5	3	3.7	ROCKINGHAM	NC	294	-44	121	66	84
		5*	8.1	4	4.9	ROWAN	NC		-40			89
				3*	7.9	RUTHERFORD	NC					94
2	4.7	1	1.4	3	3.2	SAMPSON	NC	-70	126	-32	12	82
		4*	8.5	2	5.0	SCOTLAND	NC		-41			89
1*	9.9					STANLY	NC					
		1	8.2			SURRY	NC					
		1	2.7			UNION	NC					
		2	3.2	1	1.4	VANCE	NC		-55			75
3	1.7	6	3.1	16*	6.0	WAKE	NC	86	92	258	86	91
		1	3.9	2	10.7	WASHINGTON	NC		177			96
		2	1.6	4	2.5	WAYNE	NC		60			79
1*	8.0	1	8.6			WILKES	NC	8				
1	1.5	1	1.0	5	5.1	WILSON	NC	-30	398	249	85	89
1	2.6	1	1.8			NORTH DAKOTA	ND	-31				
		1*	19.0			BENSON	ND					
1*	19.0					SIOUX	ND					
53*	2.2	115*	3.3	192*	4.2	OHIO	OH	56	26	95		
		1	5.9	1	3.5	ALLEN	OH		-41			83
		1*	19.5			CHAMPAIGN	OH					
		3	4.2	5	5.9	CLARK	OH		39			91
18*	2.1	41*	3.7	70*	4.8	CUYAHOGA	OH	74	30	126	68	88
		1*	18.6			DELAWARE	OH					
4	1.3	13	3.7	23	4.7	FRANKLIN	OH	188	28	268	87	88
				1*	12.4	GALLIA	OH					97
1	4.4	2	6.8	1	4.5	GREENE	OH	55	-34	2	26	87
9	2.7	17	3.0	29	3.6	HAMILTON	OH	9	23	34	41	84
		2*	7.0			JEFFERSON	OH					
				1	5.9	LAKE	OH					91
		1*	11.8	1	8.5	LAWRENCE	OH		-28			95
		1*	10.5	1	8.8	LICKING	OH		-16			95
		4*	9.7	4	5.2	LORAIN	OH		-46			90
2	1.5	4	2.0	8	3.1	LUCAS	OH	35	55	109	64	82
				1*	18.6	MADISON	OH					98
3	2.4	2	1.4	14*	7.8	MAHONING	OH	-43	471	227	82	94
1*	188.7					MARION	OH					
				1	12.8	MIAMI	OH					97
6*	4.0	10	3.7	13	3.4	MONTGOMERY	OH	-8	-8	-16	21	83
		1	7.0			MUSKINGUM	OH					
1*	34.2					PICKAWAY	OH					
		2*	27.5			PORTAGE	OH					
				1	7.9	ROSS	OH					94
1*	13.7			1	9.6	SCIOTO	OH			-30	13	95
				2*	43.3	SENECA	OH					99
		1*	53.0			SHELBY	OH					
				2	1.8	STARK	OH					76
4*	3.1	6	4.4	10	4.6	SUMMIT	OH	40	4	45	47	88
2*	5.9	2	3.9	1	1.9	TRUMBULL	OH	-34	-51	-67	02	76
				1*	56.2	UNION	OH					99
1*	28.8					WASHINGTON	OH					
12	1.2	25	2.1	49	3.0	OKLAHOMA	OK	72	46	151		
				1	4.5	ADAIR	OK					88
1*	6.8	1	5.7			CADDO	OK	-16				
				1	7.5	CANADIAN	OK					94
				2	5.0	CARTER	OK					89

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				1	4.8	CHOCTAW OK					88
				1	7.4	CLEVELAND OK					93
				1	2.1	COMANCHE OK					77
		1	9.4			CRAIG OK					
		1	3.6	3*	9.7	CREEK OK		170			96
				1	6.5	DELAWARE OK					92
				2*	14.0	GARFIELD OK					97
1*	16.7					GARVIN OK					
				1*	60.6	GREER OK					99
				1*	49.2	HARMON OK					99
1*	12.7					JACKSON OK					
				1*	14.1	JOHNSTON OK					97
		1	7.0			KAY OK					
1*	10.8					LE FLORE OK					
1	3.0					MC CURTAIN OK					
		1	5.4			MC INTOSH OK					
1*	22.9					MURRAY OK					
		4	4.0	2	1.6	MUSKOGEE OK		-61			75
				2	7.1	OKFUSKEE OK					93
3	1.9	6	3.1	15	4.9	OKLAHOMA OK	66	59	163	76	89
				4	7.9	OKMULGEE OK					94
		1*	12.6			PAWNEE OK					
		1*	16.4			PAYNE OK					
				1	7.4	PONTOTOC OK					93
		1	4.3			SEMINOLE OK					
				1	5.0	SEQUOYAH OK					89
3	2.6	7	4.0	7	2.9	TULSA OK	54	-27	12	29	81
				1	5.8	WAGONER OK					91
1	.8			4	1.3	OREGON OR			51		
				1	6.8	CLACKAMAS OR					93
1	1.2			3	1.7	MULTNOMAH OR			44	46	75
51	1.5	116*	2.9	192	3.6	PENNSYLVANIA PA	90	25	139		
4	.6	26*	3.8	39*	4.7	ALLEGHENY PA	506	22	638	96	88
		1	2.0	2	3.3	BEAVER PA		67			83
				1*	38.3	BEDFORD PA					99
2*	11.9			1	2.3	BERKS PA			-81	00	78
				3	6.8	BUCKS PA					93
1	1.2	1	1.2	4	4.3	CHESTER PA	-5	269	252	85	87
1*	22.3					CRAWFORD PA					
2	2.6	2	1.6	11*	8.8	DAUPHIN PA	-38	449	241	85	95
1	.9	4	2.5	8	3.6	DELAWARE PA	170	42	282	88	84
		1	3.3	1	2.1	ERIE PA		-38			77
				2	4.4	FAYETTE PA					87
		1*	7.7			FRANKLIN PA					
		1*	54.2			INDIANA PA					
				3*	10.8	LANCASTER PA					96
				1	7.2	LEHIGH PA					93
		1*	10.6			LYCOMING PA					
1*	7.1			1	5.0	MERCER PA			-30	13	89
2	2.8	1	.9	6	4.0	MONTGOMERY PA	-66	330	45	46	85
				1*	37.5	NORTHUMBERLAND PA					99
36	1.7	75*	3.0	104	3.1	PHILADELPHIA PA	81	3	86	56	82
1*	43.0					VENANGO PA					
				4*	8.0	WASHINGTON PA					94
		2*	7.3			YORK PA					
3*	5.0			4	2.9	RHODE ISLAND RI			-43		
1*	8.9			2*	11.5	NEWPORT RI			29	38	96
2*	4.7			2	1.9	PROVIDENCE RI			-61	03	76
19	.6	56	1.8	116	3.0	SOUTH CAROLINA SC	174	70	365		
		2	6.0	1	3.1	ABBEVILLE SC		-48			82
		5*	5.5	3	2.7	AIKEN SC		-51			80
		1	3.6	1	3.0	ALLENDALE SC		-17			81
		1	1.1	2	1.8	ANDERSON SC		66			76
		1	3.2			BAMBERG SC					
		1	1.5	1	1.4	BEAUFORT SC		-8			75
1	1.5			3	4.2	BERKELEY SC			175	77	86
		1	2.8			CALHOUN SC					
5	1.7	3	1.0	17	4.2	CHARLESTON SC	-45	341	143	71	86
		1	2.9	2	6.1	CHEROKEE SC		109			92
				1	1.6	CHESTER SC					75
2*	4.6	1	2.0	4	7.9	CHESTERFIELD SC	-56	292	71	54	94
		2	2.8	2	2.4	CLARENDON SC		-14			79
		1	1.6			COLLETON SC					
1	1.2	2	2.3	1	1.0	DARLINGTON SC	82	-54	-16	21	74
				3	5.8	DILLON SC					91
		2	4.6	4	6.6	DORCHESTER SC		43			92
				2	6.4	EDGEFIELD SC					92
		1	2.4	2	4.3	FAIRFIELD SC		81			86
1	.9	4	3.3	4	2.1	FLORENCE SC	281	-35	146	73	77
				1	1.2	GEORGETOWN SC					74
1	.7	6	3.8	8	4.1	GREENVILLE SC	416	7	452	95	86
1	2.2			3	4.3	GREENWOOD SC			94	58	87
				2	5.5	HAMPTON SC					90
				3	4.1	HORRY SC					86
		1	3.3	2	4.7	JASPER SC		43			88
				2	3.2	KERSHAW SC					82
1	2.6	1	2.0	1	1.4	LANCASTER SC	-23	-28	-44	09	75
				2	3.1	LAURENS SC					82
		2	4.8	1	2.1	LEE SC		-56			77
				2	3.4	LEXINGTON SC					83
2	2.8			1	1.0	MARION SC			-65	02	74
				3	4.3	MARLBORO SC					87
				1	1.9	NEWBERRY SC					76

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		2*	11.7			OCONEE SC					
		3	2.3	7	3.7	ORANGEBURG SC		57			84
				1	3.5	PICKENS SC					83
2	1.0	2	.6	3	1.0	RICHLAND SC	-35	67	9	28	74
				1	4.9	SALUDA SC					89
1	.8	2	1.3	4	2.2	SPARTANBURG SC	61	75	181	76	78
1	.9	1	.7	6	4.3	SUMTER SC	-26	510	352	92	87
				2	4.0	UNION SC					85
		4	4.9	4	4.1	WILLIAMSBURG SC		-17			86
		3	3.3	3	2.5	YORK SC		-24			79
		3	3.6	2	1.8	SOUTH DAKOTA SD		-51			
		1*	37.7			CORSON SD					
				1*	74.3	HUGHES SD					99
		1*	344.1			MCCOY SD					
				1*	74.3	POTTER SD					99
		1*	86.0			TRIPP SD					
29	1.2	64	2.2	124	3.5	TENNESSEE TN	89	60	203		
1*	10.5	1*	11.9			ANDERSON TN	13				
		1	5.8	1	6.7	BEDFORD TN		14			93
				1	6.4	BLOUNT TN					92
				2*	16.5	BRADLEY TN					98
		1	6.4			CAMPBELL TN					
		2*	25.7			CHESTER TN					
		1*	15.5	1*	15.1	COFFEE TN		-2			97
				1	8.9	CROCKETT TN					95
4	1.1	11	2.7	20	4.0	DAVIDSON TN	152	48	273	87	85
		1	3.8	1	3.9	DYER TN		3			85
		1*	11.7			FRANKLIN TN					
				2	3.2	GIBSON TN					82
3	1.8	6	2.3	12	4.0	HAMILTON TN	25	75	119	65	85
		1	2.6	1	2.1	HARDEMAN TN		-19			77
		1*	12.7			HAWKINS TN					
				1	1.4	HAYWOOD TN					75
1*	6.1					HENRY TN					
2	1.6	3	2.2	5	3.1	KNOX TN	36	37	86	56	81
		1*	38.3			LAWRENCE TN					
				1*	22.9	LOUDON TN					98
				2*	19.3	MC MINN TN					98
2	2.1	2	2.0	5	4.1	MADISON TN	-6	108	95	60	86
1	2.3			1	1.9	MAURY TN			-18	19	76
		3*	6.8	1	1.8	MONTGOMERY TN		-74			76
		2*	10.6			OBION TN					
1*	40.9	1*	27.3			PHEA TN	-33				
				1	10.1	ROANE TN					96
				1	3.0	RUTHERFORD TN					81
13	1.5	21	1.9	61*	4.5	SHELBY TN	33	130	205	80	87
		1	7.8			SULLIVAN TN					
1	2.7	2	4.2	1	2.2	TIPTON TN	52	-47	-19	19	78
		1	6.6			WASHINGTON TN					
				1	3.9	WILLIAMSON TN					85
				1	4.0	WILSON TN					85
53	1.1	131	2.3	243	2.8	TEXAS TX	104	23	151		
				2	3.2	ANDERSON TX					82
1	3.6			1	2.8	ANGELINA TX			-24	15	80
1	3.7			2	7.0	BASTROP TX			87	57	93
		2	5.4	2	2.7	BELL TX		-49			80
		4	1.6	12	2.4	BEXAR TX		44			78
		1	1.4	1	1.1	BOWIE TX		-16			74
				1	1.7	BRAZORIA TX					75
1	1.8	1	1.5	1	1.3	BRAZOS TX	-20	-9	-28	14	74
1*	19.5					BROWN TX					
		1	8.4	2	6.9	BURLESON TX		-18			93
				1	4.5	CALDWELL TX					87
1*	6.7	1	5.6			CAMP TX	-17				
2*	4.9			6*	15.4	CASS TX			215	81	97
				1	8.8	CHAMBERS TX					95
				1	1.7	CHEROKEE TX					75
1*	6.8					COLLIN TX					
		1	5.3			COLORADO TX					
8	1.8	18	3.0	27	2.8	DALLAS TX	72	-8	58	51	80
				1*	19.3	DAWSON TX					98
		1	7.1	1	8.2	DENTON TX		16			94
				1	7.0	DE WITT TX					93
				3	4.5	ELLIS TX					88
		1	4.8			EL PASO TX					
		1	3.2	2	3.7	FALLS TX		17			84
				2*	9.2	FANNIN TX					95
1	3.2			1	1.7	FORT BEND TX			-47	08	75
				1	2.6	FREESTONE TX					79
		2	1.4	2	1.1	GALVESTON TX		-21			74
		1	4.2			GONZALES TX					
1	2.7			2	3.7	GRAYSON TX			39	43	84
1	2.3	2	2.4	5	5.7	GREGG TX	3	138	145	73	91
		1	3.9	1	3.7	GRIMES TX		-6			84
		1	5.5	3*	11.2	GUADALUPE TX		104			96
1*	4.8	1	4.8	1	5.5	HARDIN TX	-1	15	14	29	90
13	1.9	33*	2.9	62	3.7	HARRIS TX	57	26	98	60	84
1	.8	3	3.1	5	3.4	HARRISON TX	272	12	316	91	83
		2	3.9	1	4.0	HOUSTON TX		3			85
				1	5.7	HOWARD TX					91
		2*	7.2			HUNT TX					
		1*	18.2			HUTCHINSON TX					
				1	5.0	JACKSON TX					89
		1	3.8	1	2.6	JASPER TX		-33			79
3	1.5	2	.8	6	1.8	JEFFERSON TX	-49	139	21	35	76

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1*	12.0			JOHNSON TX					
				1	15.1	JONES TX					97
1	2.3			1	1.7	KAUFMAN TX			-28	14	75
		1*	17.7			KLEBERG TX					
				1	13.8	LAMB TX					97
		1	6.8	1	5.1	LAVACA TX		-25			89
1*	9.2			2*	8.7	LEE TX			-5	25	95
		1	3.7			LEON TX					
1	3.2			2	5.4	LIBERTY TX			68	53	90
1	2.7					LIMESTONE TX					
		2	5.5	3	3.3	LUBBOCK TX		-39			83
2	1.9	4	2.9	4	2.2	MC LENNAN TX	56	-23	19	33	78
		1	8.0			MADISON TX					
		1	3.9	2	5.4	MARION TX		36			90
		1	4.0			MATAGORDA TX					
1*	6.7					MIDLAND TX					
		1	3.3	1	5.0	MILAM TX		53			89
1	3.7			2	4.0	MONTGOMERY TX			9	28	85
				5*	14.0	MORRIS TX					97
				3	6.1	NACOGDOCHES TX					92
		1	2.7	2	3.1	NAVARRO TX		15			81
		1	8.2	1	4.4	NEWTON TX		-46			87
		4*	6.9	2	1.6	NUECES TX		-77			75
		3*	11.4	2	7.0	ORANGE TX		-38			93
		1	4.1	2	6.8	POLK TX		65			93
1	10.6					POTTER TX					
1	1.9	4*	7.1	2	2.6	RUSK TX	276	-63	40	43	80
		1	5.8			SAN JACINTO TX					
		1	.7	5	3.6	SMITH TX		383			84
		5	1.7	19	4.6	TARRANT TX		174			88
				1*	20.6	TERRY TX					98
1*	7.3					TOM GREEN TX					
2	1.6	4	2.8	7	3.3	TRAVIS TX	74	19	106	63	83
				1	4.3	TRINITY TX					86
		1	4.8			UPSHUR TX					
		2*	8.9	2	6.2	VICTORIA TX		-31			92
		2	5.3	2	3.4	WALKER TX		-36			83
1	2.8			1	2.2	WALLER TX			-20	18	78
				1*	22.5	WARD TX					98
				1	2.8	WASHINGTON TX					81
				2	2.8	WHARTON TX					80
2*	5.7	3*	10.4			WICHITA TX	81				
				1	13.6	WILBARGER TX					97
				3	2.2	UTAH UT					
				2	3.2	SALT LAKE UT					82
				1*	18.2	TOOELE UT					98
48	1.6	89	2.5	173*	3.9	VIRGINIA VA	61	54	148		
1	1.4			1	2.0	ACCOMACK VA			41	45	77
3*	6.4	3	5.1	3	4.5	ALBEMARLE#VA	-21	-12	-31	13	87
1*	7.4	1	7.4			ALLEGHANY#VA	-1				
		3*	13.9	1	2.7	AMHERST VA		-81			80
1	3.4			4	7.6	ARLINGTON#VA			123	67	94
		1	3.4	2	3.9	AUGUSTA#VA		17			85
3	2.7	3	2.4	5	3.7	BEDFORD#VA	-12	54	35	42	84
				1	15.1	BOTETOURT VA					97
				4*	10.0	BRUNSWICK VA					96
				1	3.4	BUCKINGHAM VA					83
				2	5.7	CAROLINE VA					91
1*	7.9	1	7.3			CHARLES CITY VA	-8				
1	5.0			1	4.2	CHARLOTTE VA			-16	21	86
7	1.7	15	3.1	26	4.3	CHESTERFIELD#VA	85	39	158	75	87
		1	3.7	1	4.6	CULPEPER VA		25			88
				1	4.4	CUMBERLAND VA					87
4	2.2	6	3.5	9	4.7	DINWIDDIE#VA	60	35	117	65	88
1	2.2	3	2.3	3	1.5	FAIRFAX#VA	4	-34	-31	12	75
				1	4.2	FAUQUIER VA					86
		1*	9.8			FREDERICK#VA					
		3*	22.0			GOOCHLAND VA					
		1	2.8	1	2.1	GREENSVILLE#VA		-26			77
1	1.5	1	1.8			HALIFAX#VA	13				
				3*	10.5	HANOVER VA					96
1	4.7	1	2.8	3	5.1	HENRICO VA	-40	81	8	27	89
				5	7.2	HENRY#VA					93
		1	3.3	2	5.2	ISLE OF WIGHT VA		55			90
		2	4.4	2	3.1	JAMES CITY#VA		-30			81
		3*	26.6			KING AND QUEEN VA					
				1	11.4	KING GEORGE VA					96
				2*	10.3	KING WILLIAM VA					96
		1	6.3	2	9.5	LANCASTER VA		51			95
		1	3.7			LOUISA VA					
		3*	13.5	1	3.9	LUNENBURG VA		-71			85
				2*	20.6	MATHEWS VA					98
2	3.5	2	4.5	3	4.7	MECKLENBURG VA	27	4	32	40	88
		1	9.3	1	5.7	MONTGOMERY#VA		-39			91
2*	12.4	1	6.9			NELSON VA	-44				
1*	5.9	1	6.4			NORTHUMBERLAND VA	9				
1	4.3			1	3.6	NOTTOWAY VA			-16	20	84
1*	6.3			2*	12.8	ORANGE VA			104	62	97
				1*	16.1	PATRICK VA					97
1	1.0	1	1.0	4	2.6	PITTSYLVANIA#VA	0	163	165	76	80
1*	10.3					POWHATAN VA					
1	3.8			3*	9.2	PRINCE EDWARD VA			144	72	95
		1*	8.6			PULASKI VA					
1*	12.4					RICHMOND VA					
3	3.4	2	1.9	11*	8.1	ROANOKE#VA	-44	331	139	71	94
1*	15.6					ROCKINGHAM#VA					
1	2.3	1	1.5	1	1.5	SOUTHAMPTON#VA	-36	-1	-36	10	75

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				1	3.1	SPOTSYLVANIA#VA					81
		1	6.5			SURRY VA					
				1	9.0	TAZEWELL VA					95
		1	9.1	1	5.9	WASHINGTON#VA		-35			91
4	.6	15	2.2	35	4.2	CHESAPEAKE CITY#VA	269	92	610	96	86
1	1.8	1	1.2	9*	6.2	HAMPTON CITY VA	-33	399	236	84	92
		3	1.8	6	3.2	NEWPORT NEWS CITY VA		75			82
2	2.3	3	2.8	3	2.3	SUFFOLK CITY VA	23	-18	2	26	78
2	1.1	11	3.3	18	2.8	WASHINGTON WA	195	-14	153		
				1	11.5	FRANKLIN WA					96
1	.7	8	4.2	8	2.5	KING WA	468	-41	234	83	79
		2*	159.6			KLICKITAT WA					
				1*	47.1	MASON WA					99
		1	1.6	6*	7.2	PIERCE WA		346			93
				1	2.6	SPOKANE WA					79
				1*	16.1	STEVENS WA					97
1*	8.2					YAKIMA WA					
3	.6	13	2.7	17	3.4	WEST VIRGINIA WV	330	27	447		
				1	16.4	BERKELEY WV					98
				1	4.0	CABELL WV					85
		1	2.5			FAYETTE WV					
		1*	7.5			GREENBRIER WV					
2	2.6	5*	6.0	2	2.0	KANAWHA WV	128	-67	-26	15	76
		1	4.8			LOGAN WV					
1	1.2			3	5.8	MC DOWELL WV			378	93	91
		1	4.4			MARION WV					
		2	4.7	1	2.2	MERCER WV		-52			78
				1	7.7	OHIO WV					94
		1	1.6	5*	7.6	RALEIGH WV		368			94
				1*	44.6	RANDOLPH WV					99
		1*	21.3	2*	64.2	WYOMING WV		201			99
		4	1.9	23	4.3	WISCONSIN WI		128			
				1	6.1	KENOSHA WI					92
				1	7.3	MENOMINEE#WI					93
		3	1.9	20*	5.6	MILWAUKEE WI		203			91
		1	18.9			RACINE WI					
				1	6.0	ROCK WI					91

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
57690	8.5	73022	9.5	77359	9.1	UNITED STATES		12	-5	7		
773	8.4	953	9.4	1124	9.4	ALABAMA	AL	12	0	12		
3	6.2	6	13.7	5	5.8	AUTAUGA	AL	119	-57	-6	35	16
19	12.0	16	7.8	25	8.7	BALDWIN	AL	-35	12	-27	19	47
7	12.6	1	1.5	9	13.7	BARBOUR	AL	-88	842	9	48	89
3	8.4	5	10.9	3	5.1	BIBB	AL	29	-53	-39	12	12
5	3.8	18	15.0	11	7.5	BLOUNT	AL	298	-50	99	85	31
1	6.0	1	4.2	1	3.9	BULLOCK	AL	-30	-7	-35	14	07
5	7.7	2	3.1	5	6.8	BUTLER	AL	-61	123	-12	29	24
20	6.9	32	9.8	31	8.5	CALHOUN	AL	43	-14	23	59	43
10	8.9	13	11.2	12	9.7	CHAMBERS	AL	26	-13	9	48	60
8	10.6	9	12.5	7	9.1	CHEROKEE	AL	18	-27	-14	27	51
6	6.7	10	9.0	8	6.3	CHILTON	AL	34	-30	-6	35	20
2	5.7	4	9.4	10*	21.8	CHOCTAW	AL	65	130	280	96	98
2	3.4	6	8.6	6	7.2	CLARKE	AL	152	-17	109	86	27
6	11.2	4	7.9	10	13.4	CLAY	AL	-30	70	19	56	88
4	8.2	3	7.0	5	9.2	CLEBURNE	AL	-15	32	12	51	53
4	2.8	4	4.2	12	9.7	COFFEE	AL	50	132	247	95	60
12	8.3	9	6.4	15	8.2	COLBERT	AL	-23	29	-2	39	39
2	3.3	6	11.5	4	7.7	CONECUH	AL	252	-33	136	89	33
1	2.8	2	4.7	1	2.0	COOSA	AL	64	-58	-31	17	03
8	5.1	13	9.7	12	7.1	COVINGTON	AL	91	-27	40	68	27
5	9.0	4	6.7	8	14.5	CRENSHAW	AL	-25	117	62	76	91
19	9.1	25	10.7	23	8.4	CULLMAN	AL	19	-21	-7	34	43
6	6.7	8	7.8	12	10.8	DALE	AL	16	38	60	76	71
14*	15.7	12	13.8	13	12.7	DALLAS	AL	-13	-8	-19	24	85
19	9.3	19	9.4	18	7.6	DE KALB	AL	0	-18	-18	25	33
6	6.3	8	7.0	20*	13.2	ELMORE	AL	12	89	111	86	87
10	10.3	9	9.1	17*	15.6	ESCAMBIA	AL	-11	72	52	73	94
24	7.7	38	10.1	23	5.8	ETOWAH	AL	31	-43	-25	20	16
8	10.9	8	10.3	12	14.4	FAYETTE	AL	-6	40	32	64	91
8	7.7	16	15.5	18*	14.5	FRANKLIN	AL	101	-6	88	82	91
10	11.3	9	9.8	13	12.1	GENEVA	AL	-13	24	7	47	81
1	5.8	1	6.1	2	13.5	GREENE	AL	7	120	135	89	88
1	5.1	3	10.2	5	14.5	HALE	AL	100	42	183	93	91
3	7.1	1	1.9	5	8.7	HENRY	AL	-73	350	23	59	46
6	3.7	22	14.1	15	6.9	HOUSTON	AL	280	-51	87	82	25
7	4.4	10	6.6	14	7.1	JACKSON	AL	51	8	62	76	27
160*	10.3	157	8.9	184	9.5	JEFFERSON	AL	-14	6	-8	33	57
4	6.2	6	9.6	6	7.9	LAMAR	AL	56	-18	28	62	35
17	8.3	24	10.1	32	11.3	LAUDERDALE	AL	22	12	37	66	76
10	11.1	12	15.5	9	8.8	LAWRENCE	AL	39	-43	-21	23	47
5	4.8	9	6.6	15	9.4	LEE	AL	38	43	97	84	57
5	3.1	10	8.1	13	8.6	LIMESTONE	AL	158	6	172	92	45
3	27.8	1	5.1	3	17.5	LOWNDES	AL	-82	247	-37	13	96
4	17.3	3	14.8	3	9.8	MACON	AL	-15	-34	-43	10	61
14	5.0	31	6.8	43	8.4	MADISON	AL	37	22	67	77	42
4	8.8	10*	21.9	13*	23.3	MARENGO	AL	148	7	164	91	99
7	6.0	12	10.4	16	11.7	MARION	AL	73	13	95	84	78
18	9.0	22	10.3	26	9.1	MARSHALL	AL	14	-11	1	42	52
67	9.8	80	10.1	89	9.3	MOBILE	AL	3	-7	-4	36	55
5	9.7	5	8.4	8	12.1	MONROE	AL	-14	44	25	60	81
24	5.9	48	13.4	49	10.7	MONTGOMERY	AL	127	-20	81	81	70
23	11.3	17	7.1	26	8.2	MORGAN	AL	-38	17	-27	19	40
2	5.4	10*	33.1	3	8.1	PERRY	AL	513	-76	50	72	38
4	6.6	4	6.7	1	1.2	PICKENS	AL	2	-82	-82	00	03
8	12.3	5	6.3	7	8.8	PIKE	AL	-48	40	-28	18	48
4	5.6	4	6.2	8	9.8	RANDOLPH	AL	11	56	73	79	60
7	8.5	12	11.7	9	7.9	RUSSELL	AL	37	-32	-7	34	36
11	10.8	3	2.7	19	14.4	ST CLAIR	AL	-75	434	33	65	91
12	9.8	9	7.0	13	7.5	SHELBY	AL	-28	7	-23	21	31
1	2.9	3	11.9	3	10.8	SUMTER	AL	306	-9	270	96	72
24*	12.8	17	8.9	28*	13.3	TALLADEGA	AL	-30	49	4	44	87
7	6.4	10	9.0	11	7.9	TALLAPOOSA	AL	41	-12	25	60	36
17	7.0	36	10.4	31	7.1	TUSCALOOSA	AL	50	-32	2	43	27
17	7.6	22	9.2	32	11.2	WALKER	AL	22	22	48	71	75
1	2.6	3	6.4	5	8.6	WASHINGTON	AL	146	34	229	95	45
4	14.6	4	18.9	5	23.1	WILCOX	AL	29	22	58	75	98
9	12.7	7	9.3	4	4.0	WINSTON	AL	-27	-56	-68	02	08
		32	4.8	33	4.7	ALASKA	AK		-3			
305	7.9	517	8.8	781	8.6	ARIZONA	AZ	12	-3	9		
3	14.5	5	12.1	4	17.4	APACHE	AZ	-17	45	21	57	96
17	10.0	17	6.6	21	7.1	COCHISE	AZ	-34	7	-29	17	27
5	4.1	8	9.3	8	7.7	COCONINO	AZ	129	-17	89	82	33
9	10.5	9	8.1	7	5.3	GILA	AZ	-22	-35	-49	08	13
7	12.6	2	3.2	7	10.2	GRAHAM	AZ	-75	221	-19	23	65
5	8.7	4	10.2	2	3.5	GREENLEE	AZ	18	-66	-60	04	06
145	7.5	303	9.5	481	9.3	MARICOPA	AZ	27	-2	25	60	55
		7	9.3	19	6.7	MOHAVE	AZ		-28			23
7	10.5	8	9.3	10	10.4	NAVAJO	AZ	-11	12	-1	40	68
76	9.3	108	8.9	154	8.4	PIMA	AZ	-5	-5	-9	31	43
13	5.6	12	4.9	15	5.2	PINAL	AZ	-13	6	-8	33	13
		4	8.6	2	2.6	SANTA CRUZ	AZ		-69			04
10	6.6	17	8.4	22	6.1	YAVAPAI	AZ	27	-27	-7	34	19
8	5.8	13	6.1	29	9.3	YUMA	AZ	5	52	60	76	54
576	8.3	813*	10.7	842	9.1	ARKANSAS	AR	29	-14	10		
10	11.9	13	15.1	11	11.1	ARKANSAS	AR	26	-26	-7	35	74
9	13.2	6	7.4	10	10.7	ASHLEY	AR	-44	45	-19	24	70
3	5.2	12	10.7	18	8.2	BAXTER	AR	107	-23	59	75	39
20	9.8	41*	16.6	34	9.4	BENTON	AR	70	-43	-4	36	56
10	11.2	14	12.7	17	12.7	BOONE	AR	14	0	14	52	85

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
2	3.6	6	10.0	7	11.6	BRADLEY	AR	174	17	220	94	78
1	3.9	2	10.2	1	3.2	CALHOUN	AR	160	-69	-18	24	06
2	2.2	10	11.0	13	12.2	CARROLL	AP	394	11	449	98	82
3	7.2	4	10.6	2	4.6	CHICOT	AR	47	-57	-37	13	10
3	4.0	10	12.6	7	8.4	CLARK	AR	211	-33	107	86	42
9	7.5	10	8.8	13	9.9	CLAY	AR	17	12	32	64	62
4	8.0	6	11.3	9	8.9	CLEBURNE	AR	41	-21	12	50	50
2	6.4	5	16.3	5	14.4	CLEVELAND	AR	154	-12	124	88	91
8	9.1	9	10.0	13	14.3	COLUMBIA	AR	10	42	57	74	91
3	4.5	8	10.9	7	8.3	CONWAY	AR	143	-24	84	81	41
8	4.0	31*	14.6	29	11.9	CRAIGHEAD	AR	264	-18	199	94	80
8	7.1	12	9.8	11	7.2	CRAWFORD	AR	37	-26	1	42	28
7	9.6	3	4.4	15*	15.3	CRITTENDEN	AR	-54	246	59	75	93
6	9.0	7	10.1	9	12.7	CROSS	AR	13	25	41	68	85
3	8.4	1	1.9	4	8.6	DALLAS	AR	-77	343	2	43	45
3	6.4	6	11.9	5	9.0	DESHA	AR	85	-24	40	68	51
6	10.6	5	8.9	6	9.3	DREW	AR	-16	4	-13	28	54
8	8.0	7	5.6	13	7.4	FAULKNER	AR	-30	33	-7	34	30
4	6.0	9	14.1	8	9.7	FRANKLIN	AR	133	-31	60	76	60
3	6.7	4	13.4	5	11.8	FULTON	AR	101	-12	77	80	79
24	9.4	37	12.6	38	8.8	GARLAND	AR	34	-30	-6	35	48
5	10.3	7	15.0	4	6.5	GRANT	AR	45	-56	-37	13	22
12	8.9	9	6.8	5	3.6	GREENE	AR	-23	-47	-59	04	07
2	2.9	8	9.1	8	8.6	HEMPSTEAD	AR	217	-6	198	94	45
4	4.3	16*	16.4	9	7.7	HOT SPRING	AR	279	-53	78	80	34
5	8.5	10	15.9	7	10.0	HOWARD	AR	87	-37	18	55	63
4	4.2	11	10.9	13	8.8	INDEPENDENCE	AR	161	-19	110	86	47
3	6.3	3	9.2	3	5.4	IZARD	AR	47	-41	-14	27	14
10	11.6	9	9.6	15*	15.2	JACKSON	AR	-17	58	31	64	93
13	10.5	16	8.4	19	8.5	JEFFERSON	AR	-20	1	-19	24	44
12*	15.7	8	8.9	10	10.6	JOHNSON	AR	-43	19	-33	15	69
2	5.9	3	7.6	4	10.2	LAFAYETTE	AR	30	33	74	79	65
8	8.6	7	7.4	7	6.3	LAWRENCE	AR	-14	-15	-27	19	20
3	8.8	3	7.5	5	13.5	LEE	AR	-14	79	53	73	88
1	3.0	5	13.6	2	5.3	LINCOLN	AR	349	-61	76	80	13
4	10.0			5	12.2	LITTLE RIVER	AR			22	58	82
4	4.2	9	8.0	10	7.8	LOGAN	AR	90	-2	85	82	34
10	10.3	11	10.5	12	9.0	LONOKE	AR	2	-14	-12	28	50
3	5.2	4	5.7	7	9.7	MADISON	AR	10	70	86	82	60
1	1.9	8	16.2	6	12.0	MARION	AR	742	-26	525	98	80
8	6.7	13	10.3	17	12.6	MILLER	AR	53	22	87	82	84
18	7.0	26	13.5	13	7.1	MISSISSIPPI	AR	92	-47	1	42	27
4	9.0	4	8.6	6	12.1	MONROE	AR	-4	40	35	66	81
1	3.0	1	2.2	2	4.2	MONTGOMERY	AR	-28	94	39	67	08
6	14.6	3	5.4	5	9.0	NEVADA	AR	-63	68	-38	13	51
3	8.6	5	13.8	6	15.2	NEWTON	AR	60	10	76	80	93
13*	14.8	16*	16.6	13	11.5	OUACHITA	AR	12	-31	-22	22	77
3	9.8	2	6.7	1	2.6	PERRY	AR	-31	-61	-73	01	04
2	2.1	12	16.6	7	9.4	PHILLIPS	AR	687	-43	346	97	56
5	9.9	6	11.7	5	9.2	PIKE	AR	18	-21	-7	34	53
9	8.2	11	8.5	10	8.3	POINSETT	AR	4	-3	1	41	41
10	14.1	6	7.0	8	7.7	POLK	AR	-51	10	-46	09	33
15*	12.9	14	11.8	20	12.4	POPE	AR	-8	5	-3	37	63
6	11.1	3	7.9	5	9.9	PRAIRIE	AR	-29	25	-11	30	62
74	10.5	88	10.7	82	8.2	PULASKI	AR	2	-24	-22	22	39
5	5.8	7	9.3	15*	16.3	RANDOLPH	AR	59	76	179	93	94
3	4.6	6	8.1	7	8.8	ST FRANCIS	AR	75	9	90	83	48
4	3.3	7	4.7	15	8.4	SALINE	AR	42	79	155	91	42
6	12.4	4	8.1	5	9.1	SCOTT	AR	-35	12	-27	19	51
1	2.4	5	10.4	5	7.0	SEARCY	AR	328	-33	185	93	26
31	10.8	43	13.9	31	8.0	SEBASTIAN	AR	29	-43	-26	19	36
7	11.5	7	12.9	8	12.4	SEVIER	AR	12	-4	8	47	83
3	7.7	2	8.0	7	8.5	SHARP	AR	3	7	10	49	44
2	5.8	5	11.3	5	8.8	STONE	AR	95	-21	53	73	48
17	10.0	21	12.5	10	4.8	UNION	AR	24	-62	-52	07	11
3	6.6	2	3.9	4	6.2	VAN BUREN	AR	-41	61	-5	36	19
19	7.6	32	10.1	36	9.2	WASHINGTON	AR	33	-9	21	57	53
18	10.2	23	12.1	16	6.8	WHITE	AR	19	-44	-33	15	24
1	2.4	8	17.9	4	8.6	WOODRUFF	AR	651	-52	261	96	46
4	6.0	6	6.8	13	13.2	YELL	AR	13	95	120	87	87
4740	8.7	6467	9.2	7417	9.2	CALIFORNIA	CA	6	0	6		
269	8.3	345	9.5	305	8.5	ALAMEDA	CA	15	-10	3	43	43
2	3.9	3	4.8	8	7.9	AMADOR	CA	23	62	99	85	35
42	10.3	49	9.7	50	7.2	BUTTE	CA	-6	-25	-30	17	28
3	4.6	8	9.0	6	6.3	CALAVERAS	CA	96	-31	36	66	20
6	9.1	6	10.5	3	4.1	COLUSA	CA	14	-61	-55	06	08
104	8.8	158	9.3	201	9.3	CONTRA COSTA	CA	5	1	6	45	55
1	1.2	8	11.3	8	9.6	DEL NORTE	CA	820	-15	680	99	58
9	8.7	14	7.5	17	5.9	EL DORADO	CA	-14	-21	-32	16	17
120	8.8	140	8.9	165	9.5	FRESNO	CA	1	6	7	47	57
7	8.7	11	11.7	12	12.1	GLENN	CA	34	3	39	67	81
32	7.3	46	11.2	36	8.1	HUMBOLDT	CA	53	-28	10	49	37
15	5.1	28	8.4	38*	14.3	IMPERIAL	CA	65	69	179	92	90
4	5.9	2	2.6	9	11.8	INYO	CA	-56	352	100	85	79
85	9.0	123	10.5	139	10.7	KERN	CA	16	1	18	55	70
18	9.4	19	9.2	21	9.4	KINGS	CA	-3	2	0	40	56
5	6.9	10	8.2	23	12.3	LAKE	CA	19	50	80	81	83
8	11.0	8	12.4	12	14.5	LASSEN	CA	13	17	32	65	91
1899*	9.2	2262	9.0	2310	9.2	LOS ANGELES	CA	-1	2	0	41	53
7	4.4	14	7.3	17	7.7	MADERA	CA	68	5	77	80	33
41	8.4	67	9.6	79	10.0	MARIN	CA	14	4	19	56	63
6	19.5	7	19.6	3	4.0	MARIPOSA	CA	1	-80	-80	00	08
11	4.8	30	12.2	28	9.5	MENDOCINO	CA	152	-22	96	84	57
26	8.7	33	9.0	51	11.9	MERCED	CA	3	33	37	66	80
3	5.7	2	5.2	5	10.2	MODOC	CA	-9	98	80	81	66
		1	9.6	1	3.0	MONO	CA		-69			05
46	8.2	74	9.7	93	10.3	MONTEREY	CA	18	6	25	60	66
29	9.1	38	8.7	45	8.5	NAPA	CA	-3	-3	-6	35	43
14	11.6	14	10.9	18	7.6	NEVADA	CA	-7	-30	-35	14	32

SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

COUNTY AND STATE	1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
ORANGE CA	161	9.7	328	8.6	552	9.6	-11	12	-1	40	59
PLACER CA	14	5.9	28	8.2	46	9.9	38	21	67	77	61
PLUMAS CA	3	3.8	4	6.3	6	8.7	68	37	131	88	46
RIVERSIDE CA	87	7.7	145	7.5	247	8.6	-2	15	12	51	46
SACRAMENTO CA	148	9.4	195	9.7	228	9.1	3	-7	-4	37	51
SAN BENITO CA	9	12.3	8	10.1	14*	17.1	-18	70	39	68	96
SAN BERNARDINO CA	134	7.9	211	8.4	281	8.9	6	6	13	51	50
SAN DIEGO CA	269	8.5	400	8.8	521	8.6	3	-3	1	41	45
SAN FRANCISCO CA	305	9.1	319	10.0	284	10.0	9	0	10	49	63
SAN JOAQUIN CA	73	7.3	113	9.7	109	8.3	34	-15	14	52	41
SAN LUIS OBISPO CA	30	9.0	56	11.7	46	7.4	30	-37	-18	25	30
SAN MATEO CA	92	6.6	168	9.6	198	9.5	47	-1	46	70	58
SANTA BARBARA CA	37	6.7	70	7.9	116	10.5	18	32	56	74	68
SANTA CLARA CA	158	8.9	310	10.5	334	9.1	18	-14	1	42	51
SANTA CRUZ CA	47	9.9	67	11.0	82	10.3	11	-7	4	44	66
SHASTA CA	20	10.0	33	10.2	48	11.1	2	9	11	50	74
SIERRA CA	3	16.5			1	4.4			-74	01	09
SISKIYOU CA	16	9.2	12	6.8	20	11.0	-27	63	19	56	73
SOLANO CA	42	9.6	37	7.7	51	8.4	-19	8	-13	28	42
SONOMA CA	57	8.1	86	9.5	131	10.3	18	8	27	62	66
STANISLAUS CA	76*	11.1	83	9.7	82	8.0	-13	-17	-28	18	37
SUTTER CA	9	8.2	28*	17.3	18	9.6	110	-45	16	53	58
TEHAMA CA	6	5.5	15	10.6	7	3.9	94	-63	-29	18	07
TRINITY CA			1	2.1	6	10.9		421			72
TULARE CA	56	8.5	76	9.5	80	9.3	12	-2	11	50	56
TUOLUMNE CA	5	5.5	9	9.7	10	7.2	76	-26	31	64	28
VENTURA CA	41	7.0	100	9.4	145	9.1	36	-4	30	64	51
YOLO CA	20	8.1	24	7.8	43	11.6	-3	48	43	69	78
YUBA CA	10	8.2	21	13.7	8	4.3	66	-68	-47	09	09
COLORADO CO	561	8.2	776	9.4	847	8.9	15	-5	9		
ADAMS CO	20	8.4	44	9.2	66	11.2	10	21	33	65	74
ALAMOSA CO	1	2.2	4	9.6	2	4.7	346	-51	118	87	11
ARCHULETA CO	2	16.0			1	7.8			-51	07	34
BACA CO	3	7.6	3	9.9	2	5.1	31	-48	-32	15	12
BENT CO	1	1.8	5	13.7	1	2.3	655	-83	28	62	04
BOULDER CO	22	8.1	36	9.9	49	9.1	22	-8	13	51	52
CHAFFEE CO	4	10.2	4	8.4	4	7.5	-17	-11	-26	20	31
CHEYENNE CO	1	6.9	2	14.1	3	19.1	106	35	177	92	97
CLEAR CREEK CO	2	13.6									
CONEJOS CO	1	1.9	4	11.6	1	3.6	495	-69	84	81	06
COSTILLA CO			1	5.0	2	12.3		146			82
CROWLEY CO			5*	20.6	2	12.3		-40			82
CUSTER CO	1	12.6	1	21.8			73				
DELTA CO	7	8.7	6	5.7	7	5.7	-34	-1	-35	14	15
DENVER-ARAPAHOE#CO	207	8.9	247	9.4	269	10.0	6	6	13	51	63
DOUGLAS CO	4	21.1	4	14.9	4	7.8	-29	-48	-63	03	34
EAGLE CO	1	7.9	2	15.7	2	2.4	100	-84	-69	02	04
ELBERT CO	2	11.1	2	7.7	3	10.4	-30	35	-6	35	68
EL PASO CO	45	10.4	64	10.4	75	9.4	0	-10	-10	31	56
FREMONT CO	12	9.7	23*	15.8	15	9.1	63	-42	-6	35	52
GARFIELD CO	1	1.5	4	5.6	9	10.5	266	88	587	99	69
GILPIN CO					1	10.3					67
GRAND CO	1	5.8									
GUNNISON CO	3	13.0			3	14.0			8	47	90
HUERFANO CO	2	3.4	3	7.3	2	3.4	116	-54	-1	39	06
JACKSON CO			1	9.4	2	22.6		141			98
JEFFERSON CO	28	7.1	66	10.0	85	9.0	41	-10	28	62	51
KIOWA CO			1	8.8	2	19.5		122			97
KIT CARSON CO	3	7.9	6	13.4	7	16.3	69	22	106	86	95
LAKE CO	1	3.0	4	51.7	5*	32.1	1611	-38	963	99	99
LA PLATA CO	6	7.3	7	8.4	7	8.1	15	-3	11	50	38
LARIMER CO	20	8.2	33	10.3	36	7.7	25	-26	-7	34	33
LAS ANIMAS CO	12	9.5	10	9.8	7	7.5	4	-24	-21	23	31
LINCOLN CO	1	3.3	4	13.3	2	6.4	302	-52	94	83	21
LOGAN CO	10	11.2	11	11.5	10	10.4	2	-9	-8	33	67
MESA CO	17	7.5	20	7.7	26	8.2	3	6	9	48	39
MINERAL CO					1	22.9					98
MOFFAT CO	1	2.4	5	16.7	2	6.3	605	-62	167	92	20
MONTEZUMA CO	3	6.1	4	7.6	7	11.6	26	52	91	83	78
MONTROSE CO	4	4.8	4	4.6	4	4.2	-5	-8	-13	28	08
MORGAN CO	10	11.5	13	11.9	4	3.7	4	-69	-67	02	07
OTERO CO	12	10.3	15	12.7	5	4.3	23	-66	-58	05	09
OURAY CO	3*	25.1	2	23.2			-7				
PARK CO	1	10.2	2	19.4	1	6.0	91	-69	-41	11	18
PHILLIPS CO	4	14.9	6*	18.5	2	5.2	25	-72	-65	03	12
PITKIN CO	1	14.4			3	14.0			-3	38	90
PROWERS CO	2	3.0	6	8.4	7	10.9	184	29	267	96	72
PUEBLO CO	27	5.5	37	6.9	48	8.8	27	27	61	76	48
RIO BLANCO CO	3	13.5	1	4.1	4	17.1	-70	321	27	62	95
RIO GRANDE CO	2	4.0	6	10.5	4	8.4	160	-20	107	86	42
ROUTT CO	2	4.8	2	6.1	1	4.1	26	-32	-15	27	08
SAGUACHE CO			2	10.3	1	4.9		-52			11
SAN JUAN CO			1	19.4	1*	22.3		15			98
SAN MIGUEL CO	2	19.6			1	28.1			44	70	99
SEDGWICK CO	2	8.9	5*	22.4	3	13.0	152	-42	46	71	86
SUMMIT CO					1	5.8					1
TELLER CO	1	7.0			1	2.3			-67	03	0
WASHINGTON CO	4	12.0	4	10.6	5	14.6	-12	38	22	58	9
WELD CO	28	8.9	28	7.7	28	6.8	-14	-11	-24	21	2
YUMA CO	8	13.9	6	9.8	1	2.5	-29	-75	-82	00	0
CONNECTICUT CT	896	8.8	1102	9.3	1180	9.1	6	-3	3		
FAIRFIELD CT	207	8.0	295	9.8	326	9.9	22	1	23	59	6
HARTFORD CT	247	9.4	296	9.5	291	8.5	1	-10	-9	32	4
LITCHFIELD CT	48	8.6	46	7.3	66	8.8	-15	21	3	43	4
MIDDLESEX CT	31	8.7	32	6.6	46	8.7	-24	31	0	41	4
NEW HAVEN CT	243	8.9	310	10.1	305	9.2	14	-9	4	44	5
NEW LONDON CT	64	8.5	69	7.9	80	8.2	-8	5	-3	37	4

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WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
23	9.7	22	7.3	26	6.9	TOLLAND CT	-25	-6	-29	17	25
33	10.3	32	9.1	40	9.9	WINDHAM CT	-11	9	-3	38	62
121	8.5	146	8.2	169	8.1	DELAWARE DE	-5	-1	-5		
13	6.4	16	5.3	23	8.4	KENT DE	-17	59	32	64	42
81	8.8	109	9.0	119	8.6	NEW CASTLE DE	3	-5	-2	38	45
27	9.7	21	7.0	27	7.1	SUSSEX DE	-27	1	-27	19	27
203*	10.4	152	10.3	78	7.7	DIST. OF COLUMBIA DC	-1	-25	-26		
203*	10.4	152	10.3	78	7.7	WASHINGTON DC	-1	-25	-26	20	34
1164	7.3	2403	8.7	3624	8.2	FLORIDA FL	18	-6	11		
18	11.5	19	9.9	29	10.2	ALACHUA FL	-14	4	-11	30	65
1	6.2	1	4.9	2	4.0	BAKER FL	-22	-18	-36	13	08
14	8.2	23	10.8	24	7.6	BAY FL	33	-30	-7	34	32
1	2.9	6	11.5	6	9.5	BRADFORD FL	289	-17	222	95	57
14	5.7	48	8.8	102	10.2	BREVARD FL	56	15	79	80	65
59	6.7	228	8.9	451	8.3	BROWARD FL	34	-7	24	60	41
		3	8.4	4	8.7	CALHOUN FL		4			46
2	3.8	12	7.3	32	6.3	CHARLOTTE FL	93	-14	66	77	20
2	3.4	12	12.6	17	4.9	CITRUS FL	277	-61	46	71	11
7	8.5	6	5.0	13	7.7	CLAY FL	-41	56	-9	32	34
4	11.1	11	7.0	22	6.1	COLLIER FL	-37	-13	-45	10	18
6	9.3	2	2.5	9	8.6	COLUMBIA FL	-73	238	-7	34	45
240	7.8	398	7.8	607	8.6	DADE FL	0	10	10	49	45
3	5.2	6	10.9	8	11.7	DE SOTO FL	109	7	125	88	79
2	12.7	2	10.3	2	6.5	DIXIE FL	-19	-37	-49	08	21
100	9.1	128	9.3	157	9.9	DUVAL FL	3	6	9	48	62
26	6.8	47	9.2	51	7.8	ESCAMBIA FL	35	-15	15	52	34
1	6.3	4	29.9	3	4.7	FLAGLER FL	374	-84	-25	20	11
1	4.3			4	11.2	FRANKLIN FL			159	91	74
2	1.9	6	7.3	9	9.7	GADSDEN FL	290	33	416	98	60
		2	14.5	3	12.6	GILCHRIST FL		-13			84
1	14.7	1	9.0	2	6.2	GLADES FL	-39	-31	-58	05	19
		4	14.4	4	8.9	GULF FL		-38			49
2	7.5	1	4.0	5	18.6	HAMILTON FL	-46	363	149	90	97
5	8.6	3	6.4	4	4.9	HARDEE FL	-26	-23	-43	10	11
2	11.6	3	11.7	4	10.6	HENDRY FL	1	-10	-9	32	69
2	4.0	6	8.7	20	8.9	HERNANDO FL	116	3	122	88	50
7	7.7	11	5.7	23	7.0	HIGHLANDS FL	-26	22	-10	31	26
100	7.6	179	9.8	172	7.5	HILLSBOROUGH FL	29	-24	-2	39	31
3	6.8	3	5.7	9	14.1	HOLMES FL	-16	147	107	86	90
1	2.0	14	7.6	32	11.0	INDIAN RIVER FL	275	46	447	98	73
6	6.8	12	10.1	12	8.2	JACKSON FL	50	-19	21	58	39
1	5.2	2	9.0	2	8.3	JEFFERSON FL	74	-8	61	76	41
1	5.9	1	6.5	1	6.4	LAFAYETTE FL	10	-2	8	47	20
30*	14.7	43	11.6	54	8.5	LAKE FL	-21	-27	-42	11	43
14	7.8	46	9.5	75	7.1	LEE FL	22	-25	-9	32	27
7	5.7	25	13.5	17	5.7	LEON FL	137	-57	1	41	16
3	7.8	8	17.4	2	3.9	LEVY FL	122	-78	-51	07	07
1	8.9			2	10.5	LIBERTY FL			18	55	69
1	2.7	7	17.6	2	6.1	MADISON FL	565	-65	131	88	19
17	5.4	54	8.1	96	8.3	MANATEE FL	50	2	53	73	41
11	7.2	27	11.9	34	7.4	MARION FL	65	-38	3	43	30
7	8.6	8	6.3	24	8.6	MARTIN FL	-27	37	0	41	46
9	5.9	12	7.4	16	6.0	MONROE FL	26	-20	1	42	18
3	11.0	4	7.4	4	4.2	NASSAU FL	-33	-42	-61	04	08
5	3.4	16	6.7	19	7.1	OKALOOSA FL	95	6	107	86	27
2	12.9	3	7.2	5	6.4	OKEECHOBEE FL	-44	-10	-50	08	21
65	9.5	115	9.8	132	8.5	ORANGE FL	3	-13	-11	30	43
4	3.1	11	7.2	20	8.6	OSCEOLA FL	135	19	180	93	46
56	8.6	144	9.9	214	6.7	PALM BEACH FL	15	-32	-21	22	24
8	4.3	30	6.9	87	5.6	PASCO FL	61	-20	30	63	15
144	7.5	325	9.0	447	8.2	PINELLAS FL	20	-9	10	49	39
32	4.9	74	7.9	137	10.7	POLK FL	61	36	118	87	71
6	6.6	7	6.6	24	12.6	PUTNAM FL	0	92	92	83	84
6	6.8	14	11.5	21	11.0	ST JOHNS FL	68	-4	61	76	73
7	6.8	17	10.0	20	6.9	ST LUCIE FL	47	-31	1	41	25
3	3.1	6	5.6	13	7.7	SANTA ROSA FL	83	36	149	90	33
31	11.0	70	9.0	121	7.6	SARASOTA FL	-19	-15	-31	16	32
5	3.6	14	6.1	30	6.6	SEMINOLE FL	69	8	82	81	23
2	4.4	2	3.7	11	13.3	SUMTER FL	-15	258	205	94	87
7	15.1	7	11.9	10	11.4	SUWANNEE FL	-21	-4	-24	21	77
		3	7.0	3	5.3	TAYLOR FL		-25			13
1	2.4	1	2.1	4	16.7	UNION FL	-12	690	596	99	95
41	7.7	98	12.1	110	7.3	VOLUSIA FL	58	-39	-4	36	29
		1	3.9	4	13.8	WAKULLA FL		255			89
2	3.2	1	1.7	10	9.6	WALTON FL	-48	484	204	94	59
		6	11.0	5	9.0	WASHINGTON FL		-18			50
851	8.3	1059	8.7	1280	8.7	GEORGIA GA	6	0	6		
2	3.8	3	6.7	8	15.2	APPLING GA	75	126	296	96	93
2	9.1	1	3.8	2	7.9	ATKINSON GA	-58	106	-14	27	35
1	2.2			4	15.0	BACON GA			580	99	93
				1	10.9	BAKER GA					73
4	5.2	7	6.7	6	5.5	BALDWIN GA	31	-18	7	46	14
4	14.2			6	17.7	BANKS GA			25	60	96
8	16.1	5	8.4	4	5.3	BARROW GA	-48	-37	-67	03	13
5	5.4	14	13.2	8	6.7	BARTOW GA	145	-49	25	60	24
2	4.7	3	6.9	2	3.7	BEN HILL GA	46	-45	-20	23	07
1	2.5	3	5.8	8	15.6	BERRIEN GA	131	170	524	98	93
33	11.3	27	7.1	35	9.1	BIBB GA	-37	28	-19	24	52
4	17.7	4	11.1	3	9.6	BLECKLEY GA	-38	-14	-46	09	58
2	6.9			2	5.2	BRANTLEY GA			-25	20	13
2	5.9	1	2.5	4	7.3	BROOKS GA	-57	185	24	59	28
				1	3.3	BRYAN GA					06
3	4.2	5	5.2	8	8.6	BULLOCH GA	25	64	105	85	45

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BURKE GA	2	7.2	2	6.8	2	5.2	-7	-24	-29	17	13
BUTTS GA	2	8.5	1	3.3	2	5.2	-62	61	-38	12	13
CALHOUN GA	2	17.3	1	9.4	2	13.6	-46	46	-21	22	89
CAMDEN GA	2	12.4	2	10.7	2	5.4	-13	-50	-57	05	13
CANDLER GA	2	8.3	2	9.6	3	10.1	16	5	22	58	63
CARROLL GA	8	6.6	12	7.9	19	9.9	19	26	50	72	62
CATOOSA GA	3	5.3	8	9.0	16	12.4	69	38	134	89	83
CHARLTON GA	1	6.8	2	13.9	3	13.7	103	-1	100	85	89
CHATHAM GA	31	7.0	42	9.1	41	7.8	30	-14	12	50	35
CHATTOOGA GA	8	10.5	5	6.5	4	4.3	-39	-33	-59	04	09
CHEROKEE GA	10	14.5	5	4.7	10	6.4	-68	38	-56	06	21
CLARKE GA	6	5.6	9	8.2	15	9.2	47	12	65	77	53
CLAY GA	1	14.5									
CLAYTON GA	6	8.7	15	7.6	26	8.4	-13	11	-3	37	42
CLINCH GA	2	9.8	1	8.0	2	9.3	-18	16	-5	36	56
COBB GA	21	8.2	29	6.2	65	8.6	-25	40	5	45	46
COFFEE GA	9	11.6	7	10.8	7	8.5	-7	-21	-27	19	43
COLQUITT GA	7	5.3	8	6.8	10	8.2	28	20	54	74	39
COLUMBIA GA	1	5.9	1	1.2	7	9.3	-79	646	57	75	54
COOK GA	1	2.1	2	4.4	3	5.6	111	27	167	92	15
COWETA GA	10	13.6	10	11.1	12	10.6	-19	-4	-22	22	69
CRAWFORD GA			1	12.6	1	7.3		-42			29
CRISP GA	2	6.0	4	8.6	2	3.7	42	-57	-38	12	07
DADE GA	3	16.4	4	13.3	3	6.5	-19	-51	-61	04	21
DAWSON GA	1	8.0	1	5.9	1	6.1	-26	3	-25	20	18
DECATUR GA	2	3.0	3	5.6	2	3.3	86	-42	9	48	06
DE KALB GA	54	9.0	85	8.3	129*	10.9	-8	31	20	57	72
DODGE GA	4	8.6	9	17.4	2	3.4	102	-80	-60	04	06
DOOLY GA	2	7.4	3	12.1	3	10.1	65	-17	37	66	64
DOUGHERTY GA	10	9.1	14	9.2	13	6.2	1	-32	-32	16	19
DOUGLAS GA	3	4.5	2	2.5	14	12.3	-45	395	173	92	82
EARLY GA	3	8.7	3	8.6	5	13.0	0	51	50	72	86
ECHOLS GA	2*	29.8	1	13.7			-54				
EFFINGHAM GA	1	4.9	1	2.1	2	4.7	-57	122	-4	37	11
ELBERT GA	6	13.8	10*	18.7	10	14.8	35	-21	7	47	92
EMANUEL GA	3	4.8	2	2.9	6	10.1	-40	254	112	86	65
EVANS GA	2	14.6	4	24.2	4	16.0	66	-34	10	49	94
FANNIN GA	8	11.3	4	6.1	9	11.2	-46	82	-1	39	75
FAYETTE GA	2	6.6	4	13.8	6	9.2	110	-34	39	67	53
FLOYD GA	16	8.1	30	12.4	24	8.0	53	-36	-2	38	36
FORSYTH GA	1	2.4	4	8.7	3	2.7	259	-69	11	50	05
FRANKLIN GA	2	3.3	5	9.5	5	7.9	191	-17	140	90	35
FULTON GA	145*	10.4	128	8.3	130	9.1	-20	9	-12	28	52
GILMER GA			10*	23.5	5	11.2		-52			75
GLASCOCK GA	2	16.6	1	9.2			-44				
GLYNN GA	12	13.4	8	7.9	10	6.7	-41	-15	-50	08	24
GORDON GA	9	9.7	2	2.2	6	5.8	-78	170	-40	12	16
GRADY GA	2	3.2	3	5.0	7	11.4	60	125	259	96	76
GREENE GA	5	16.9	4	13.1	3	7.9	-22	-40	-53	06	35
GWINNETT GA	13	9.4	20	9.6	32	8.6	2	-11	-9	31	45
HABERSHAM GA	6	9.0	11	14.0	6	5.5	56	-61	-39	12	14
HALL GA	12	7.1	14	7.7	24	10.0	8	31	41	68	63
HANCOCK GA	1	7.1	1	7.9			12				
HARALSON GA	6	11.4	3	5.1	6	7.6	-56	50	-33	15	32
HARRIS GA	3	11.1	3	10.0	5	9.8	-10	-1	-11	30	61
HART GA	5	10.1	9	16.2	5	10.2	60	-37	1	42	65
HEARD GA	1	4.7	2	7.3	4	16.2	56	121	244	95	94
HENRY GA	4	9.8	4	6.4	8	8.8	-35	37	-11	30	47
HOUSTON GA	6	5.3	9	5.9	13	7.0	11	18	31	64	26
IRWIN GA			5	19.0	3	8.2		-57			40
JACKSON GA	7	8.2	4	5.3	9	9.3	-36	78	14	52	55
JASPER GA	2	10.2	2	10.3	1	3.7	2	-64	-63	03	07
JEFF DAVIS GA	3	6.0	6*	20.0	5	12.3	233	-39	104	85	82
JEFFERSON GA	5	14.3	1	2.7	6	17.3	-81	552	21	57	96
JENKINS GA					2	8.2					39
JOHNSON GA	1	4.1	2	7.4	4	12.7	83	72	214	94	85
JONES GA	1	5.1	2	6.5			26				
LAMAR GA	2	7.4	4	16.7	1	3.9	124	-77	-47	09	08
LANIER GA			1	6.0	2	9.8		63			61
LAURENS GA	1	.9	9	9.9	6	5.0	956	-50	430	98	12
LEE GA	1	37.2	1	6.7	1	5.1	-82	-25	-86	00	12
LIBERTY GA	1	6.3	1	3.1	2	2.2	-51	-27	-64	03	04
LINCOLN GA	1	6.4	2	13.6	1	6.3	114	-54	-1	39	20
LONG GA			2	16.5							
LOWNDES GA	3	2.4	20*	14.2	14	10.7	484	-25	340	97	70
LUMPKIN GA	2	3.8	3	8.6	5	12.8	125	49	235	95	85
MC DUFFIE GA	2	9.4	1	3.2	5	11.9	-66	267	26	61	80
MC INTOSH GA			1	4.8							
MACON GA	2	10.7	2	7.2	4	12.6	-33	76	18	55	84
MADISON GA	3	6.5	5	10.4	8	13.2	60	27	103	85	87
MARION GA			1	9.9	3	20.1		104			98
MERIWETHER GA	4	10.7	9*	18.1	3	5.6	70	-69	-48	09	15
MILLER GA	3	10.4	1	3.4	1	2.8	-68	-16	-73	01	05
MITCHELL GA	6	13.6	5	13.6			0				
MONROE GA	3	11.5	2	7.1	5	16.2	-38	127	41	68	94
MONTGOMERY GA	1	5.2	1	4.5	2	9.6	-14	114	84	81	59
MORGAN GA			1	3.4	1	3.6		7			06
MURRAY GA	3	9.1	5	9.5	11*	17.5	4	85	92	83	96
MUSCOGEE#GA	22	7.2	53	14.3	35	8.4	97	-41	16	53	42
NEWTON GA	5	7.6	9	12.4	4	4.5	62	-63	-41	11	10
OCONEE GA	3	11.6	4	14.2	3	9.1	22	-36	-22	22	51
OGLETHORPE GA	1	6.8			2	6.5			-4	37	22
PAULDING GA	3	6.3	8	12.4	6	6.1	96	-51	-4	37	19
PEACH GA	1	5.3	2	6.8	3	9.6	28	43	83	81	59
PICKENS GA	5	11.6	4	10.1	7	14.3	-13	42	23	59	91
PIERCE GA	3	8.7	3	8.7	1	2.7	-1	-68	-69	02	05
PIKE GA			3	13.6	1	3.3		-76			06
POLK GA	8	7.2	10	9.8	10	7.9	36	-20	9	48	35
PULASKI GA	2	8.0	1	3.4	5	19.5	-57	473	145	90	97
PUTNAM GA	2	11.9	2	11.8	2	7.2	-1	-39	-39	12	28
RABUN GA	2	4.7	5	13.6	2	3.7	190	-73	-21	22	07

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1	5.7	1	6.2	4	15.1	RANDOLPH GA	8	144	164	91	93
24	9.2	30	8.5	38	9.3	RICHMOND GA	-8	10	1	42	55
3	8.1	4	9.4	4	5.5	ROCKDALE GA	17	-42	-33	15	14
1	28.1	1	11.9			SCHLEY GA	-58				
		6	18.0	2	5.7	SCREVEN GA		-68			16
1	3.5					SEMINOLE GA					
6	5.9	8	7.8	17	12.5	SPALDING GA	33	60	114	87	84
3	4.5	9	14.8	6	7.5	STEPHENS GA	227	-49	66	77	31
2	14.4	1	7.3			STEWART GA	-50				
2	4.8	6	10.1	6	8.8	SUMTER GA	110	-13	82	81	48
				1	13.4	TALBOT GA					88
1	8.9			1	10.5	TALIAFERRO GA			17	54	68
2	3.5	2	3.5	4	8.9	TATTNALL GA	0	153	153	91	49
2	8.8	2	8.7	1	5.9	TAYLOR GA	-2	-32	-33	15	17
5	11.9	5	14.7	4	11.0	TELFAIR GA	23	-25	-8	33	73
1	4.1	3	13.8	4	14.9	TERRELL GA	233	8	259	96	92
5	4.9	8	8.0	9	8.6	THOMAS GA	63	8	77	80	45
5	9.6	6	8.6	7	9.0	TIFT GA	-11	5	-7	34	50
4	10.9	8	16.2	8	11.3	TOOMBS GA	50	-30	4	44	75
4	15.9	3	12.3	3	8.9	TOWNS GA	-22	-28	-44	10	50
1	3.7			1	3.5	TREUTLEN GA			-7	34	06
11	7.3	9	6.2	13	9.3	TROUP GA	-15	50	26	61	54
1	4.6	4	17.0	1	2.8	TURNER GA	270	-83	-39	12	05
1	7.0	1	6.2			TWIGGS GA	-12				
2	5.4	3	8.3	4	9.2	UNION GA	55	10	71	79	53
12*	15.3	4	4.6	8	9.7	UPSON GA	-70	108	-37	13	59
22*	13.6	18	9.6	18	7.9	WALKER GA	-30	-17	-42	11	36
2	2.8	4	5.9	4	4.2	WALTON GA	113	-29	51	72	08
12	14.5	7	5.4	16	13.3	WARE GA	-62	145	-8	33	88
1	6.3	2	16.5	3	15.5	WARREN GA	161	-6	145	90	93
3	6.7	2	5.2	6	12.5	WASHINGTON GA	-22	142	88	82	84
5	16.4	4	8.0	5	7.4	WAYNE GA	-51	-7	-55	06	30
2*	26.4			1	14.0	WEBSTER GA			-47	09	90
1	7.5	2	10.4	1	4.6	WHEELER GA	39	-56	-39	12	10
2	8.6	2	6.0	5	12.4	WHITE GA	-30	106	44	70	83
12	7.3	16	10.4	19	9.0	WHITFIELD GA	42	-13	23	59	50
		4	12.7	1	3.3	WILCOX GA		-74			06
		2	6.1	3	10.2	WILKES GA		68			65
3	12.0	2	11.5	1	3.8	WILKINSON GA	-4	-67	-69	02	07
3	13.8	4	9.2	4	7.3	WORTH GA	-33	-21	-47	09	29
		54	8.0	64	6.6	HAWAII HI		-17			
		7	11.2	8	9.2	HAWAII HI		-18			54
		41	7.4	47	6.3	HONOLULU HI		-15			20
		5	20.0	5	13.2	KAUAI HI		-34			87
		1	1.9	4	4.5	MAUI#HI		135			10
256	8.8	328	10.2	322	8.9	IDAHO ID	16	-13	0		
34	9.3	62*	14.0	39	7.0	ADA ID	50	-50	-25	20	26
		3	17.4	2	13.1	ADAMS ID		-24			87
15	9.4	24	13.3	19	8.5	BANNOCK ID	41	-36	-10	31	43
1	3.1	4	11.8			BEAR LAKE ID	283				
2	4.7	4	10.6	3	7.4	BENEWAH ID	126	-30	58	75	30
13	14.7	10	8.6	9	7.3	BINGHAM ID	-42	-15	-50	07	29
		1	3.1	1	3.2	BLAINE ID		3			06
5	5.5	10	10.3	13	12.4	BONNER ID	88	20	126	88	83
15	10.7	13	6.4	28*	12.9	BONNEVILLE ID	-40	102	21	57	86
2	7.0	1	3.5	3	11.2	BOUNDARY ID	-50	221	60	76	74
				2	11.3	BUTTE ID					76
1	22.8	2*	50.4	1	15.7	CAMAS ID	121	-69	-31	16	94
32	11.4	44*	14.2	40	11.4	CANYON ID	25	-20	0	40	76
1	2.0	3	10.3	2	6.0	CARIBOU ID	409	-42	197	93	18
4	6.7	10	14.8	5	6.2	CASSIA ID	120	-58	-7	33	19
				2*	64.1	CLARK ID					99
6	13.1	1	2.4	2	3.4	CLEARWATER ID	-82	42	-74	01	06
		2	15.0	3	17.0	CUSTER ID		13			95
7	17.7	4	7.1	3	5.6	ELMORE ID	-60	-22	-69	02	15
6	13.5	1	2.6	5	10.2	FRANKLIN ID	-81	296	-24	21	65
1	1.9	6	13.4	3	8.2	FREMONT ID	610	-39	335	97	39
6	13.2	2	3.9	7	11.8	GEM ID	-71	203	-11	30	79
1	1.9	6	10.5	2	3.0	GOODING ID	442	-72	54	73	05
4	6.4	8	12.0	4	6.1	IDAHO ID	87	-50	-6	35	18
4	7.8	6	11.2	5	8.7	JEFFERSON ID	43	-23	10	49	46
6	10.9	4	7.0	3	4.7	JEROME ID	-36	-32	-57	05	11
9	5.9	13	7.6	28	12.6	KOOTENAI ID	28	66	113	87	84
8	9.0	6	6.0	9	8.9	LATAH ID	-33	48	-1	39	49
4	14.0	4	12.0	4	10.7	LEMHI ID	-14	-11	-24	21	70
2	8.7			4	19.8	LEWIS ID			129	88	97
3	14.4	3	15.8	1	5.7	LINCOLN ID	10	-64	-60	04	16
4	10.0	3	5.1	7	15.4	MADISON ID	-49	202	55	74	93
3	6.7	6	9.1	1	1.5	MINIDOKA ID	37	-84	-78	01	03
16	12.5	13	9.4	14	9.2	NEZ PERCE ID	-24	-3	-27	19	53
1	5.1	1	5.7			ONEIDA ID	11				
6*	20.5	3	9.1	3	8.5	OWYHEE ID	-56	-6	-58	05	44
6	10.1	8	11.4	4	4.4	PAYETTE ID	13	-62	-57	05	09
1	6.8			2	8.7	POWER ID			28	62	47
9	9.7	8	9.2	8	10.4	SHOSHONE ID	-6	13	7	46	67
		2	14.2	3	33.3	TETON ID		135			99
13	6.9	24	11.5	20	8.0	TWIN FALLS ID	66	-31	15	52	36
2	9.0			3	17.1	VALLEY ID			90	83	95
3	8.7	3	7.4	5	7.5	WASHINGTON ID	-15	2	-13	27	31
3517	8.6	4286*	9.9	4193*	9.5	ILLINOIS IL	14	-4	10		
31	8.6	38	10.0	39	10.1	ADAMS IL	16	2	18	55	64
6	9.4	8	15.0	6	9.4	ALEXANDER IL	60	-37	1	41	56
9	9.9	10	11.3	5	5.2	BOND IL	14	-54	-48	08	13
3	3.1	11	11.1	9	8.6	BOONE IL	261	-22	181	93	46
9*	21.4	5	9.8	7	17.8	BROWN IL	-54	82	-17	26	96

SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
21	9.7	22	10.4	20	9.3	BUREAU IL	8	-11	-4	37	55
4	9.4	3	8.3	6	13.9	CALHOUN IL	-11	68	48	72	90
10	8.9	10	9.0	12	10.4	CARROLL IL	1	15	16	54	67
10	10.7	12	15.8	9	10.3	CASS IL	48	-35	-3	37	67
32	8.4	44	9.8	36	8.1	CHAMPAIGN IL	17	-17	-4	37	37
19	8.9	19	8.9	19	8.9	CHRISTIAN IL	0	0	0	40	49
4	4.0	8	7.3	5	5.2	CLARK IL	81	-28	30	63	13
1	1.2	12	14.3	7	8.0	CLAY IL	1103	-44	573	99	37
14	10.8	18	13.9	14	10.0	CLINTON IL	29	-28	-7	34	63
14	6.7	24	11.1	17	7.9	COLES IL	66	-29	18	55	36
1641	8.6	1891	9.6	1766*	9.5	COOK IL	11	-1	10	49	57
5	3.9	10	9.3	9	7.6	CRAWFORD IL	138	-18	95	84	32
6	11.2	6	11.1	6	10.6	CUMBERLAND IL	-1	-4	-6	35	69
23	10.7	20	8.0	22	8.8	DE KALB IL	-25	10	-18	25	48
12	12.7	6	5.9	12	12.6	DE WITT IL	-53	112	-1	40	84
6	6.7	13	12.9	8	8.1	DOUGLAS IL	92	-37	20	57	38
77	8.1	131	9.3	173	9.6	DU PAGE IL	14	4	19	56	59
11	8.2	12	9.5	13	10.6	EDGAR IL	16	11	28	63	69
4	9.1	6	15.5	6	14.0	EDWARDS IL	71	-9	55	74	90
8	6.8	8	6.5	12	9.1	EFFINGHAM IL	-4	40	34	65	52
9	6.2	19	14.1	8	6.2	FAYETTE IL	126	-56	-1	39	19
9	10.4	9	10.0	12	13.2	FORD IL	-4	32	27	62	87
21	8.0	27	10.7	28	9.7	FRANKLIN IL	33	-9	21	58	60
19	8.2	35*	14.7	19	7.7	FULTON IL	80	-47	-5	36	34
4	7.7	8	17.9	6	12.3	GALLATIN IL	133	-31	61	76	82
11	9.8	21*	20.2	7	7.3	GREENE IL	106	-64	-26	20	29
5	4.7	11	9.0	11	8.1	GRUNDY IL	92	-10	72	79	38
6	9.4	10	15.1	4	6.6	HAMILTON IL	60	-56	-30	17	22
14	9.9	17	12.1	17	12.6	HANCOCK IL	22	4	27	62	84
2	5.8	4	13.1	2	5.1	HARDIN IL	124	-61	-13	28	12
8*	16.8	5	10.7	8	16.4	HENDERSON IL	-36	53	-2	38	95
22	8.7	29	11.2	25	8.5	HENRY IL	28	-24	-2	38	44
14	7.8	9	4.9	16	8.6	IROQUOIS IL	-37	75	10	49	45
16	8.6	17	8.3	19	9.1	JACKSON IL	-3	10	6	46	52
6	9.0	3	4.0	2	3.0	JASPER IL	-55	-26	-67	03	05
12	7.6	19	10.0	28*	14.9	JEFFERSON IL	33	48	97	84	92
9	10.6	12	13.4	9	9.9	JERSEY IL	26	-26	-7	34	62
12	9.9	17	13.7	23*	19.8	JO DAVIESS IL	39	44	100	85	97
1	2.7	4	10.5	4	8.2	JOHNSON IL	283	-21	202	94	40
71	8.6	96	10.0	99	10.0	KANE IL	17	0	17	54	63
24	6.0	22	5.0	35	8.6	KANKAKEE IL	-16	70	43	69	44
6	9.0	10	12.9	12	10.6	KENDALL IL	43	-18	17	54	69
24	8.3	31	9.7	33	10.3	KNOX IL	17	6	24	60	67
77	8.4	111	9.4	109	8.1	LAKE IL	11	-13	-3	37	38
40	7.3	59	10.5	66	11.7	LA SALLE IL	43	12	61	76	79
9	8.2	8	7.4	8	7.6	LAWRENCE IL	-10	2	-8	33	32
22	12.2	21	11.1	20	11.2	LEE IL	-8	1	-7	33	75
11	5.7	17	7.7	18	8.6	LIVINGSTON IL	35	12	51	72	44
13	8.7	13	7.8	15	8.6	LOGAN IL	-10	11	0	40	46
15	9.6	20	13.2	12	7.9	MC DONOUGH IL	38	-41	-18	24	35
31	9.7	34	7.9	50	9.4	MC HENRY IL	-19	19	-3	37	56
36	9.5	37	8.8	39	8.9	MC LEAN IL	-7	1	-6	35	49
48	10.6	50	9.4	42	7.7	MACON IL	-11	-18	-27	19	34
33*	12.1	27	9.7	24	8.3	MACOUPIN IL	-20	-15	-32	16	40
84	10.0	92	9.3	116	11.0	MADISON IL	-7	18	10	49	73
23	10.7	19	9.1	17	7.8	MARION IL	-15	-15	-27	19	34
11	14.9	5	6.7	10	13.4	MARSHALL IL	-55	99	-10	30	88
12	13.8	12	13.4	19*	17.9	MASON IL	-3	33	30	63	96
3	4.3	8	11.0	9	11.4	MASSAC IL	154	4	163	91	77
4	7.5	3	6.0	2	3.1	MENARD IL	-20	-48	-58	04	05
7	6.4	13	14.7	10	9.9	MERCER IL	131	-33	55	74	62
5	6.6	16*	18.0	14	14.4	MONROE IL	172	-20	117	87	91
23	11.0	29*	16.4	23	12.3	MONTGOMERY IL	49	-25	12	51	82
15	7.4	16	7.9	14	7.8	MORGAN IL	6	-1	5	45	35
6	8.1	6	6.1	6	8.9	MOULTRIE IL	-25	45	9	48	48
19	10.5	21	10.3	14	7.0	OGLE IL	-2	-32	-34	14	25
64	8.2	71	8.6	69	8.2	PEORIA IL	5	-5	0	41	40
11	10.1	9	7.2	9	8.0	PERRY IL	-29	11	-21	23	36
6	8.0	14*	16.7	7	8.5	PIATT IL	110	-49	7	46	44
6	4.2	14	10.9	6	5.9	PIKE IL	160	-46	40	68	17
1	2.6	1	3.1	3	9.7	POPE IL	21	211	277	96	60
5	11.2	2	4.5	6	14.6	PULASKI IL	-60	227	31	64	92
		4	15.0	5	17.5	PUTNAM IL		17			96
5	2.9	10	5.7	18	10.0	RANDOLPH IL	97	76	246	95	63
5	6.3	13	14.8	9	9.6	RICHLAND IL	134	-35	51	72	58
63	9.3	85	11.7	80	11.2	ROCK ISLAND IL	25	-4	21	57	75
92	10.2	95	9.5	90	9.5	ST CLAIR IL	-8	1	-7	34	57
14	7.4	16	10.1	26*	14.4	SALINE IL	37	43	95	84	91
53	8.6	74	10.7	67	9.4	SANGAMON IL	24	-12	9	48	56
3	4.7	7	11.7	3	4.3	SCHUYLER IL	149	-63	-8	33	09
		3	6.5	1	2.3	SCOTT IL		-64			04
13	8.8	20	14.6	12	8.7	SHELBY IL	66	-40	0	40	47
3	6.7	2	4.5	3	6.4	STARK IL	-33	43	-4	36	21
17	7.5	33*	14.3	28	11.8	STEPHENSON IL	91	-18	57	75	79
30	8.6	47	10.7	53	10.5	TAZEWELL IL	24	-2	22	58	69
6	4.9	8	7.4	10	8.8	UNION IL	51	20	81	81	48
47	10.6	48	10.1	54	12.0	VERMILION IL	-5	19	14	52	81
12*	15.9	9	11.7	10	14.0	WABASH IL	-27	20	-12	29	90
6	5.0	9	8.1	14	11.4	WARREN IL	63	41	130	88	77
2	2.7	10	9.7	11	11.6	WASHINGTON IL	255	20	328	97	78
11	10.5	9	9.0	12	10.8	WAYNE IL	-14	20	3	43	72
10	9.7	13	11.2	9	9.0	WHITE IL	16	-20	-7	34	50
26	10.1	31	11.1	44*	14.6	WHITESIDE IL	10	32	45	70	92
56	7.8	77	9.5	89	9.4	WILL IL	21	-1	20	56	56
25	9.4	29	11.2	25	8.8	WILLIAMSON IL	18	-21	-7	34	47
65	8.2	94	10.4	82	8.3	WINNEBAGO IL	27	-21	0	41	40
8	6.5	10	7.2	16	11.0	WOODFORD IL	11	52	69	78	73
1589	8.2	1997	9.6	2110*	9.8	INDIANA IN	17	1	19		
13	12.0	12	10.3	8	6.7	ADAMS IN	-14	-35	-45	10	23

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
65	6.8	118*	11.9	99	9.5	ALLEN	IN	74	-20	39	67	57
15	8.3	27	12.6	28	11.9	BARTHOLOMEW	IN	52	-6	43	69	80
4	6.0	8	14.6	7	12.2	BENTON	IN	141	-17	101	85	82
5	7.1	10	13.1	5	6.5	BLACKFORD	IN	85	-51	-8	33	22
16	11.8	11	7.8	17	10.9	BOONE	IN	-34	40	-8	33	72
1	3.1	2	4.1	3	5.9	BROWN	IN	34	43	92	83	17
6	6.6	9	9.7	7	7.3	CARROLL	IN	46	-24	10	50	29
23	10.2	20	9.5	16	8.1	CASS	IN	-7	-14	-20	23	38
19	7.8	30	12.9	32	10.1	CLARK	IN	66	-22	30	63	64
12	8.9	17	11.7	16	11.1	CLAY	IN	32	-5	25	60	74
8	5.4	14	8.7	14	9.0	CLINTON	IN	61	4	68	78	51
2	4.8	5	9.8	3	5.4	CRAWFORD	IN	106	-44	15	52	14
12	9.9	10	7.4	12	8.6	DAVIESS	IN	-25	15	-14	27	44
7	4.9	19	13.4	10	7.2	DEARBORN	IN	170	-46	45	70	27
7	6.1	7	6.4	16	13.5	DECATUR	IN	4	111	120	87	88
13	9.2	14	9.6	14	9.6	DE KALB	IN	5	0	4	44	59
49	12.5	46	10.0	36	7.7	DELAWARE	IN	-20	-23	-38	12	34
12	9.8	12	8.8	13	8.7	DUBOIS	IN	-10	-2	-12	29	46
44	10.2	45	9.6	56	10.5	ELKHART	IN	-6	9	3	43	69
7	5.8	10	9.0	12	10.5	FAYETTE	IN	56	16	82	81	69
16	7.5	24	10.7	31	12.4	FLOYD	IN	42	16	64	77	83
6	7.3	11	10.5	2	2.1	FOUNTAIN	IN	43	-80	-71	02	04
8	9.7	8	9.7	11	12.6	FRANKLIN	IN	1	29	30	63	84
8	7.7	10	10.2	10	9.4	FULTON	IN	32	-8	22	58	56
13	7.5	13	8.1	24*	14.6	GIBSON	IN	9	79	94	84	92
18	5.6	25	7.2	34	9.6	GRANT	IN	30	32	72	79	58
11	6.2	13	8.3	19	10.6	GREENE	IN	33	28	71	79	69
15	8.9	17	8.1	26	9.5	HAMILTON	IN	-9	18	7	47	58
15	12.4	8	5.9	15	9.7	HANCOCK	IN	-52	64	-22	22	60
8	8.5	15	14.3	9	8.1	HARRISON	IN	68	-43	-5	36	38
14	9.3	15	8.3	21	10.5	HENDRICKS	IN	-10	26	13	51	68
13	5.9	27	11.4	16	6.5	HENRY	IN	95	-43	11	50	22
19	7.0	32	10.6	36	10.8	HOWARD	IN	51	2	54	74	71
17	10.1	21	12.3	20	11.6	HUNTINGTON	IN	22	-6	15	53	78
12	8.4	17	11.2	15	9.2	JACKSON	IN	33	-18	9	48	53
6	6.5	5	5.1	11	11.5	JASPER	IN	-22	127	78	80	77
12	9.3	6	5.2	12	10.2	JAY	IN	-44	97	10	49	65
13	10.5	7	5.6	14	10.8	JEFFERSON	IN	-46	91	3	43	71
4	4.9	6	6.8	9	10.8	JENNINGS	IN	40	58	122	88	71
16	10.8	25	13.2	27	10.7	JOHNSON	IN	23	-19	0	40	70
19	8.2	25	11.0	24	10.6	KNOX	IN	35	-4	30	63	69
14	7.4	21	10.2	16	6.4	KOSCIUSKO	IN	39	-37	-13	28	21
7	8.7	11	12.7	9	8.8	LAGRANGE	IN	46	-31	1	42	47
129	7.9	151	8.1	171	10.3	LAKE	IN	2	28	31	64	67
31	7.2	46	11.1	48	10.8	LA PORTE	IN	54	-2	50	72	71
13	7.2	13	7.1	24	12.1	LAWRENCE	IN	-2	71	69	78	81
39	7.9	49	8.9	53	10.0	MADISON	IN	13	12	26	61	63
189	7.8	239	9.2	257	10.1	MARION	IN	18	10	29	63	64
10	6.5	24*	14.9	24	13.5	MARSHALL	IN	129	-9	108	86	88
3	5.6	4	7.7	6	11.3	MARTIN	IN	37	48	103	85	76
10	6.1	16	9.5	13	8.0	MIAMI	IN	54	-15	31	64	37
16	8.1	25	11.1	21	6.3	MONROE	IN	38	-43	-22	22	20
13	8.5	18	10.9	21	12.1	MONTGOMERY	IN	29	11	43	69	81
6	4.5	15	9.5	17	9.1	MORGAN	IN	113	-4	104	85	52
1	1.6	5	8.2	7	10.3	NEWTON	IN	398	26	526	99	66
6	4.1	8	5.2	9	5.8	NOBLE	IN	26	13	43	69	16
4	19.1	5	19.8	3	12.6	OHIO	IN	4	-36	-34	14	84
9	9.8	8	8.2	5	5.9	ORANGE	IN	-17	-28	-40	11	17
4	5.2	5	6.3	10	13.6	OWEN	IN	20	116	159	91	89
7	8.4	11	11.9	5	5.8	PARKE	IN	41	-52	-32	16	16
10	12.1	8	8.5	10	10.1	PERRY	IN	-30	18	-17	25	64
10	12.7	6	8.7	8	10.3	PIKE	IN	-31	17	-19	23	66
24	10.9	24	8.2	25	6.6	PORTER	IN	-24	-20	-40	12	22
10	10.0	8	7.6	5	4.5	POSEY	IN	-24	-41	-55	06	10
7	11.1	3	4.3	3	4.0	PULASKI	IN	-61	-8	-64	03	08
11	8.8	9	7.2	14	9.7	PUTNAM	IN	-18	34	10	49	60
13	9.3	8	5.4	19	13.2	RANDOLPH	IN	-42	143	42	69	87
15	13.2	9	8.6	10	8.1	RIPLEY	IN	-35	-5	-39	12	38
2	1.7	12	10.6	13	11.8	RUSH	IN	539	11	611	99	79
86	9.8	102	10.0	106	10.1	ST JOSEPH	IN	2	1	3	44	64
2	3.3	11	14.0	9	10.3	SCOTT	IN	329	-26	216	94	66
14	8.9	17	10.3	10	5.9	SHELBY	IN	16	-43	-34	14	17
5	5.1	13	14.3	6	5.5	SPENCER	IN	180	-61	8	47	14
5	5.2	7	7.0	12	12.0	STARKE	IN	35	71	131	88	81
5	4.8	20*	21.5	10	9.9	STEUBEN	IN	345	-54	104	85	61
14	10.4	12	8.2	11	9.7	SULLIVAN	IN	-21	18	7	34	60
3	7.1	3	7.6	6	15.8	SWITZERLAND	IN	8	107	124	88	94
30	9.7	28	7.9	41	11.1	TIPPECANOE	IN	-19	41	15	53	74
8	10.2	8	9.6	9	10.5	TIPTON	IN	-6	8	2	43	68
1	3.1	3	8.8	2	5.5	UNION	IN	185	-37	78	80	14
57	8.3	72	10.2	71	9.5	VANDERBURGH	IN	23	-7	14	52	57
11	8.7	16	15.8	9	10.0	VERMILLION	IN	82	-37	15	52	62
45	8.6	51	9.8	48	9.3	VIGO	IN	15	-5	9	48	55
17	11.1	13	8.4	19	11.8	WABASH	IN	-25	41	6	45	79
3	6.2	3	6.4	3	6.7	WARREN	IN	3	5	8	47	23
9	8.2	10	7.9	13	9.3	WARRICK	IN	-4	18	14	52	55
12	13.1	11	12.2	18*	16.3	WASHINGTON	IN	-7	34	24	60	95
24	7.3	30	8.6	44*	12.7	WAYNE	IN	18	47	74	80	85
8	7.3	8	7.4	4	3.4	WELLS	IN	1	-54	-53	07	06
8	7.7	15	14.4	9	7.7	WHITE	IN	86	-47	-1	39	33
6	5.7	7	6.6	14	12.4	WHITLEY	IN	15	89	117	87	83
1286*	9.4	1472*	10.3	1410*	9.7	IOWA	IA	10	-6	3		
8	10.8	1	1.5	8	11.5	ADAIR	IA	-87	691	6	46	77
4	9.9	9*	20.7	4	9.9	ADAMS	IA	110	-52	0	40	61
8	8.2	10	11.4	13	13.2	ALLAMAKEE	IA	40	16	62	76	87
12	11.2	15	15.0	11	11.9	APPANOOSE	IA	34	-21	7	46	80
7	10.9	3	4.4	6	11.7	AUDUBON	IA	-60	167	8	47	79
11	9.1	6	4.7	10	8.3	BENTON	IA	-49	79	-8	33	41
55	11.5	60	11.6	48	8.8	BLACK HAWK	IA	1	-24	-23	21	48

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
18	10.7	18	11.6	15	9.2	BOONE	IA	9	-21	-14	27	53
7	6.7	10	8.5	10	8.4	BREMER	IA	28	-1	27	62	43
7	6.0	6	5.3	14	12.7	BUCHANAN	IA	-12	140	111	86	85
11	9.3	13	11.1	11	8.8	BUENA VISTA	IA	19	-21	-6	35	47
8	8.8	8	7.7	11	11.4	BUTLER	IA	-13	48	29	63	76
10	10.6	14	16.4	9	8.5	CALHOUN	IA	55	-48	-19	23	43
13	11.4	9	7.9	18	14.1	CARROLL	IA	-31	80	24	59	90
13	12.2	10	8.3	14	12.7	CASS	IA	-31	53	5	45	85
10	9.6	12	11.4	15	13.8	CEDAR	IA	19	21	44	70	89
24	10.7	29	11.5	30	11.5	CERRO GORDO	IA	8	0	7	47	77
13	14.2	7	7.3	9	9.6	CHEROKEE	IA	-49	32	-33	15	58
6	7.8	8	9.4	6	7.8	CHICKASAW	IA	21	-17	1	41	35
3	6.0	8	14.8	3	5.3	CLARKE	IA	148	-64	-11	30	13
9	11.0	12	12.8	8	7.2	CLAY	IA	17	-44	-35	14	27
14	10.8	12	9.0	14	10.7	CLAYTON	IA	-16	19	-1	40	71
26	11.1	32	11.6	29	10.3	CLINTON	IA	4	-11	-7	34	67
9	8.0	12	12.8	10	8.9	CRAWFORD	IA	60	-31	11	50	48
13	9.8	20	14.2	20	13.9	DALLAS	IA	46	-3	42	69	89
5	8.7	4	6.7	5	9.7	DAVIS	IA	-23	44	11	50	60
10	13.7	7	10.7	7	9.0	DECATUR	IA	-22	-16	-34	14	50
7	8.2	9	8.5	7	7.7	DELAWARE	IA	3	-9	-7	34	33
30*	13.9	31	13.3	23	9.4	DES MOINES	IA	-5	-29	-32	15	56
4	7.4	5	9.0	14*	17.2	DICKINSON	IA	22	91	133	89	96
38	11.0	47	13.3	34	8.9	DUBUQUE	IA	22	-34	-19	24	49
10	14.1	5	6.3	9	11.8	EMMET	IA	-55	89	-16	26	79
11	7.5	12	7.3	15	8.9	FAYETTE	IA	-2	22	19	55	49
7	5.9	11	10.6	18*	15.9	FLOYD	IA	80	50	170	92	94
5	6.3	4	5.6	7	11.5	FRANKLIN	IA	-11	105	82	81	77
5	6.9	10	15.9	7	11.5	FREMONT	IA	132	-28	67	77	77
11	13.5	12	14.9	9	12.3	GREENE	IA	10	-17	-9	32	82
6	9.7	9	11.6	6	7.8	GRUNDY	IA	20	-33	-19	24	35
10	12.3	3	3.7	9	10.9	GUTHRIE	IA	-70	194	-11	29	73
8	7.9	20*	20.1	9	9.1	HAMILTON	IA	153	-55	15	52	52
6	8.3	5	5.9	8	9.1	HANCOCK	IA	-29	54	10	49	52
4	2.9	13	10.7	10	7.9	HARDIN	IA	265	-26	169	92	35
10	10.0	7	6.5	14	14.9	HARRISON	IA	-35	129	50	72	92
11	9.2	17*	15.1	16*	15.5	HENRY	IA	64	3	68	78	93
6	8.3	8	10.0	11	13.5	HOWARD	IA	20	35	62	76	88
11*	17.5	8	10.6	12*	17.1	HUMBOLDT	IA	-40	62	-2	38	95
4	6.2	8	12.3	5	9.1	IDA	IA	98	-26	45	70	51
5	6.1	14*	16.5	16*	18.7	IOWA	IA	172	14	209	94	97
11	10.3	17	14.6	10	7.9	JACKSON	IA	41	-46	-23	21	36
15	8.4	21	11.8	18	9.9	JASPER	IA	41	-16	18	55	62
10	10.6	14	15.7	6	7.2	JEFFERSON	IA	48	-54	-33	15	28
22	11.8	25	11.1	14	5.3	JOHNSON	IA	-6	-52	-55	06	13
4	3.7	10	9.6	8	7.5	JONES	IA	157	-22	101	85	31
14	13.5	15	14.9	10	11.9	KEOKUK	IA	10	-20	-12	29	80
7	5.7	16	12.4	12	9.0	KOSSUTH	IA	117	-27	57	75	50
21	9.2	19	9.0	19	9.1	LEE	IA	-2	1	-1	39	52
61	11.1	56	8.7	57	8.5	LINN	IA	-22	-2	-23	21	43
2	3.2	5	8.1	6	10.7	LOUISA	IA	153	32	235	95	71
5	6.6	9	12.7	7	8.9	LUCAS	IA	92	-30	35	66	49
5	8.1	6	7.5	4	6.2	LYON	IA	-8	-16	-23	21	20
11	15.8	4	4.3	5	6.0	MADISON	IA	-73	40	-62	04	18
13	9.9	10	6.6	11	7.0	MAHASKA	IA	-34	7	-29	17	26
12	7.1	12	6.7	14	9.0	MARION	IA	-7	35	27	61	51
14	7.9	31*	15.1	21	9.7	MARSHALL	IA	90	-36	22	58	60
2	2.9	3	4.3	6	9.7	MILLS	IA	49	126	236	95	59
10	12.0	14*	17.1	6	7.5	MITCHELL	IA	42	-56	-38	13	30
10	12.2	14*	18.5	6	6.3	MONONA	IA	51	-66	-49	08	20
7	10.7	6	9.6	2	3.7	MONROE	IA	-11	-61	-65	03	07
6	6.0	4	4.3	5	5.1	MONTGOMERY	IA	-28	18	-15	26	12
9	4.9	21	11.3	21	11.2	MUSCATINE	IA	131	0	130	88	75
11	10.6	13	12.4	15	11.9	O'BRIEN	IA	17	-4	12	51	80
4	7.0	2	3.3	4	8.2	OSCEOLA	IA	-53	150	18	54	39
12	8.6	12	9.8	16	11.8	PAGE	IA	13	20	36	66	79
4	5.1	9	10.8	6	8.1	PALO ALTO	IA	112	-25	60	76	39
9	7.9	17	13.5	16	12.1	PLYMOUTH	IA	71	-10	54	74	81
6	8.6	14*	19.3	6	7.9	POCAHONTAS	IA	126	-59	-8	33	36
96	9.3	102	9.0	107	9.3	POLK	IA	-3	4	0	41	55
47*	13.2	39	9.9	44	10.9	POTTAWATTAMIE	IA	-25	11	-17	25	73
5	5.0	7	6.8	8	7.9	POWESHIEK	IA	36	16	58	75	35
4	7.1	5	9.0	4	9.0	RINGGOLD	IA	28	0	28	62	50
8	8.1	9	9.4	10	9.2	SAC	IA	16	-2	14	52	53
35	6.8	61	10.6	56	9.0	SCOTT	IA	56	-15	32	65	50
14*	17.2	12	13.3	7	7.1	SHELBY	IA	-23	-47	-59	04	27
16	11.9	11	8.0	15	10.2	SIOUX	IA	-33	27	-14	27	65
13	7.0	21	9.9	18	7.3	STORY	IA	41	-27	3	44	28
15	12.7	13	9.9	15	12.2	TAMA	IA	-22	22	-4	36	81
8	11.2	9	15.4	11*	16.0	TAYLOR	IA	37	4	43	69	94
11	11.8	8	9.8	13	14.6	UNION	IA	-16	48	24	59	91
7	9.3	8	13.3	7	12.0	VAN BUREN	IA	43	-10	30	63	81
19	6.1	19	8.2	25	10.1	WAPELLO	IA	1	24	25	61	64
11	11.4	16	14.4	10	7.6	WARREN	IA	26	-47	-34	14	32
11	10.3	8	6.6	7	6.7	WASHINGTON	IA	-36	1	-35	14	23
7	10.2	8	11.2	6	7.2	WAYNE	IA	10	-36	-29	17	28
20	8.7	33*	13.9	25	10.3	WEBSTER	IA	61	-26	19	56	66
2	2.9	8	9.9	6	7.0	WINNEBAGO	IA	239	-30	139	90	25
8	7.1	9	7.7	6	5.1	WINNESHIEK	IA	10	-35	-28	18	12
52	9.6	41	7.7	45	8.9	WOODBURY	IA	-20	15	-8	33	49
5	7.3	3	5.1	8	11.9	WORTH	IA	-31	134	63	76	80
12	11.4	10	10.1	9	9.0	WRIGHT	IA	-11	-11	-21	23	51
889	9.1	1061	10.1	1058*	9.6	KANSAS	KS	11	-5	6		
6	6.2	7	8.7	11	9.9	ALLEN	KS	39	15	59	75	62
3	4.6	5	6.9	4	6.4	ANDERSON	KS	51	-7	40	68	21
8	7.7	7	6.7	5	5.0	ATCHISON	KS	-12	-26	-35	14	12
2	4.5	6	15.4	3	7.0	BARBER	KS	244	-54	57	75	26
18*	15.1	11	7.8	17	11.3	BARTON	KS	-49	45	-25	20	76
7	5.4	8	6.7	14	15.0	BOURBON	KS	24	125	178	92	92

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

1950-1959		1960-1969		1970-1979	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE
9	12.0	12	12.4	3	2.5
12	7.5	15	7.8	9	4.4
4	14.9	5	17.9	3	10.1
5	10.2	4	8.1	4	7.6
16	13.7	9	7.7	12	9.1
3	11.8	6*	19.6	1	4.6
1	8.8	4	21.2		
9	12.2	12*	17.7	11	15.2
11	11.0	4	4.1	8	9.1
7	9.6	6	9.7	7	8.6
1	5.1	1	11.7	2	9.5
21	10.4	29*	14.1	22	10.1
28	12.2	26	11.4	18	6.8
3	7.5	7*	17.8	3	8.5
8	6.4	23*	17.9	11	8.0
3	5.3	4	8.0	6	12.0
12	7.5	11	5.6	17	8.8
3	9.2	1	2.6	2	4.9
8*	21.3	7	20.6	3	8.9
11	16.0	9	9.7	16*	17.1
6	12.3	15*	33.5	3	8.2
8	12.0	8	10.9	5	5.8
11	10.6	13	12.4	9	8.3
15	11.7	18*	15.3	18*	15.0
2	1.3	9	12.1	8	10.8
4	19.9	3	13.3	3	12.7
2	7.4	4	20.3	2	8.2
		1	3.5		
1	4.6	3	11.4	1	3.7
		1	8.2		
9	10.2	4	4.6	5	5.2
3	20.6	3	20.8	3	20.8
6	11.2	6	9.1	5	7.9
17*	14.3	10	6.9	12	8.2
		3	23.2	1	5.4
2	14.0	2	12.1		
10	16.2	8	10.7	10	14.5
4	5.2	8	11.2	9	11.0
6	11.6	5	10.3	5	12.3
30	8.3	65	11.1	71	8.2
2	15.2				
6	11.2	5	8.3	8	13.2
3	12.5	3	11.3		
13	8.8	17	11.4	21*	14.1
		1	6.4	1	5.6
15	6.6	19	9.5	20	9.6
4	9.7	6	17.4	6	15.0
5	9.3	10	18.7	6	13.7
		4	18.2	2	8.2
10	7.4	14	9.3	21	12.8
4	3.2	12	8.0	12	7.8
11	12.5	13	14.4	8	8.9
12	10.4	10	8.7	17*	20.4
2	8.0	3	10.3	2	5.7
10	8.4	9	7.4	17*	13.3
11*	19.0	5	9.0	4	7.5
21	9.1	16	6.7	27	10.8
8	15.4	3	4.9	4	9.5
1	10.7	1	6.7	3	20.1
8	10.9	9	11.0	8	10.9
14	11.5	15	12.0	11	10.1
4	12.9	4	13.2	6	18.5
5	9.6	3	6.8	10*	20.8
2	2.2	7	10.5	10	11.7
2	3.1	5	9.9	5	8.8
8*	17.5	6	14.2	9*	18.4
2	5.6	4	6.8	5	9.7
7	12.3	8	15.7	8	12.8
8	11.4	10	13.5	8	10.0
7	11.5	8	12.5	9	14.3
1	3.3	2	5.5	3	10.9
23	8.3	33	11.3	23	7.6
2	2.1	5	7.0	11	18.5
5	7.0	6	8.7	4	5.7
6	4.8	14	9.8	10	7.4
5	10.5	8	16.8	7	13.4
1	2.6	6	15.6	3	7.8
6	10.1	12*	22.8	7	11.1
17	9.8	14	7.2	25	12.0
3	13.3	5	21.1	5	16.3
102	9.8	120	10.0	130	10.4
4	7.4	7	13.0	3	5.2
48	9.6	60	10.0	48	7.6
1	3.0	1	4.4	2	9.5
2	6.2	4	11.8	6	15.0
7	11.3	3	5.0	8	15.3
1	2.0	2	4.3	1	2.0
2	15.1	1	8.7	2	21.1
		4	26.8	2	8.7
12	8.7	7	5.9	13	9.0
5	15.9	3	8.3	3	7.6
1	3.6	4	14.1	2	7.8
4	9.9	8	13.2	5	12.6
		3	25.5	1	9.1
6	9.4	5	7.1	8	10.0
1	10.2	1	7.5	1	7.2
11	12.2	3	4.1	12	15.6
2	5.1	4	12.1	3	6.5
51	7.7	58	9.0	60	9.8

LEUKEMIAS ICD 202.4,203.1,204-208

COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
				%CHANGE	RATES
	60S/50S	70S/60S	70S/50S	70S/50S	1970S
BROWN KS	3	-80	-79	00	04
BUTLER KS	4	-43	-41	11	09
CHASE KS	20	-43	-32	16	64
CHAUTAUQUA KS	-21	-7	-26	19	32
CHEROKEE KS	-43	17	-33	14	52
CHEYENNE KS	66	-76	-61	04	10
CLARK KS	143				
CLAY KS	46	-14	25	61	93
CLOUD KS	-63	123	-17	25	52
COFFEY KS	1	-12	-10	30	45
COMANCHE KS	129	-18	87	82	58
COWLEY KS	36	-29	-3	38	64
CRAWFORD KS	-7	-40	-44	10	25
DECATUR KS	136	-52	13	51	43
DICKINSON KS	177	-55	24	59	36
DONIPHAN KS	50	50	125	88	80
DOUGLAS KS	-25	57	18	55	48
EDWARDS KS	-71	88	-46	09	12
ELK KS	-3	-57	-58	05	49
ELLIS KS	-39	75	7	46	95
ELLSWORTH KS	173	-75	-33	15	40
FINNEY KS	-9	-47	-52	07	16
FORD KS	17	-33	-22	22	41
FRANKLIN KS	32	-2	29	63	93
GEARY KS	859	-11	756	99	71
GOVE KS	-33	-4	-36	13	85
GRAHAM KS	174	-60	11	50	39
GRANT KS					
GRAY KS	151	-68	-19	24	07
GREELEY KS					
GREENWOOD KS	-55	11	-50	08	12
HAMILTON KS	1	0	1	41	98
HARPER KS	-19	-13	-30	17	36
HARVEY KS	-52	19	-43	10	39
HASKELL KS		-77			14
HODGEMAN KS	-14				
JACKSON KS	-34	36	-11	30	91
JEFFERSON KS	116	-2	113	87	73
JEWELL KS	-12	20	6	45	82
JOHNSON KS	34	-26	-2	39	39
KEARNY KS					
KINGMAN KS	-26	59	18	55	87
KIOWA KS	-10				
LABETTE KS	30	23	60	76	90
LANE KS		-12			15
LEAVENWORTH KS	43	1	44	70	58
LINCOLN KS	79	-14	55	74	92
LINN KS	100	-26	47	71	89
LOGAN KS		-55			39
LYON KS	25	38	72	79	85
MC PHERSON KS	152	-3	145	90	34
MARION KS	15	-38	-29	18	49
MARSHALL KS	-16	134	96	84	98
MEADE KS	29	-44	-28	18	16
MIAMI KS	-13	81	57	75	87
MITCHELL KS	-53	-17	-61	04	31
MONTGOMERY KS	-27	63	19	55	71
MORRIS KS	-69	95	-39	12	57
MORTON KS	-37	199	88	82	98
NEMAHA KS	0	-1	-1	40	72
NEOSHO KS	5	-16	-12	29	64
NESS KS	3	38	42	69	96
NORTON KS	-30	206	116	87	98
OSAGE KS	384	11	436	98	78
OSBORNE KS	213	-11	180	93	48
OTTAWA KS	-19	30	5	45	96
PAWNEE KS	21	43	73	79	59
PHILLIPS KS	27	-18	4	44	85
POTTAWATOMIE KS	19	-26	-12	28	63
PRATT KS	9	15	25	60	91
RAWLINS KS	70	97	234	95	72
RENO KS	36	-33	-9	32	32
REPUBLIC KS	232	164	776	99	96
RICE KS	24	-34	-19	24	15
RILEY KS	102	-24	54	73	30
ROOKS KS	60	-21	27	61	88
RUSH KS	504	-50	200	94	34
RUSSELL KS	125	-51	10	49	74
SALINE KS	-26	67	23	59	81
SCOTT KS	58	-23	22	58	95
SEDGWICK KS	1	4	6	46	68
SEWARD KS	77	-60	-30	17	13
SHAWNEE KS	5	-25	-21	23	32
SHERIDAN KS	48	117	221	94	58
SHERMAN KS	91	27	143	90	92
SMITH KS	-55	204	35	66	93
STAFFORD KS	118	-52	4	44	03
STANTON KS	-43	144	39	67	98
STEVENS KS		-68			46
SUMNER KS	-32	53	3	44	51
THOMAS KS	-48	-8	-52	07	33
TREGO KS	290	-45	115	87	35
WABAUNSEE KS	33	-4	27	62	84
WALLACE KS		-64			52
WASHINGTON KS	-25	41	6	45	63
WICHITA KS	-27	-3	-29	17	28
WILSON KS	-66	281	28	62	94
WOODSON KS	136	-47	26	61	21
WYANDOTTE KS	16	10	27	62	61

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE PATES 70S/50S	PERCENTILE %CHANGE PATES 1970S
910	7.0	1278	9.5	1271	8.7	KENTUCKY KY	34	-8	23		
6	7.5	10	13.2	9	12.3	ADAIR KY	75	-7	63	77	82
9	12.1	9	12.7	5	6.1	ALLEN KY	5	-52	-50	08	19
4	8.8	4	8.5	6	11.1	ANDERSON KY	-3	30	26	61	74
4	8.2	7	13.7	7	12.9	BALLARD KY	67	-6	56	74	86
13	10.0	13	9.4	16	10.5	BARREN KY	-6	12	5	45	68
3	6.0	3	7.0	5	10.4	BATH KY	17	48	74	79	68
10	6.6	11	7.2	13	8.8	BELL KY	9	22	33	65	46
4	4.4	8	8.7	14	10.2	BOONE KY	100	17	133	89	65
2	2.9	4	5.2	6	7.7	BOURBON KY	77	48	162	91	33
14	6.3	23	9.8	18	7.6	BOYD KY	56	-22	22	58	33
4	4.4	6	7.2	4	4.0	BOYLE KY	64	-45	-10	31	08
1	1.8	9*	21.5	6	13.9	BRACKEN KY	1108	-36	678	99	89
3	3.7	6	7.9	8	10.5	BREATHITT KY	117	32	186	93	68
7	9.0	9	10.9	5	5.0	BRECKINRIDGE KY	21	-54	-44	10	12
1	1.2	10	12.5	17*	14.0	BULLITT KY	956	12	1079	99	90
3	4.9	7	11.7	3	5.5	BUTLER KY	138	-53	11	50	14
5	6.3	4	5.0	8	9.1	CALDWELL KY	-22	83	43	69	52
6	5.2	13	10.1	14	9.7	CALLOWAY KY	93	-4	85	82	59
21	5.7	38	9.5	43	10.9	CAMPBELL KY	67	15	92	83	73
4	12.3	5	11.4	4	11.0	CARLISLE KY	-8	-3	-11	30	73
1	2.0	2	4.4	3	7.1	CARROLL KY	118	60	249	95	26
7	6.1	9	8.9	7	6.5	CARTER KY	46	-28	5	45	21
		6	7.9	5	6.4	CASEY KY		-19			21
13	7.0	9	5.2	8	4.5	CHRISTIAN KY	-26	-13	-36	14	10
7	8.6	9	8.9	11	10.5	CLARK KY	3	19	22	58	69
8	7.6	8	10.7	7	8.4	CLAY KY	41	-21	11	50	42
5	11.7	4	9.3	1	1.9	CLINTON KY	-21	-79	-84	00	03
7	12.1	6	12.0	2	4.3	CRITTENDEN KY	-1	-65	-65	03	09
2	5.2	3	7.1	5	14.8	CUMBERLAND KY	37	108	184	93	92
19	6.8	21	6.9	44*	13.1	DAVIESS KY	1	91	93	83	87
2	4.8	1	2.6	5	10.2	EDMONSON KY	-46	297	113	87	65
2	4.7			3	19.8	ELLIOTT KY			320	97	97
7	11.3	6	8.9	3	4.3	ESTILL KY	-21	-51	-62	04	09
29	7.4	48	8.9	35	5.9	FAYETTE KY	20	-34	-20	23	17
6	10.6	7	9.9	7	11.4	FLEMING KY	-7	15	8	47	76
6	2.8	10	6.2	8	4.1	FLOYD KY	121	-33	47	71	08
9	8.0	13	10.4	17	10.3	FRANKLIN KY	31	-1	29	63	66
7	12.7	7	12.7	3	5.4	FULTON KY	0	-58	-58	05	13
3	13.3	3	14.7	5*	22.5	GALLATIN KY	11	53	69	78	98
2	3.8	5	11.3	3	5.2	GARRARD KY	198	-54	38	67	13
4	6.7	8	12.4	8	11.5	GRANT KY	83	-7	70	78	77
12	7.6	18	11.0	17	9.3	GRAVES KY	45	-16	22	58	54
		12	12.5	6	5.3	GRAYSON KY		-57			13
3	5.7	3	5.2	3	5.2	GREEN KY	-9	0	-9	32	13
8	6.5	8	6.5	13	8.4	GREENUP KY	0	30	29	63	42
2	5.8	2	5.3	4	11.2	HANCOCK KY	-9	111	92	83	75
9	4.3	17	7.6	24	10.5	HARDIN KY	76	39	145	90	68
12	4.8	17	9.1	12	6.9	HARLAN KY	90	-25	43	69	25
7	9.0	8	10.1	10	12.7	HARRISON KY	12	26	41	68	85
3	3.7	5	7.2	8	11.3	HART KY	93	57	204	94	75
6	4.4	18	12.6	22*	14.1	HENDERSON KY	188	11	221	94	90
5	7.8	2	3.5	4	5.6	HENRY KY	-55	59	-29	18	15
4	10.4	4	10.2	2	4.7	HICKMAN KY	-2	-54	-55	06	11
19	10.8	21	11.2	25	12.7	HOPKINS KY	4	13	17	54	85
2	3.8	3	5.3	5	9.4	JACKSON KY	37	79	145	90	57
159	8.2	240	10.5	228	9.5	JEFFERSON KY	28	-10	16	53	58
3	6.5	5	7.9	5	5.7	JESSAMINE KY	21	-28	-13	28	15
8	7.7	12	12.7	14	13.1	JOHNSON KY	65	3	69	78	87
35	7.6	44	8.6	52	9.6	KENTON KY	12	11	25	60	58
9	10.8	4	5.2	6	7.8	KNOTT KY	-52	50	-27	18	35
9	8.1	9	7.9	10	8.0	KNOX KY	-3	2	-1	59	37
3	6.1	2	3.5	4	5.9	LARUE KY	-42	67	-3	37	17
8	5.9	16	12.9	16	9.6	LAUREL KY	118	-26	62	76	58
10	14.5	6	9.8	6	7.7	LAWRENCE KY	-32	-21	-47	09	33
1	3.0	3	7.3	8*	16.9	LEE KY	145	133	469	98	95
1	2.8	6	13.7	5	9.3	LESLIE KY	382	-33	225	95	54
8	5.6	11	9.0	8	6.5	LETCHER KY	60	-27	16	53	22
2	3.3	7	11.1	3	4.7	LEWIS KY	235	-58	40	68	11
13*	15.7	5	6.0	5	5.1	LINCOLN KY	-61	-15	-67	02	12
		3	6.8	4	8.6	LIVINGSTON KY		26			45
6	6.0	14	14.0	6	5.4	LOGAN KY	133	-61	-9	31	14
4	12.9	5	16.6	2	7.0	LYON KY	28	-58	-46	10	26
11	5.0	31	12.4	25	9.3	MC CRACKEN KY	146	-25	84	81	54
4	6.5	5	9.2	3	4.5	MC CREARY KY	43	-51	-31	17	10
1	1.7	2	3.2	8	13.4	MC LEAN KY	94	313	702	99	88
8	5.3	15	10.7	17	9.9	MADISON KY	102	-7	88	82	62
4	7.4	5	8.8	5	9.1	MAGOFFIN KY	19	3	22	58	51
3	4.6	4	5.7	10	13.9	MARION KY	24	145	203	94	90
6	7.5	13	13.9	13	10.2	MARSHALL KY	85	-26	36	66	65
6	11.6	2	5.0	2	4.3	MARTIN KY	-57	-15	-63	03	09
7	9.0	8	9.3	7	8.1	MASON KY	3	-13	-10	30	38
2	4.3	3	6.6	5	8.3	MEADE KY	54	26	94	84	41
2	7.2	4	18.4			MENIFEE KY	157				
5	6.9	5	6.9	4	4.6	MERCER KY	0	-34	-34	14	10
2	4.8	3	6.2	2	4.3	METCALFE KY	29	-31	-11	29	09
8	12.2	7	11.1	2	3.1	MONROE KY	-9	-72	-74	01	05
5	9.3	3	5.0	4	5.5	MONTGOMERY KY	-47	12	-41	11	14
4	7.0	3	5.9	4	6.1	MORGAN KY	-15	4	-12	29	19
9	6.0	14	9.5	13	8.5	MUHLENBERG KY	57	-10	41	68	43
9	9.9	11	12.2	12	11.7	NELSON KY	24	-4	19	56	79
2	5.2	3	8.2			NICHOLAS KY	58				
13	12.2	14	12.4	5	5.2	OHIO KY	2	-59	-58	05	12
1	1.4	3	4.9	4	5.2	OLDHAM KY	249	6	270	96	13
2	3.6	4	8.2	4	8.8	OWEN KY	128	7	144	90	48
2	6.1	1	3.4	2	5.1	OWSLEY KY	-44	47	-18	25	12
2	4.4	3	4.9	7	11.3	PENDLETON KY	11	130	154	91	76
14	9.7	9	5.7	11	8.5	PERRY KY	-41	50	-12	29	44
24	7.0	20	7.7	21	6.9	PIKE KY	9	-10	-2	38	25

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
1	3.0	1	2.7	3	7.5	POWELL	KY	-9	176	151	90	31
10	5.2	19	10.2	19	9.3	PULASKI	KY	97	-9	79	80	54
1	7.5	1	8.1	2	11.1	ROBERTSON	KY	7	38	47	71	74
4	5.7	7	11.6	6	8.3	ROCKCASTLE	KY	101	-28	45	70	41
5	9.0	7	12.1	5	5.9	ROWAN	KY	34	-51	-35	14	17
2	3.1	5	9.0	11*	14.9	RUSSELL	KY	190	66	381	97	92
6	9.4	10	13.8	9	10.9	SCOTT	KY	48	-21	16	53	72
9	9.9	4	4.6	2	2.0	SHELBY	KY	-54	-57	-80	00	03
4	7.6	8	14.4	2	2.9	SIMPSON	KY	88	-80	-61	04	05
2	6.4	3	12.2	2	7.5	SPENCER	KY	89	-39	16	53	31
7	11.1	14*	18.4	6	6.8	TAYLOR	KY	65	-63	-39	12	24
1	1.6	6	10.9	3	5.6	TODD	KY	598	-49	258	96	15
6	14.5	7	15.4	3	6.0	TRIGG	KY	6	-61	-59	04	18
3	9.2	4	14.9	3	12.1	TRIMBLE	KY	62	-19	32	64	81
7	9.6	10	15.9	6	7.9	UNION	KY	66	-50	-17	25	36
22	11.1	22	10.8	27	11.6	WARREN	KY	-3	7	4	44	78
2	4.1	4	8.9	7	13.6	WASHINGTON	KY	117	52	230	95	89
4	5.7	8	11.1	7	8.2	WAYNE	KY	94	-26	44	70	40
6	6.8	8	10.6	6	6.8	WEBSTER	KY	57	-36	1	42	25
8	5.7	12	8.8	7	4.9	WHITLEY	KY	55	-45	-14	27	11
		3	8.6	1	2.4	WOLFE	KY		-72			04
3	7.3	6	11.4	6	10.3	WOODFORD	KY	56	-10	40	68	66
737	9.2	966	10.2	1053	9.6	LOUISIANA	LA	11	-6	4		
6	3.3	13	6.7	23	11.5	ACADIA	LA	100	72	244	95	77
5	7.6	7	10.2	9	10.6	ALLEN	LA	35	4	40	68	69
5	8.0	4	4.1	7	5.6	ASCENSION	LA	-48	37	-29	17	15
6	11.9	9*	17.9	2	2.6	ASSUMPTION	LA	50	-86	-78	01	04
14	11.0	17	12.3	20	13.1	AVOYELLES	LA	12	6	19	56	87
7	9.3	12	14.8	6	6.5	BEAUREGARD	LA	59	-56	-30	17	22
3	5.4	7	13.2	6	10.8	BIENVILLE	LA	144	-18	99	85	71
7	9.2	11	10.2	21	11.2	BOSSIER	LA	11	10	21	58	74
55	12.1	49	8.3	71	10.8	CADDO	LA	-31	30	-11	30	71
33	11.1	27	6.3	43	9.5	CALCASIEU	LA	-43	49	-15	26	57
3	8.0	7	16.0	4	10.4	CALDWELL	LA	101	-35	31	64	68
3	6.9	3	7.7	7	16.3	CATAHOULA	LA	11	113	136	89	95
4	6.6	6	11.0	8	10.9	CLAIBORNE	LA	68	-1	66	77	72
1	1.4	7	20.0	6	10.0	CONCORDIA	LA	1301	-50	600	99	62
8	14.4	3	4.3	9	12.6	DE SOTO	LA	-70	194	-13	28	84
33	7.9	61	12.3	50	7.2	EAST BATON ROUGE	LA	56	-42	-9	32	27
3	13.1	1	6.2	1	3.8	EAST CARROLL	LA	-52	-39	-71	02	07
2	3.6	6	11.8	3	5.2	EAST FELICIANA	LA	229	-56	46	70	13
5	4.8	12	11.3	19*	15.1	EVANGELINE	LA	135	34	214	94	93
11	12.5	10	11.7	7	8.2	FRANKLIN	LA	-6	-30	-35	14	39
6	10.6	5	7.7	13*	18.4	GRANT	LA	-27	139	74	80	96
9	7.4	16	11.2	22	12.5	IBERIA	LA	51	11	68	78	83
4	7.7	8	11.8	7	9.3	IBERVILLE	LA	53	-21	21	57	55
3	7.4	5	9.1	9	13.6	JACKSON	LA	24	49	85	82	89
32	7.1	81	10.5	99	8.9	JEFFERSON	LA	48	-16	25	60	49
5	5.6	8	8.6	6	4.9	JEFFERSON DAVIS	LA	55	-43	-11	29	12
15	8.6	23	10.7	30	7.5	LAFAYETTE	LA	24	-29	-13	28	31
12	8.3	20	9.5	19	7.4	LAFOURCHE	LA	14	-22	-11	29	30
5	9.4	4	6.6	10	13.9	LA SALLE	LA	-29	109	47	71	89
9	13.6	7	9.3	10	11.8	LINCOLN	LA	-32	27	-13	27	79
9	11.7	14	12.4	10	7.0	LIVINGSTON	LA	6	-44	-40	11	26
3	13.5	3	10.9	2	6.3	MADISON	LA	-20	-42	-54	06	20
8	10.9	10	12.6	5	5.7	MOREHOUSE	LA	16	-55	-47	09	16
5	5.3	10	9.3	9	7.6	NATCHITOCHES	LA	77	-19	43	69	32
157	9.6	185*	11.1	131	9.0	ORLEANS	LA	15	-19	-6	35	51
33*	15.8	35	12.0	30	8.7	OUACHITA	LA	-24	-28	-45	10	46
5	14.9	4	6.1	5	6.9	PLAQUEMINES	LA	-59	13	-54	06	25
6	12.6	3	5.8	10	15.9	POINTE COUPEE	LA	-54	177	26	61	94
21	7.6	35	10.4	35	9.7	RAPIDES	LA	37	-7	27	61	59
5	19.5	3	8.6	9*	27.1	RED RIVER	LA	-56	215	39	67	99
3	4.7	7	11.9	5	7.6	RICHLAND	LA	154	-36	63	77	33
16*	20.7	9	11.0	13	12.4	SABINE	LA	-47	13	-40	11	83
3	4.2	11	8.7	19	8.7	ST BERNARD	LA	108	0	107	86	47
3	8.8	8	16.9	11	16.7	ST CHARLES	LA	92	-1	89	82	95
1	3.8	1	4.1	2	10.8	ST HELENA	LA	8	164	184	93	72
5	12.5	4	7.6	6	12.8	ST JAMES	LA	-39	68	3	43	86
3	12.4	4	10.9	4	8.0	ST JOHN THE BAPT	LA	-12	-27	-36	14	36
16	9.3	11	5.3	20	10.7	ST LANDRY	LA	-42	100	15	53	70
4	6.0	6	7.7	14	15.2	ST MARTIN	LA	28	98	153	91	93
9	8.2	11	7.2	14	10.1	ST MARY	LA	-13	41	24	59	65
9	7.1	14	8.8	21	8.1	ST TAMMANY	LA	25	-8	15	52	38
18	10.2	12	6.6	26	12.1	TANGIPAHOA	LA	-35	84	19	56	81
4	22.4	3	18.0	1	3.8	TENSAS	LA	-20	-79	-83	00	07
10	5.6	21	12.4	19	9.0	TERREBONNE	LA	122	-27	62	76	51
5	10.1	8	10.9	13*	15.9	UNION	LA	8	46	57	75	94
13	8.8	25*	15.6	19	10.5	VERMILION	LA	77	-33	19	56	69
12	13.9	11	11.5	12	10.6	VERNON	LA	-17	-8	-24	21	69
7	7.1	14	11.5	6	4.4	WASHINGTON	LA	62	-62	-38	12	09
7	6.2	16	12.3	17	11.0	WEBSTER	LA	99	-11	77	80	73
2	9.0	2	5.8	6	19.0	WEST BATON ROUGE	LA	-35	225	112	86	97
5	9.6	7	12.1	5	8.0	WEST CARROLL	LA	27	-35	-17	26	36
5*	41.9	2	14.5			WEST FELICIANA	LA	-65				
11*	18.0	8	12.2	7	10.2	WINN	LA	-32	-16	-43	10	65
305	6.6	455	9.6	407	8.0	MAINE	ME	46	-16	22		
17	4.2	39	9.2	33	7.4	ANDROSCOGGIN	ME	119	-20	76	80	30
33	7.9	40	9.9	28	7.3	AROOSTOOK	ME	26	-27	-8	33	29
76	9.0	80	9.2	90	9.6	CUMBERLAND	ME	3	4	7	46	58
7	6.7	9	8.6	10	8.1	FRANKLIN	ME	29	-6	21	58	38
16	8.8	24	12.6	16	7.6	HANCOCK	ME	42	-40	-14	27	32
27	6.4	43	9.6	33	6.8	KENNEBEC	ME	50	-29	7	46	25
7	4.5	15	8.8	21	11.4	KNOX	ME	97	29	155	91	76
2	1.5	13	10.0	10	7.9	LINCOLN	ME	580	-21	434	98	35
23	9.6	22	10.2	24	9.7	OXFORD	ME	6	-5	1	42	60
30	5.7	38	6.9	45	8.0	PENOBSCOT	ME	22	15	40	68	36

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE LEUKEMIAS ICD 202.4,203.1,204-208

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
										%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
9	8.1	11	11.0	5	5.0	PISCATAQUIS ME	36	-55	-38	12	12
		5	4.0	14	11.1	SAGADAHOC ME		174			74
14	6.6	24	11.8	14	6.3	SOMERSET ME	79	-47	-4	36	20
11	8.3	15	11.8	11	8.6	WALDO ME	42	-28	3	43	45
12	6.4	16	8.6	11	6.2	WASHINGTON ME	35	-28	-3	38	19
21	4.4	61	12.3	42	6.9	YORK ME	180	-44	58	75	25
739	7.9	1021	8.9	1199	9.1	MARYLAND MD	13	3	16		
40	10.1	44	10.7	32	7.6	ALLEGANY MD	6	-29	-25	20	32
31	6.6	52	6.8	87	7.6	ANNE ARUNDEL MD	3	12	15	52	32
98	7.2	146	7.2	202	8.0	BALTIMORE MD	0	11	11	50	37
3	6.6	7	13.3	9	10.3	CALVERT MD	101	-22	56	74	67
6	7.8	11	12.9	8	7.5	CAROLINE MD	65	-42	-4	37	31
22	9.3	16	6.0	29	8.5	CARROLL MD	-36	42	-8	32	44
12	7.2	15	7.3	14	6.9	CECIL MD	2	-6	-4	36	25
10	14.9	1	.8	14	9.3	CHARLES MD	-95	1085	-37	13	55
15	12.6	19*	15.1	9	6.9	DORCHESTER MD	19	-54	-45	10	25
23	8.2	28	9.1	35	9.8	FREDERICK MD	11	7	19	56	61
6	6.1	10	9.1	9	7.6	GARRETT MD	49	-17	24	60	32
10	4.2	24	8.0	40	10.4	HARFORD MD	91	30	147	90	68
8	6.6	11	7.3	17	6.6	HOWARD MD	11	-9	0	41	22
5	8.4	5	7.5	7	9.3	KENT MD	-11	25	11	50	55
81	8.2	142	9.6	190	10.0	MONTGOMERY MD	17	4	22	58	63
54	6.2	132	8.9	177*	12.2	PRINCE GEORGE'S MD	43	37	96	84	82
3	4.7	7	10.5	15*	17.0	QUEEN ANNE'S MD	122	62	258	96	95
4	6.2	6	6.3	6	4.2	ST MARY'S MD	2	-34	-33	15	08
4	5.9	6	7.3	5	8.3	SOMERSET MD	23	13	39	67	41
5	7.1	10	10.2	11	10.5	TALBOT MD	44	2	48	71	68
20	5.5	42	10.3	32	6.5	WASHINGTON MD	88	-37	18	55	22
7	4.1	19	10.1	24	10.7	WICOMICO MD	145	6	160	91	70
6	6.6	6	6.5	11	11.3	WORCESTER MD	-2	74	70	78	75
266	8.9	262	9.6	216	9.3	BALTIMORE CITY MD	8	-3	5	45	55
1928	8.4	2125	8.7	2224	8.7	MASSACHUSETTS MA	4	0	4		
22	7.4	41	9.7	82	10.8	BARNSTABLE MA	30	11	45	70	71
53	8.1	60	8.6	74	10.0	BERKSHIRE MA	6	16	23	59	63
138	7.8	168	8.6	165	7.7	BRISTOL MA	9	-10	-2	39	33
				2	5.9	DUKES MA					17
233	8.5	278	9.6	261	8.6	ESSEX MA	12	-10	1	42	45
22	7.8	26	8.8	36	11.1	FRANKLIN MA	14	26	43	69	74
158	8.9	167	8.7	176	8.8	HAMPDEN MA	-3	1	-2	38	47
37	8.4	44	9.2	37	6.9	HAMPSHIRE MA	9	-25	-18	24	25
384	7.5	488	8.7	515	8.9	MIDDLESEX MA	15	2	18	55	49
3	19.1	1	5.1	2	9.3	NANTUCKET MA	-74	83	-52	07	54
197	9.5	200	8.6	240	9.0	NORFOLK MA	-9	5	-4	36	51
87	7.9	106	8.3	111	7.4	PLYMOUTH MA	5	-11	-6	35	30
377*	10.1	312	9.5	241	8.6	SUFFOLK MA	-6	-9	-15	27	45
217	7.7	234	8.0	282	9.3	WORCESTER MA	4	16	21	57	55
2492	8.4	3157	9.7	3343*	9.8	MICHIGAN MI	15	2	17		
3	7.5	3	6.7	8	12.0	ALCONA MI	-11	78	59	75	80
6	12.4	3	6.3	4	8.8	ALGER MI	-49	41	-29	17	48
16	6.1	15	5.0	39	11.9	ALLEGAN MI	-19	139	95	84	80
19*	14.9	22*	17.7	17	12.3	ALPENA MI	19	-31	-18	25	82
4	6.3	9	11.9	11	12.5	ANTRIM MI	88	5	98	84	83
1	1.4	2	4.1	6	8.7	ARENAC MI	181	114	500	98	46
2	4.1	1	2.4	4	10.9	BARAGA MI	-41	354	166	91	72
8	5.1	15	8.9	15	7.7	BARRY MI	76	-13	53	73	34
46	10.4	41	8.8	50	10.2	BAY MI	-16	17	-2	39	66
3	6.7	6	14.9	6	10.2	BENZIE MI	123	-32	52	73	65
54	8.9	54	8.2	79*	11.9	BERRIEN MI	-8	44	33	65	80
8	4.6	15	8.5	20	10.9	BRANCH MI	83	29	136	89	72
54	9.6	57	9.7	43	7.5	CALHOUN MI	2	-23	-21	22	31
12	7.4	14	8.3	28*	14.3	CASS MI	12	74	94	84	91
6	7.1	9	11.7	10	10.4	CHARLEVOIX MI	64	-11	46	70	67
7	8.6	6	7.9	8	7.9	CHEBOYGAN MI	-9	1	-8	33	36
11	8.2	15	10.7	19	14.3	CHIPPEWA MI	31	34	75	80	91
4	7.1	4	4.4	10	8.5	CLARE MI	-37	92	20	57	43
14	9.5	19	10.2	21	10.7	CLINTON MI	8	5	13	52	70
1	3.6	5	19.7	6	13.7	CRAWFORD MI	443	-30	278	96	89
12	7.0	15	8.0	18	9.3	DELTA MI	14	16	32	65	55
12	9.2	13	8.0	16	10.7	DICKINSON MI	-13	34	17	54	70
18	8.7	33*	13.9	25	8.9	EATON MI	60	-36	3	43	49
3	3.3	9	9.8	10	10.6	EMMET MI	194	8	218	94	70
82	6.3	149	10.7	138	9.6	GENESEE MI	70	-10	54	73	59
3	4.8	3	4.9	8	7.6	GLADWIN MI	1	56	58	75	32
14	9.6	12	10.3	9	6.6	GOGEBIC MI	7	-36	-31	16	23
13	7.9	20	11.7	22	10.8	GRAND TRAVERSE MI	48	-8	36	66	71
22	12.5	21	12.0	18	9.8	GRATIOT MI	-4	-18	-22	22	61
17	10.0	20	11.0	19	9.8	HILLSDALE MI	11	-11	-2	39	61
16	7.1	19	8.6	24	13.0	HOUGHTON MI	21	52	84	82	86
11	5.9	18	9.7	14	7.5	HURON MI	64	-23	27	62	31
60	7.5	68	8.5	97	11.7	INGHAM MI	14	37	57	74	79
19	9.3	16	7.9	17	8.5	IONIA MI	-15	7	-8	33	43
4	5.6	11	11.4	11	7.6	IOSCO MI	106	-33	37	67	32
16*	15.7	12	12.2	6	6.5	IRON MI	-22	-46	-59	04	22
14	10.9	15	10.4	19	12.1	ISABELLA MI	-4	16	11	50	81
34	6.3	61	10.6	69	12.0	JACKSON MI	67	14	90	83	80
48	7.4	56	7.8	64	8.6	KALAMAZOO MI	6	10	17	54	45
2	7.1	4	12.7	2	6.9	KALKASKA MI	79	-45	-2	38	25
134	9.3	161*	11.1	175	10.3	KENT MI	20	-7	11	50	66
1	6.1			1	5.1	KEWEENAW MI			-16	26	12
1	3.2	6*	20.8	5	14.3	LAKE MI	558	-31	352	97	90
9	4.5	19	9.2	21	9.8	LAPEER MI	106	6	119	87	61
5	11.4	6	10.0	5	7.3	LEELANAU MI	-12	-27	-36	13	29
30	8.7	35	10.1	45	12.6	LENAWEE MI	17	25	46	70	84
10	6.3	24	10.9	22	7.4	LIVINGSTON MI	74	-32	18	55	30
3	5.9	3	6.6	5	11.3	LUCE MI	13	71	93	83	76

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
4	6.5	4	7.7	6	9.7	MACKINAC	MI	18	26	49	72	60
76	6.8	159	9.0	211	9.7	MACOMB	MI	31	8	42	69	59
10	9.5	10	9.4	14	11.9	MANISTEE	MI	-1	27	26	61	80
21	8.9	22	9.0	18	6.7	MARQUETTE	MI	0	-26	-25	20	23
6	4.9	18	16.0	12	8.5	MASON	MI	223	-47	73	79	44
3	2.6	10	8.6	14	12.4	MECOSTA	MI	230	45	377	97	83
13	9.8	15	11.0	11	8.0	MENOMINEE	MI	12	-27	-18	24	37
18	12.6	12	6.5	26	10.3	MIDLAND	MI	-48	58	-19	24	66
2	5.0	4	8.9	3	7.7	MISSAUKEE	MI	77	-14	52	73	33
32	8.2	47	10.8	54	11.2	MONROE	MI	32	4	37	66	75
12	6.6	20	10.8	18	8.3	MONTCALM	MI	63	-23	26	61	41
3	11.9	5	14.0	5	12.0	MONTMORENCY	MI	18	-15	1	41	80
38	6.9	55	9.3	60	10.1	MUSKEGON	MI	35	6	47	71	64
10	8.3	12	9.6	18	11.7	NEWAYGO	MI	16	22	42	69	79
175	9.0	258	9.3	357*	10.2	OAKLAND	MI	3	10	14	52	65
11	12.8	7	7.0	14	14.4	OCEANA	MI	-46	107	12	51	91
6	10.5	7	10.8	5	5.8	OGEMAW	MI	3	-46	-45	10	16
5	7.2	6	11.9	6	10.8	ONTONAGON	MI	64	-9	50	72	71
5	7.7	7	9.0	11	12.3	OSCEOLA	MI	18	37	61	76	82
2	8.0	4	10.9	4	9.7	OSCODA	MI	38	-12	22	58	59
2	5.2	1	2.3	3	4.7	OTSEGO	MI	-56	105	-10	31	11
34	8.8	47	10.2	55	10.1	OTTAWA	MI	15	0	15	52	64
8	12.3	3	4.9	8	9.9	PRESQUE ISLE	MI	-60	103	-19	24	62
3	6.5	10*	15.5	14	12.8	ROSCOMMON	MI	138	-17	97	84	85
62	9.1	81	10.4	69	8.9	SAGINAW	MI	15	-14	-2	39	50
41	8.9	43	8.3	54	9.4	ST CLAIR	MI	-6	13	6	46	57
15	7.5	24	11.0	26	11.0	ST JOSEPH	MI	46	-1	45	70	73
15	8.1	9	5.0	19	9.6	SANILAC	MI	-38	91	19	56	59
3	6.3	5	11.2	5	10.5	SCHOOLCRAFT	MI	78	-6	67	77	68
25	10.8	29	11.4	20	7.7	SHIAWASSEE	MI	6	-33	-29	18	33
12	5.4	25	11.8	24	10.7	TUSCOLA	MI	118	-9	99	85	71
24	9.9	25	10.3	23	8.5	VAN BUREN	MI	4	-18	-14	27	43
40	7.2	56	9.2	75	10.3	WASHTENAW	MI	28	12	44	70	67
854	8.7	946	9.9	780	9.5	WAYNE	MI	13	-4	8	48	57
10	10.1	7	7.4	12	10.4	WEXFORD	MI	-27	42	3	44	68
1577*	10.1	1828*	10.7	1810*	9.7	MINNESOTA	MN	6	-9	-4		
9	9.9	8	7.4	3	2.7	AITKIN	MN	-25	-63	-72	01	05
21	8.4	28	8.7	42	8.4	ANOKA	MN	4	-4	0	40	42
10	7.6	11	8.0	12	7.1	BECKER	MN	5	-11	-7	35	27
8	7.2	11	8.7	7	5.5	BELTRAMI	MN	21	-36	-23	21	15
8	10.4	13	14.4	14	13.1	BENTON	MN	39	-10	26	61	87
6	12.1	5	9.2	9	14.8	BIG STONE	MN	-23	60	22	58	92
19	8.8	20	9.4	21	8.9	BLUE EARTH	MN	6	-6	0	41	49
10	7.3	13	8.5	18	10.7	BROWN	MN	16	27	46	71	71
13	9.8	21*	14.2	17	11.3	CARLTON	MN	46	-20	16	53	76
5	4.8	11	8.8	11	7.7	CARVER	MN	85	-12	62	76	33
8	8.4	12	8.8	8	5.4	CASS	MN	5	-38	-35	14	14
8	8.9	12	12.3	12	11.5	CHIPPEWA	MN	39	-6	30	63	78
6	7.0	16*	16.6	6	4.5	CHISAGO	MN	137	-73	-36	13	09
16	10.7	15	8.1	18	8.6	CLAY	MN	-24	6	-19	24	45
9*	16.6	6	9.1	7	9.3	CLEARWATER	MN	-45	1	-44	10	54
1	4.5	5*	22.2	3	11.2	COOK	MN	390	-49	148	90	75
9	10.7	12	13.7	11	10.7	COTTONWOOD	MN	28	-22	0	41	70
21	12.0	17	8.6	20	8.3	CROW WING	MN	-29	-3	-31	16	40
29	11.3	37	9.6	64*	12.4	DAKOTA	MN	-16	29	9	48	83
5	8.1	5	6.4	6	8.2	DODGE	MN	-21	28	2	42	39
11	8.5	17	12.2	13	7.9	DOUGLAS	MN	45	-36	-7	34	36
12	9.7	20*	15.5	17	13.9	FARIBAULT	MN	59	-10	43	69	90
12	8.5	20	13.9	10	8.1	FILLMORE	MN	63	-42	-5	35	38
15	8.5	13	6.7	22	11.0	FREEBORN	MN	-21	64	29	63	73
21	11.2	19	9.2	17	8.4	GOODHUE	MN	-18	-8	-25	20	42
4	9.4	8	14.2	8	12.4	GRANT	MN	51	-13	32	65	83
348*	10.4	391	10.7	367	9.5	HENNEPIN	MN	2	-11	-9	31	57
13*	15.0	8	7.6	11	10.0	HOUSTON	MN	-49	31	-33	15	63
8	13.0	11	17.4	6	5.9	HUBBARD	MN	34	-66	-55	06	17
7	9.8	7	7.3	7	7.0	ISANTI	MN	-25	-4	-28	18	26
21	11.4	24	12.8	16	7.8	ITASCA	MN	12	-39	-32	16	34
5	6.4	10	11.3	7	7.7	JACKSON	MN	77	-32	19	56	33
4	8.2	7	11.8	5	7.5	KANABEC	MN	44	-36	-9	32	31
10	5.8	13	7.4	21	10.8	KANDIYOHI	MN	27	47	87	82	71
7	13.9	5	9.1	2	5.2	KITTSON	MN	-34	-43	-62	03	13
10	12.9	6	6.3	11	11.6	KOOCHICHING	MN	-51	85	-10	31	78
10	12.7	7	9.4	6	8.0	LAC QUI PARLE	MN	-26	-15	-37	13	36
4	9.3	6	13.8	2	4.1	LAKE	MN	48	-70	-55	06	08
1	3.1	2	8.0	5	13.1	LAKE OF THE WOODS	MN	161	63	325	97	87
17*	15.8	16	14.1	20*	15.7	LE SUEUR	MN	-10	11	-1	40	94
6	10.3	5	8.9	2	3.2	LINCOLN	MN	-13	-64	-69	02	06
11	9.3	15	11.9	14	9.6	LYON	MN	29	-19	4	44	59
16	12.3	19	13.4	18	11.3	MC LEOD	MN	9	-15	-7	33	76
4	14.4	5	17.4	4	12.5	MAHNOMEN	MN	21	-28	-13	28	83
11	13.0	11	12.2	8	8.3	MARSHALL	MN	-7	-28	-33	15	47
16	12.6	16	11.5	16	12.4	MARTIN	MN	-9	8	-2	39	83
13	12.8	6	6.3	13	10.3	MEEKER	MN	-51	63	-19	24	66
13*	18.7	16*	16.5	5	4.7	MILLE LACS	MN	-12	-71	-75	01	11
9	6.4	10	6.4	13	7.7	MORRISON	MN	0	20	20	56	33
18	8.9	17	8.0	16	6.6	MOWER	MN	-9	-17	-25	20	23
7	9.5	9	13.5	9	13.6	MURRAY	MN	42	0	42	69	88
8	7.0	14	11.7	10	8.1	NICOLLET	MN	67	-30	16	53	39
10	9.6	11	9.1	15	11.1	NOBLES	MN	-6	22	15	53	73
3	4.6	8	14.5	8	8.7	NORMAN	MN	218	-40	92	83	47
22	8.5	43*	13.9	32	9.6	OLMSTED	MN	64	-31	12	51	58
24	7.8	37	13.5	32	9.8	OTTER TAIL	MN	74	-27	27	61	61
4	6.1	4	4.6	12	13.2	PENNINGTON	MN	-24	185	117	87	87
7	6.7	9	9.7	7	6.2	PINE	MN	44	-35	-7	34	20
8	10.5	11	13.2	10	11.4	PIPESTONE	MN	25	-13	9	48	77
17	8.5	18	9.0	19	8.9	POLK	MN	6	-1	5	45	49
11*	14.0	11	14.1	5	6.6	POPE	MN	1	-53	-53	07	22
183*	11.3	229*	12.4	195	10.1	RAMSEY	MN	10	-18	-10	31	64
5	14.5	2	11.2	2	5.2	RED LAKE	MN	-23	-54	-64	03	13

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
8	7.3	11	8.8	13	11.3	REDWOOD MN	21	28	55	74	76
15	11.4	26*	19.6	21*	15.5	RENVILLE MN	72	-21	36	66	93
17	9.2	23	11.8	21	10.4	RICE MN	29	-12	14	52	68
1	1.6	7	11.2	6	8.6	ROCK MN	590	-24	427	98	44
8	11.7	4	5.0	11	16.0	ROSEAU MN	-57	218	38	67	94
136*	11.5	114	9.8	116	10.1	ST LOUIS MN	-15	4	-12	28	64
7	8.3	11	8.3	15	10.2	SCOTT MN	1	22	23	59	65
4	6.3	6	7.2	9	8.6	SHERBURNE MN	14	20	37	67	45
9	9.9	10	10.7	11	11.6	SIBLEY MN	8	9	17	54	78
34	10.0	43	10.7	49	11.3	STEARNS MN	7	6	13	51	76
14	12.5	11	8.8	14	9.2	STEELE MN	-30	5	-26	19	53
10*	18.6	6	9.2	6	10.7	STEVENS MN	-50	16	-42	10	70
5	5.9	5	6.0	9	9.3	SWIFT MN	1	56	58	75	55
10	7.4	10	6.4	14	8.6	TODD MN	-13	34	16	54	44
2	4.5	5	15.6	6	12.9	TRAVERSE MN	249	-17	190	93	86
16*	16.6	11	10.5	13	11.5	WABASHA MN	-36	9	-31	17	77
7	11.0	7	9.7	10	11.3	WADENA MN	-12	16	2	43	75
6	7.1	11	12.3	11	11.9	WASECA MN	73	-3	68	78	80
12	6.1	29	11.1	26	8.7	WASHINGTON MN	82	-22	43	69	47
3	3.8	11	13.5	12	14.3	WATONWAN MN	254	6	276	96	91
12*	23.7	5	9.8	3	6.1	WILKIN MN	-59	-38	-74	01	18
24	12.2	23	10.8	24	10.8	WINONA MN	-11	0	-12	29	71
17	10.2	17	8.7	30	12.8	WRIGHT MN	-15	48	25	61	85
13*	14.9	8	8.9	13	12.4	YELLOW MEDICINE MN	-40	39	-16	26	83
440	8.2	620*	10.4	703*	10.2	MISSISSIPPI MS	27	-2	25		
6	9.6	8	13.6	13*	15.7	ADAMS MS	42	15	64	77	94
4	4.0	11	9.8	22*	17.0	ALCORN MS	143	74	322	97	95
3	7.5	4	10.7	4	7.8	AMITE MS	43	-27	4	44	34
5	7.2	7	9.3	10	14.3	ATTALA MS	29	53	98	84	91
2	9.3	1	6.8			BENTON MS	-27				
5	5.2	6	8.4	4	4.5	BOLIVAR MS	61	-46	-13	28	10
2	3.5	6	10.9	7	10.1	CALHOUN MS	213	-7	190	93	64
3	9.5	9*	31.7	1	4.7	CARROLL MS	233	-85	-51	07	10
2	5.1	4	7.0	4	6.9	CHICKASAW MS	38	-1	37	67	25
1	2.1	3	7.2	3	8.4	CHOCTAW MS	243	16	299	96	42
		2	14.9	1	6.3	CLAIBORNE MS		-58			20
5	8.9	1	2.1	4	7.5	CLARKE MS	-76	254	-16	26	31
2	6.6	4	10.0	6	12.6	CLAY MS	52	25	90	83	84
6	12.0	3	4.3	7	11.6	COAHOMA MS	-64	168	-3	37	78
7	10.3	16*	21.6	8	12.1	COPIAH MS	109	-44	17	54	81
1	2.3	8	17.2	7	13.0	COVINGTON MS	631	-25	452	98	86
1	2.9	8	13.2	6	4.5	DE SOTO MS	349	-66	52	73	09
11	8.9	14	8.0	19	10.4	FORREST MS	-10	30	17	54	68
3	8.6	1	3.5	1	2.6	FRANKLIN MS	-59	-26	-70	02	04
3	8.1	3	6.4	9	16.7	GEORGE MS	-21	162	106	86	95
4	11.3	5	15.7	7*	20.0	GREENE MS	39	23	78	80	98
1	4.4	2	3.7	6	11.4	GRENADA MS	-14	205	161	91	76
1	1.5	8	11.5	10	10.9	HANCOCK MS	646	-5	610	99	72
20	6.3	32	8.0	47	10.3	HARRISON MS	28	29	65	77	67
32	9.4	53	11.8	55	11.1	HINDS MS	26	-6	18	55	74
4	9.2	5	13.9	3	6.7	HOLMES MS	52	-52	-27	19	24
1	3.9	2	6.8	5	21.8	HUMPHREYS MS	75	218	456	98	98
1	10.8					ISSAQUENA MS					
7	9.5	10	12.7	7	7.6	ITAWAMBA MS	34	-40	-20	23	32
10	8.2	16	8.3	24	8.5	JACKSON MS	1	3	4	44	44
4	8.8	6	12.6	3	5.9	JASPER MS	43	-53	-33	15	17
2	12.8					JEFFERSON MS					
4	13.4	5	16.3	6	19.8	JEFFERSON DAVIS MS	22	21	48	71	97
18	10.8	14	7.5	28	13.1	JONES MS	-31	74	21	57	86
2	6.4	3	9.0	1	2.7	KEMPER MS	41	-70	-57	05	05
2	3.4	5	8.5	10	13.2	LAFAYETTE MS	151	55	288	96	87
4	8.1	7	12.2	4	4.2	LAMAR MS	50	-65	-48	08	08
16	8.3	23	11.3	24	10.9	LAUDERDALE MS	37	-4	32	64	72
2	5.7	4	10.3	6	14.7	LAWRENCE MS	82	42	158	91	92
3	4.7	11*	16.9	10	17.1	LEAKE MS	262	1	267	96	95
13	9.4	14	9.0	15	8.4	LEE MS	-4	-6	-11	30	43
8	12.2	16*	23.8	12	15.8	LEFLORE MS	96	-34	30	63	94
7	8.9	14*	16.3	8	7.3	LINCOLN MS	83	-55	-18	25	29
10	11.3	11	8.9	4	3.1	LOWNDES MS	-21	-65	-72	02	05
7	14.2	6	12.1	11*	18.8	MADISON MS	-15	55	32	65	97
3	4.2	6	9.3	12	14.5	MARION MS	119	56	243	95	91
2	5.2	2	5.6	7	12.8	MARSHALL MS	6	129	144	90	85
7	7.3	11	9.9	16	12.7	MONROE MS	36	27	73	79	84
7*	19.5	2	5.0	7	14.5	MONTGOMERY MS	-75	192	-26	20	91
5	6.1	10	11.8	3	3.1	NESHOBA MS	94	-74	-49	08	05
4	6.0	7	10.2	5	5.9	NEWTON MS	70	-42	-1	40	17
4	15.8	6*	25.5	2	9.9	NOXUBEE MS	61	-61	-37	13	62
4	10.3	9	18.0	2	2.5	OKTIBBEHA MS	75	-86	-76	01	04
5	9.5	6	10.7	5	7.0	PANOLA MS	12	-35	-27	19	26
4	6.1	8	9.5	13	13.7	PEARL RIVER MS	56	44	125	88	89
4	20.1			3	9.3	PERRY MS			-54	06	54
6	6.4	4	4.9	17*	16.2	PIKE MS	-24	229	151	90	94
3	3.6	6	7.6	12	13.5	PONTOTOC MS	112	77	274	96	88
6	8.1	11	12.8	6	5.5	PRENTISS MS	59	-57	-32	16	14
4	8.4	4	13.0	7*	21.7	QUITMAN MS	55	66	158	91	98
5	6.2	9	7.2	9	6.4	RANKIN MS	17	-12	3	43	21
6	9.6	5	7.9	12*	16.5	SCOTT MS	-17	107	72	79	95
		2	18.6	1	6.7	SHARKEY MS		-64			24
10	15.4	13*	17.3	13*	16.9	SIMPSON MS	12	-2	10	49	95
4	7.8	2	3.3	4	6.1	SMITH MS	-58	85	-22	22	18
3	11.8	3	10.4	5	14.7	STONE MS	-12	41	25	60	92
6	9.4	7	11.0	7	10.7	SUNFLOWER MS	17	-3	13	51	70
7	16.7	4	9.2	4	8.8	TALLAHATCHIE MS	-45	-4	-47	09	48
4	10.5	3	8.2	6	12.9	TATE MS	-22	57	23	59	86
2	3.0	8	12.5	4	4.9	TIPPAH MS	312	-61	60	76	11
5	7.6	9	10.9	10	10.7	TISHOMINGO MS	44	-2	41	68	70
1	5.4	2	12.9	3	19.3	TUNICA MS	138	49	256	96	97
7	8.2	3	3.7	10	10.4	UNION MS	-56	184	26	61	67
3	7.5	6	16.8	2	5.7	WALTHALL MS	123	-66	-25	20	15

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
7	7.7	11	11.7	14	12.0	WARREN MS	53	3	57	74	81
13	11.8	14	12.2	11	9.7	WASHINGTON MS	4	-21	-18	25	59
3	9.9	5	12.8	4	6.5	WAYNE MS	29	-49	-34	14	22
5	10.4	6	11.8	5	8.6	WEBSTER MS	14	-27	-17	25	44
1	4.9	1	5.4	2	9.3	WILKINSON MS	11	72	90	83	54
9	16.3	11*	16.5	8	11.1	WINSTON MS	13	-40	-32	16	74
5	11.4	7	16.6	2	3.2	YALOBUSHA MS	46	-81	-72	01	06
11*	18.7	6	10.0	8	11.8	YAZOO MS	-46	18	-37	13	79
1552	8.0	2022	9.8	2016	9.3	MISSOURI MO	23	-5	16		
11	9.9	11	10.7	7	6.2	ADAIR MO	8	-42	-37	13	19
10	15.6	3	4.0	4	4.8	ANDREW MO	-74	20	-69	02	11
4	6.7	5	7.7	2	4.0	ATCHISON MO	15	-48	-40	11	08
11	8.9	9	7.0	8	6.0	AUDRAIN MO	-22	-14	-32	15	18
5	4.5	15	12.5	10	6.2	BARRY MO	162	-50	40	68	19
3	4.2	5	8.7	13*	14.5	BARTON MO	107	66	244	95	91
10	8.7	14	13.5	12	10.2	BATES MO	55	-25	17	54	65
2	6.5	9	11.2	6	5.4	BENTON MO	72	-52	-18	25	13
6	10.1	3	5.0	5	8.9	BOLLINGER MO	-51	80	-11	29	49
11	5.3	19	8.2	28	10.1	BOONE MO	54	23	90	83	63
37	7.8	57	12.3	36	7.9	BUCHANAN MO	58	-36	1	42	36
18	10.4	18	9.8	22	11.7	BUTLER MO	-6	20	12	51	78
3	3.5	4	4.6	4	8.2	CALDWELL MO	33	78	136	89	40
6	4.1	11	8.5	12	8.1	CALLAWAY MO	106	-5	96	84	37
8	14.0	6	8.8	5	5.9	CAMDEN MO	-37	-33	-58	05	17
23	12.6	28	13.4	21	8.5	CAPE GIRARDEAU MO	6	-37	-33	15	43
10	10.9	11	13.7	9	11.6	CARROLL MO	25	-15	6	46	78
4	14.0	2	9.4	1	4.6	CARTER MO	-33	-51	-67	03	10
5	3.6	23*	14.1	18	9.1	CASS MO	295	-35	155	91	52
5	9.5	4	9.2	7	7.8	CEDAR MO	-3	-16	-18	25	35
9	10.8	8	8.2	5	8.1	CHARITON MO	-24	-1	-25	20	38
5	6.4	4	5.4	15*	15.5	CHRISTIAN MO	-14	184	144	90	93
3	7.0	6	9.3	5	7.5	CLARK MO	34	-19	8	47	31
26	9.4	37	10.2	37	8.0	CLAY MO	8	-21	-15	26	37
8	12.0	3	4.3	5	5.9	CLINTON MO	-64	39	-51	07	17
11	6.2	18	9.3	18	8.5	COLE MO	52	-9	38	67	44
1	1.1	12	12.8	6	6.0	COOPER MO	1038	-53	433	98	18
5	6.7	11	12.6	6	6.3	CRAWFORD MO	87	-50	-7	34	20
2	3.3	3	4.5	2	4.6	DADE MO	34	2	37	67	10
8	13.5	6	8.3	4	5.7	DALLAS MO	-39	-31	-57	05	16
4	6.3	11	15.1	6	8.1	DAVIESS MO	138	-46	27	62	37
2	5.0	6	15.5	6	12.1	DE KALB MO	209	-22	141	90	81
7	11.3	9	14.9	6	6.7	DENT MO	32	-55	-41	11	23
5	8.5	8	12.6	4	5.7	DOUGLAS MO	48	-55	-33	15	15
8	4.2	18	9.2	24	12.3	DUNKLIN MO	119	33	190	93	82
12	5.8	18	6.8	30	9.9	FRANKLIN MO	17	46	71	79	62
5	7.8	8	8.9	7	8.1	GASCONADE MO	15	-9	4	44	38
4	6.5	8	13.5	9	19.8	GENTRY MO	106	47	202	94	97
48	8.4	61	9.5	51	6.8	GREENE MO	13	-28	-19	24	24
5	5.6	9	9.1	7	9.3	GRUNDY MO	64	2	67	77	55
3	3.7	6	9.5	9	12.2	HARRISON MO	157	29	231	95	82
14	10.8	18	12.3	8	5.6	HENRY MO	14	-54	-48	08	15
2	5.1	5	13.0	1	2.2	HICKORY MO	157	-63	-56	05	04
3	4.5	6	9.3	6	13.3	HOLT MO	105	44	195	93	87
6	9.0	6	8.5	6	12.1	HOWARD MO	-6	42	34	65	81
9	6.9	15	11.1	10	6.1	HOWELL MO	61	-45	-11	29	19
3	6.5	8	15.2	7	11.8	IRON MO	135	-22	83	81	79
218	9.1	249	10.1	239	10.0	JACKSON MO	11	-1	10	49	62
35	8.6	37	9.1	51	12.0	JASPER MO	7	32	41	68	81
20	7.9	32	9.6	44	8.8	JEFFERSON MO	21	-9	11	50	47
12	9.0	15	10.8	11	7.7	JOHNSON MO	20	-29	-14	27	34
4	8.1	2	4.3	6	12.4	KNOX MO	-46	186	53	73	83
7	6.9	14	13.9	16	12.9	LACLEDE MO	102	-7	87	82	86
17	12.1	8	5.7	12	7.3	LAFAYETTE MO	-53	28	-40	12	28
9	7.7	11	8.0	19	11.3	LAWRENCE MO	3	41	46	71	75
3	3.6	10	16.1	5	8.0	LEWIS MO	353	-50	126	88	37
8	10.1	7	7.8	10	8.8	LINCOLN MO	-23	14	-12	29	48
10	10.1	17	17.2	9	8.1	LINN MO	70	-53	-20	23	38
8	8.4	7	9.0	7	6.1	LIVINGSTON MO	7	-32	-27	19	19
2	2.7	8	8.9	3	3.7	MC DONALD MO	227	-58	36	66	07
8	8.0	6	4.9	8	7.7	MACON MO	-39	57	-4	36	33
4	7.0	4	5.9	3	5.7	MADISON MO	-16	-3	-18	24	16
3	7.3	4	8.1	4	8.8	MARIES MO	11	9	21	57	47
11	6.7	16	10.5	19	11.9	MARION MO	55	13	76	80	79
3	10.3	1	4.1	6	20.4	MERCER MO	-61	403	98	84	98
6	7.2	15*	16.4	9	8.5	MILLER MO	126	-48	18	55	44
5	5.9	11	15.1	7	9.1	MISSISSIPPI MO	156	-40	54	74	52
5	7.0	10	14.0	5	6.2	MONITEAU MO	100	-56	-11	29	19
4	7.8	9	13.2	7	10.6	MONROE MO	69	-19	37	66	70
6	7.2	7	8.7	7	8.7	MONTGOMERY MO	21	0	21	57	47
1	2.1	7	8.5	15*	20.9	MORGAN MO	299	147	885	99	98
8	5.4	9	8.5	13	13.2	NEW MADRID MO	56	55	142	90	87
7	4.5	13	8.5	14	6.8	NEWTON MO	89	-20	52	73	24
8	5.6	11	8.8	9	6.6	NODAWAY MO	56	-25	17	54	23
1	1.4	5	7.4	8	11.6	OREGON MO	437	57	742	99	78
4	7.5	8	11.0	9	12.4	OSAGE MO	47	13	65	77	83
2	4.6	7	13.5	1	2.1	OZARK MO	196	-65	-55	06	03
7	7.3	24*	20.7	14	14.7	PEMISCOT MO	184	-29	102	85	92
7	8.7	9	10.4	11	11.1	PERRY MO	20	8	29	63	74
16	8.4	27*	13.6	18	9.4	PETTIS MO	62	-31	12	51	56
4	3.5	13	10.3	18	11.3	PHELPS MO	199	9	227	95	75
7	6.5	15	15.0	12	12.2	PIKE MO	129	-18	87	82	82
8	9.0	16	13.8	10	6.5	PLATTE MO	53	-53	-28	18	21
10	10.1	10	11.6	12	11.9	POLK MO	14	3	18	55	80
4	5.8	7	8.5	12	12.0	PULASKI MO	47	42	108	86	81
3	5.4	7	12.5	4	6.5	PUTNAM MO	131	-49	19	56	21
2	3.1	3	6.0	4	7.4	RALLS MO	90	24	136	89	30
12	8.5	13	8.9	9	6.3	RANDOLPH MO	5	-30	-27	19	20
9	9.3	9	8.4	6	5.5	RAY MO	-10	-34	-41	11	14
1	2.9	5	15.8	4	10.1	REYNOLDS MO	453	-37	251	95	63

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
3	4.5	4	4.5	8	10.5	RIPLEY MO	1	131	134	89	68
16	10.7	27	10.2	39	11.7	ST CHARLES MO	-5	15	9	49	78
3	4.5	7	9.6	8	12.7	ST CLAIR MO	113	31	180	93	84
3	4.6	3	4.1	6	8.3	STE GENEVIEVE MO	-9	101	82	81	41
20	11.6	21	11.1	22	10.5	ST FRANCOIS MO	-5	-5	-10	31	69
187	8.9	312	10.1	345	9.4	ST LOUIS COUNTY MO	15	-7	6	46	56
14	10.2	8	5.2	14	9.5	SALINE MO	-49	82	-8	33	57
5	13.1			8*	22.6	SCHUYLER MO			72	79	98
3	6.8	7	15.6	1	1.4	SCOTLAND MO	129	-91	-79	01	03
10	6.1	10	6.9	15	9.1	SCOTT MO	12	32	48	71	52
1	2.7	3	6.4	2	4.0	SHANNON MO	132	-36	48	71	08
10	20.4	4	7.7	5	9.7	SHELBY MO	-63	26	-53	07	59
12	7.4	11	7.0	19	11.1	STODDARD MO	-5	59	51	72	74
4	7.9	3	5.4	7	8.7	STONE MO	-32	63	10	49	47
8	13.2	8	14.2	5	6.9	SULLIVAN MO	8	-51	-48	09	25
4	6.8	4	5.1	11	8.9	TANEY MO	-25	76	31	64	49
5	4.8	7	5.9	9	6.4	TEXAS MO	23	9	35	66	21
6	4.1	12	9.4	13	11.9	VERNON MO	128	27	190	93	80
2	3.7	5	8.8	9	12.8	WARREN MO	140	45	247	95	85
4	6.2	7	10.8	3	3.7	WASHINGTON MO	74	-66	-41	11	07
1	2.1	3	4.0	3	3.6	WAYNE MO	91	-9	73	79	07
11	12.0	7	7.0	6	6.1	WEBSTER MO	-42	-13	-49	08	19
3	12.2	2	5.6	2	8.3	WORTH MO	-54	47	-32	16	41
7	7.3	5	5.1	13	13.2	WRIGHT MO	-30	158	80	81	87
271	9.0	239	9.1	203*	10.9	ST LOUIS CITY MO	1	20	21	57	72
286	9.4	312	9.5	290	8.5	MONTANA MT	1	-11	-10		
1	2.3	4	9.8	9*	19.1	BEAVERHEAD MT	318	95	715	99	97
2	6.4	3	9.5	3	8.6	BIG HORN MT	49	-10	35	66	45
5	12.6	3	8.5	7*	23.0	BLAINE MT	-32	169	83	81	98
1	5.7	2	13.6	1	4.9	BROADWATER MT	138	-64	-14	27	11
9*	17.9	4	6.6	6	11.8	CARBON MT	-63	78	-34	14	79
1	7.5	1	8.6			CARTER MT	15				
25	9.7	32	9.4	36	10.9	CASCADE MT	-3	15	12	51	72
3	6.4	5	12.2			CHOUTEAU MT	92				
7	10.9	11	16.6	5	6.4	CUSTER MT	54	-62	-41	11	21
4	50.3	4	26.9			DANIELS MT	-46				
3	5.1	6	11.2	5	10.3	DAWSON MT	118	-8	101	85	66
8	8.2	5	5.8	4	5.5	DEER LODGE MT	-29	-5	-32	15	14
3	17.4	1	5.7			FALLON MT	-67				
8	10.3	6	9.0	2	2.1	FERGUS MT	-13	-77	-80	00	04
18	10.3	22	11.6	24	11.3	FLATHEAD MT	12	-3	9	48	75
10	10.3	9	7.9	6	4.5	GALLATIN MT	-23	-43	-56	05	10
1	7.5	2	20.9	3*	44.1	GARFIELD MT	180	111	489	98	99
2	4.8	2	7.0	5	18.7	GLACIER MT	46	168	292	96	97
				1	12.7	GOLDEN VALLEY MT					85
2	8.6	2	11.7	1	6.7	GRANITE MT	36	-43	-22	22	23
6	9.2	9	11.9	9	12.1	HILL MT	29	2	31	64	81
1	4.5	1	3.8	1	3.6	JEFFERSON MT	-15	-5	-19	24	07
		1	5.9	3	18.6	JUDITH BASIN MT		215			97
		4	7.4	2	2.9	LAKE MT		-61			05
14	10.8	14	10.0	15	9.8	LEWIS AND CLARK MT	-8	-2	-10	31	61
2	14.0			1	6.0	LIBERTY MT			-57	05	18
		7	13.3	6	7.4	LINCOLN MT		-45			30
1	4.5			1	6.2	MC CONE MT			37	66	19
		2	6.1	5	14.1	MADISON MT		130			90
				2	13.9	MEAGHER MT					90
		1	6.5	4*	23.5	MINERAL MT		261			99
16	8.3	23	11.3	19	7.3	MISSOULA MT	37	-36	-12	28	28
5	15.3	2	7.1	2	6.7	MUSSELSHELL MT	-54	-5	-56	05	24
5	6.4	4	5.2	8	10.1	PARK#MT	-19	95	57	75	64
1	17.0	2*	34.7	1	32.2	PETROLEUM MT	104	-7	89	83	99
2	8.7	3	8.4	1	4.5	PHILLIPS MT	-4	-47	-49	08	10
4	16.3	3	9.8	5	15.5	PONDERA MT	-40	57	-6	35	93
3	24.5	1	8.5	1	7.5	POWDER RIVER MT	-65	-12	-69	02	31
6	15.3	1	2.9	2	6.0	POWELL MT	-81	110	-61	04	18
6	7.0	6	6.4	7	7.0	RAVALLI MT	-8	10	1	42	26
7	11.5	9	18.3	4	10.9	RICHLAND MT	59	-40	-5	36	72
5	11.3	4	8.5	1	2.7	ROOSEVELT MT	-25	-68	-76	01	05
3	10.9	3	10.5	3	11.1	ROSEBUD MT	-4	6	2	42	74
2	3.6	5	10.1	6	12.7	SANDERS MT	181	27	256	96	85
		10*	25.6	3	7.7	SHERIDAN MT		-70			34
26	11.8	21	9.9	17	8.6	SILVER BOW MT	-16	-13	-27	19	46
2	5.9	2	6.2	2	5.6	STILLWATER MT	5	-10	-5	36	15
2	8.3	2	9.3	1	3.9	SWEET GRASS MT	12	-58	-53	07	08
4	13.5	2	4.7	5	12.2	TETON MT	-65	161	-10	31	82
8*	21.4	3	7.9	1	4.3	TOOLE MT	-63	-46	-80	00	09
3	3.8	4	5.9	3	5.8	VALLEY MT	54	-2	51	72	16
3	14.5	2	10.0	1	5.9	WHEATLAND MT	-31	-41	-59	04	17
1	13.8	1	8.6			WIBAUX MT	-38				
35*	12.2	36	10.6	30	7.6	YELLOWSTONE MT	-13	-28	-37	13	32
656*	9.6	790*	10.8	823*	10.7	NEBRASKA NB	13	-1	12		
10	6.1	14	8.4	27*	16.4	ADAMS NB	38	95	170	92	95
6	9.6	5	8.4	7	12.7	ANTELOPE NB	-12	51	32	65	85
		1	26.4			ARTHUR NB					
				1	37.2	BANNER NB					99
1	21.0	1	22.2	2*	27.8	BLAINE NB	6	25	33	65	99
8	13.9	8	13.3	2	3.4	BOONE NB	-4	-74	-75	01	06
4	7.9	5	8.4	7	11.7	BOX BUTTE NB	6	39	48	71	78
3	15.3	3	9.5	4	16.3	BOYD NB	-38	71	6	46	94
4	12.4	4	17.7	2	9.5	BROWN NB	43	-46	-23	21	58
14	10.2	15	11.0	12	7.1	BUFFALO NB	8	-36	-31	17	26
4	6.5	5	10.8	10	13.0	BURT NB	66	21	100	85	86
9	13.7	8	11.6	8	12.0	BUTLER NB	-16	3	-13	28	80
7	7.5	13	13.6	6	6.0	CASS NB	82	-56	-21	23	17
8	10.3	2	3.0	6	7.6	CEDAR NB	-71	154	-26	19	32
		2	11.7	5	15.9	CHASE NB		36			94
2	5.3	2	4.9	5	13.1	CHERRY NB	-6	166	149	90	87

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
7	14.0	5	8.2	5	8.1	CHEYENNE	NB	-41	-1	-42	11	38
4	6.5	10*	20.4	3	4.8	CLAY	NB	214	-76	-26	20	11
8	15.4	6	9.9	7	10.0	COLFAX	NB	-36	1	-35	14	63
6	9.0	13*	19.3	6	7.5	CUMING	NB	114	-61	-17	26	31
7	6.4	14	14.4	12	12.6	CUSTER	NB	124	-12	96	84	84
2	4.8	6	9.4	6	9.2	DAKOTA	NB	98	-3	92	83	53
4	7.4	5	8.7	3	5.4	DAWES	NB	17	-38	-27	19	14
12	11.3	11	10.0	12	10.5	DAWSON	NB	-11	4	-8	33	68
		1	4.1	3	17.8	DEUEL	NB		332			96
3	6.5	5	10.5	4	6.8	DIXON	NB	61	-36	4	44	24
16	10.7	27*	16.3	20	10.7	DODGE	NB	52	-34	0	40	70
121	9.5	166*	11.3	157	10.6	DOUGLAS	NB	19	-7	11	50	69
				1	4.2	DUNDY	NB					08
5	9.0	6	9.7	11*	18.1	FILLMORE	NB	7	87	101	85	96
4	11.6	5	17.0	2	6.9	FRANKLIN	NB	46	-59	-40	11	25
3	9.9	2	8.7	2	7.2	FRONTIER	NB	-12	-17	-27	19	28
4	6.6	5	8.7	3	6.6	FURNAS	NB	32	-24	0	41	22
17	12.5	11	7.4	16	10.0	GAGE	NB	-41	35	-20	23	62
2	10.4	2	13.1	4*	63.1	GARDEN	NB	26	380	506	98	99
2	12.6	3	16.3	2	14.6	GARFIELD	NB	29	-10	16	53	92
2	22.1	2	15.7	3	19.9	GOSPER	NB	-29	27	-10	31	98
2	6.5	7*	29.6	1	4.0	GREELEY	NB	357	-87	-39	12	08
20	11.3	22	10.9	31*	13.7	HALL	NB	-4	26	21	57	89
2	4.0	8	14.6	5	10.2	HAMILTON	NB	263	-50	153	91	65
8*	23.1	6	14.9	4	10.6	HARLAN	NB	-35	-29	-54	06	69
1	10.1	1	8.8	1	10.3	HAYES	NB	-13	17	2	42	66
4	12.6	5	17.9	6*	20.3	HITCHCOCK	NB	42	14	61	76	98
10	12.9	10	12.3	10	11.5	HOLT	NB	-4	-7	-11	30	77
		1	35.0	1	25.6	HOOKER	NB		-27			99
3	6.4	5	14.2	6	13.2	HOWARD	NB	123	-7	107	86	87
5	6.5	8	12.1	10	13.0	JEFFERSON	NB	85	7	99	85	86
4	11.9	6	13.9	3	7.3	JOHNSON	NB	17	-48	-39	12	29
1	1.8	5	12.7	10*	23.9	KEARNEY	NB	596	88	1210	99	99
3	8.2	2	4.2	5	13.0	KEITH	NB	-50	212	57	75	86
		4*	46.8			KEYA PAHA	NB					
3	16.0	3	8.8	6*	23.7	KIMBALL	NB	-45	170	48	71	99
6	7.8	7	9.7	8	10.8	KNOX	NB	24	11	38	67	71
62	10.0	73	10.7	77	11.0	LANCASTER	NB	7	3	10	49	73
14	11.6	22*	14.9	19	11.7	LINCOLN	NB	28	-21	1	41	79
		1	20.2	2*	44.8	LOGAN	NB		122			99
				1	74.3	LOUP	NB					99
		1	30.4			MC PHERSON	NB					
10	6.5	9	6.5	19	11.0	MADISON	NB	0	70	69	78	73
5	10.3	7	15.0	6	10.5	MERRICK	NB	46	-30	2	43	69
4	10.9	5	12.5	6	13.4	MORRILL	NB	14	8	23	59	88
5	13.4			6	14.4	NANCE	NB			7	46	91
4	6.7	4	7.8	6	10.2	NEMAHA	NB	17	30	52	73	65
5	10.5	3	5.1	4	7.9	NUCKOLLS	NB	-51	55	-24	21	36
8	7.8	10	10.0	12	12.0	OTOE	NB	27	20	54	73	81
7*	15.5	2	4.1	5	12.8	PAWNEE	NB	-74	213	-17	25	85
2	7.8	4	17.3	2	10.3	PERKINS	NB	121	-40	32	64	66
4	7.7	9	14.3	10	18.2	PHELPS	NB	86	27	137	89	96
4	8.1	6	12.1	4	9.2	PIERCE	NB	49	-24	13	51	53
14	13.3	10	7.7	14	10.3	PLATTE	NB	-42	33	-22	22	67
2	4.0	6	11.8	4	9.4	POLK	NB	197	-21	135	89	56
12*	18.2			7	10.0	RED WILLOW	NB			-45	10	62
8	8.8	9	10.7	6	7.0	RICHARDSON	NB	22	-34	-20	23	26
		1	5.9	5*	29.1	ROCK	NB		394			99
12	14.5	11	13.9	13	12.0	SALINE	NB	-5	-14	-18	25	80
10	16.5	10	7.7	21	11.2	SARPY	NB	-54	46	-32	15	75
8	7.4	15	13.5	8	6.8	SAUNDERS	NB	82	-50	-9	32	24
16	10.6	19	11.7	14	8.0	SCOTTS BLUFF	NB	10	-32	-25	20	37
8	9.7	4	5.0	4	4.5	SEWARD	NB	-49	-10	-54	06	10
4	9.5	7	14.0	6	12.4	SHERIDAN	NB	47	-11	31	64	83
4	10.3	2	5.3	5	18.7	SHERMAN	NB	-49	251	81	81	97
2	16.7	1	8.3			SIOUX	NB	-50				
1	2.7	2	6.0	4	11.5	STANTON	NB	123	91	327	97	77
4	6.4	7	14.6	6	8.6	THAYER	NB	128	-41	34	65	45
				1	13.4	THOMAS	NB					88
1	2.5	4	14.6	1	3.9	THURSTON	NB	472	-73	54	74	08
4	9.1	8*	16.8	4	9.9	VALLEY	NB	85	-41	9	48	62
5	7.9	3	4.2	6	7.7	WASHINGTON	NB	-47	81	-3	37	33
8	16.7	11*	19.5	9	18.4	WAYNE	NB	17	-6	10	49	96
3	7.4	1	2.2	6	15.2	WEBSTER	NB	-71	600	104	85	93
				1	17.2	WHEELER	NB					96
15*	17.3	8	9.8	6	7.1	YORK	NB	-44	-27	-59	04	27
69	7.2	143	9.8	180	8.2	NEVADA	NV	36	-16	15		
6	18.3	5	11.4	10	15.5	CHURCHILL	NV	-38	37	-15	26	93
21	5.2	53	7.5	87	7.9	CLARK	NV	44	6	52	73	36
		2	7.8	5	18.5	DOUGLAS	NV		137			97
2	2.7	3	4.9	4	5.6	ELKO	NV	82	14	109	86	15
				1	17.7	ESMERALDA	NV					96
		2*	52.9			EUREKA	NV					
4	13.2	5	18.4	1	2.5	HUMBOLDT	NV	40	-87	-81	00	04
		2	26.4	4*	30.0	LANDER	NV		14			99
1	6.7	1	6.6	1	7.2	LINCOLN	NV	-1	9	8	47	28
2	6.2	3	8.4	4	8.5	LYON	NV	36	1	38	67	44
1	3.3	4	14.7	4	14.3	MINERAL	NV	346	-3	334	97	91
2	11.6	2	9.9	1	2.0	NYE	NV	-15	-80	-83	00	03
1	4.1	3	18.1	2	11.1	PERSHING	NV	339	-39	170	92	74
		1	20.6			STOREY	NV					
23	8.2	42	9.9	49	8.2	WASHOE	NV	20	-17	-1	39	39
4	8.2	4	8.9	5	12.1	WHITE PINE	NV	8	36	48	71	81
2	9.9	11*	20.8	2	2.6	ORMSBY-CARSON CITY	NV	111	-87	-74	01	04
248	8.8	320	10.3	328	9.0	NEW HAMPSHIRE	NH	17	-13	2		
11	7.7	23*	15.5	13	7.3	BELKNAP	NH	102	-53	-5	36	29
11	13.9	11	10.2	8	5.2	CARROLL	NH	-26	-49	-62	03	13

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
20	10.0	20	9.2	16	6.1	CHESHIRE	NH	-8	-33	-39	12	19
14	7.1	18	9.6	19	10.4	COOS	NH	35	9	47	71	67
37*	14.4	19	7.3	30	10.9	GRAFTON	NH	-50	49	-25	20	72
64	8.0	105	12.2	99	9.7	HILLSBOROUGH	NH	52	-21	21	57	59
29	8.4	43	11.2	31	7.2	MERRIMACK	NH	33	-36	-15	27	27
38	9.1	37	7.0	61	9.3	ROCKINGHAM	NH	-23	32	1	42	54
19	7.2	30	10.4	31	11.0	STRAFFORD	NH	44	5	51	72	73
3	4.0	14	9.4	20	11.6	SULLIVAN	NH	136	23	191	93	78
2031	8.7	2537	9.4	2630	8.8	NEW JERSEY	NJ	8	-6	2		
48	7.4	83	10.3	79	8.9	ATLANTIC	NJ	39	-14	20	57	49
239	9.2	315	8.8	390	9.9	BERGEN	NJ	-4	13	9	48	62
54	7.3	90	9.9	80	7.3	BURLINGTON	NJ	36	-27	0	40	28
114	7.8	143	9.0	152	8.6	CAMDEN	NJ	15	-5	9	49	45
20	8.3	31	9.4	34	8.0	CAPE MAY	NJ	13	-15	-4	36	36
34	8.3	41	9.3	52	10.3	CUMBERLAND	NJ	12	11	24	60	66
376*	10.2	359	10.2	252	8.3	ESSEX	NJ	0	-19	-19	24	40
38	8.4	57	10.8	52	7.6	GLOUCESTER	NJ	28	-30	-10	31	32
262	9.1	264	9.6	233	9.4	HUDSON	NJ	6	-2	3	43	56
19	7.4	31	11.0	36	10.5	HUNTERDON	NJ	48	-4	41	68	68
86	7.7	92	8.1	101	8.7	MERCER	NJ	4	8	12	51	46
108	7.9	155	8.3	184	8.4	MIDDLESEX	NJ	6	0	6	46	42
102	8.3	154	9.5	169	8.5	MONMOUTH	NJ	15	-10	3	43	44
91	10.2	103	8.4	127	8.6	MORRIS	NJ	-17	1	-16	26	44
34	7.9	67	7.8	164	9.6	OCEAN	NJ	-1	23	21	58	59
155	9.5	183	9.8	162	8.4	PASSAIC	NJ	3	-14	-11	30	43
17	8.3	29	12.7	25	10.3	SALEM	NJ	53	-19	24	60	66
35	6.5	57	8.4	75	9.3	SOMERSET	NJ	30	10	43	69	54
14	6.6	24	8.3	28	7.6	SUSSEX	NJ	26	-9	15	52	32
144	7.8	230	10.6	204	9.3	UNION	NJ	36	-13	18	55	54
21	7.1	29	8.9	31	8.3	WARREN	NJ	25	-7	16	53	40
214	7.3	283	8.4	308	7.8	NEW MEXICO	NM	15	-8	6		
61	8.4	94	9.8	100	8.1	BERNALILLO	NM	16	-17	-4	37	38
		2	15.2			CATRON	NM					
11	7.6	20	12.7	23	11.2	CHAVES	NM	66	-12	46	70	74
2	2.1	4	5.7	6	9.0	COLFAX	NM	168	59	327	97	51
11	11.5	11	10.2	16	11.2	CURRY	NM	-11	9	-3	38	74
1	6.0	2	7.8			DE BACA	NM	31				
13	7.5	15	7.3	18	6.6	DONA ANA	NM	-2	-10	-11	29	23
15	9.8	13	7.8	17	9.2	EDDY	NM	-21	19	-6	35	54
5	4.2	11	12.9	5	4.9	GRANT	NM	207	-62	17	54	11
3	9.6	3	11.3	2	7.2	GUADALUPE	NM	17	-36	-25	20	28
		2	19.7	3*	35.8	HARDING	NM		82			99
3	10.6			3	14.4	HIDALGO	NM			36	66	91
5	2.3	13	9.6	14	6.8	LEA	NM	318	-29	196	93	24
3	7.4	2	4.1	3	6.7	LINCOLN	NM	-44	62	-9	32	23
5	54.7	1	.9	2	3.0	LOS ALAMOS	NM	-98	222	-94	00	05
1	2.1	6	11.9	6	9.8	LUNA	NM	466	-18	363	97	60
3	6.3	3	10.7	4	9.5	MC KINLEY	NM	72	-11	52	73	57
4	9.9	2	7.6			MORA	NM	-24				
3	4.5	8	8.6	5	4.5	OTERO	NM	91	-48	-1	40	10
4	6.7	5	9.5	4	6.5	QUAY	NM	41	-31	-3	38	22
8	7.7	7	6.7	6	7.1	RIO ARRIBA	NM	-14	5	-9	32	26
11	16.0	6	7.2	6	7.7	ROOSEVELT	NM	-55	7	-52	07	33
3	8.7	3	8.9	4	4.4	SANDOVAL	NM	3	-51	-49	08	09
3	3.9	5	2.7	12	8.2	SAN JUAN	NM	-30	200	109	86	40
4	3.7	4	3.5	10	10.8	SAN MIGUEL	NM	-5	213	196	93	72
10	6.0	14	7.7	10	4.5	SANTA FE	NM	29	-41	-24	21	10
6	12.6	5	8.4	3	3.7	SIERRA	NM	-34	-55	-70	02	07
2	7.4	1	2.4	3	9.0	SOCORRO	NM	-67	274	22	58	51
3	4.8	3	4.1	5	8.2	TAOS	NM	-14	99	72	79	39
1	3.7			3	8.6	TORRANCE	NM			134	89	44
4	11.8	5	14.2	5	16.0	UNION	NM	20	13	35	66	94
6	4.5	13	9.1	10	7.7	VALENCIA	NM	102	-15	70	78	33
6319*	9.1	6962	9.3	6682	9.0	NEW YORK	NY	2	-3	-1		
85	6.9	123	9.8	123	9.3	ALBANY	NY	43	-6	35	65	54
23	10.3	19	8.5	21	8.8	ALLEGANY	NY	-18	4	-15	27	48
580*	9.3	458	7.6	436	9.3	BRONX	NY	-18	22	0	40	54
70	7.6	69	6.9	105	10.3	BROOME	NY	-9	49	35	66	66
38	9.4	41	10.2	34	8.5	CATTARAUGUS	NY	9	-17	-9	32	44
39	10.0	35	9.2	40	10.3	CAYUGA	NY	-7	12	4	44	67
63	8.5	58	7.7	56	7.3	CHAUTAUQUA	NY	-9	-5	-14	27	29
31	6.9	46	9.9	36	8.1	CHEMUNG	NY	44	-19	17	54	38
14	6.7	24	11.2	19	8.4	CHENANGO	NY	66	-25	24	60	42
15	5.3	24	9.1	28	10.1	CLINTON	NY	73	10	91	83	64
27	11.0	34	12.2	23	7.5	COLUMBIA	NY	11	-38	-31	16	31
10	5.0	16	8.4	11	5.5	CORTLAND	NY	68	-34	10	49	14
18	7.7	23	9.4	21	8.0	DELAWARE	NY	21	-15	4	44	37
56	7.3	68	7.6	75	7.5	DUTCHESS	NY	4	-1	2	43	30
386	9.3	439	9.5	404	8.9	ERIE	NY	2	-6	-4	37	49
15	8.6	20	11.8	19	9.8	ESSEX	NY	37	-17	14	52	61
20	9.2	22	10.9	18	8.7	FRANKLIN	NY	18	-20	-6	35	46
21	7.5	22	8.3	21	7.3	FULTON	NY	12	-12	-2	38	29
28	11.4	22	8.9	36	12.9	GENESEE	NY	-22	46	14	52	86
14	7.7	18	9.7	21	9.8	GREENE	NY	25	2	27	62	61
1	4.7	1	2.7	3	9.3	HAMILTON	NY	-43	247	99	85	55
26	7.5	28	7.9	26	7.4	HERKIMER	NY	4	-6	-2	38	30
32	6.8	42	9.4	45	10.5	JEFFERSON	NY	38	12	54	74	68
1013	8.9	745	7.0	838	9.3	KINGS(BROOKLYN)	NY	-21	32	4	44	54
11	8.8	18*	15.0	6	4.8	LEWIS	NY	70	-68	-45	10	11
16	7.9	17	7.5	23	9.5	LIVINGSTON	NY	-6	27	20	57	57
23	8.9	30	11.3	19	6.5	MADISON	NY	28	-43	-27	19	22
243	10.0	250	8.9	264	9.1	MONROE	NY	-10	2	-9	32	51
36	11.2	24	7.3	44*	13.3	MONTGOMERY	NY	-35	82	19	56	87
393*	10.6	541*	10.3	530	9.2	NASSAU	NY	-3	-11	-14	27	53
778*	10.6	1157*	17.9	495	9.0	NEW YORK(MANHATTAN)	NY	69	-50	-15	27	51

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
84	8.6	93	9.2	92	8.9	NIAGARA	NY	7	-3	3	44	50
83	7.0	122	9.5	118	9.4	ONEIDA	NY	36	-1	34	65	56
164	9.4	165	8.7	181	9.4	ONONDAGA	NY	-7	8	1	41	56
31	9.5	32	9.1	48	12.2	ONTARIO	NY	-4	35	29	63	82
70	8.2	91	9.5	91	8.8	ORANGE	NY	16	-7	7	47	48
11	6.9	15	8.5	11	6.1	ORLEANS	NY	23	-28	-11	29	19
32	7.8	38	8.7	37	8.0	OSWEGO	NY	11	-7	3	43	37
33	12.3	31	10.9	26	8.4	OTSEGO	NY	-11	-23	-32	16	42
11	7.3	18	10.2	28	10.3	PUTNAM	NY	40	2	42	69	67
676*	9.2	622	7.4	760	8.9	QUEENS	NY	-20	21	-3	37	49
59	8.6	50	7.1	70	9.9	RENSSELAER	NY	-18	40	15	52	62
86	9.0	76	6.9	103	8.2	RICHMOND	NY	-24	18	-10	31	39
44	9.4	54	7.5	83	10.1	ROCKLAND	NY	-20	34	8	47	64
42	8.5	39	7.8	29	5.9	ST LAWRENCE	NY	-8	-24	-30	17	17
32	8.1	42	9.2	43	8.3	SARATOGA	NY	13	-10	2	42	41
80*	11.3	83	10.7	56	7.2	SCHENECTADY	NY	-6	-33	-37	13	28
11	8.9	20*	14.5	15	10.0	SCHOHARIE	NY	64	-31	13	51	63
7	8.6	7	8.8	6	7.2	SCHUYLER	NY	2	-18	-16	26	28
9	4.8	11	6.0	19	10.6	SENECA	NY	25	77	122	87	69
31	6.4	49	9.6	53	10.3	STEUBEN	NY	50	7	61	76	66
142	7.2	268	7.6	363	8.0	SUFFOLK	NY	6	5	12	51	37
18	7.2	39*	14.0	28	8.7	SULLIVAN	NY	94	-37	21	58	47
11	6.3	21	11.4	13	6.5	TIOGA	NY	82	-43	4	44	22
22	8.9	19	7.3	28	10.7	TOMPKINS	NY	-18	47	20	57	70
39	7.1	65	10.2	57	8.0	ULSTER	NY	44	-22	12	51	36
14	6.6	17	7.5	24	9.6	WARREN	NY	13	28	46	70	59
10	4.2	15	6.1	25	9.7	WASHINGTON	NY	46	60	133	69	60
31	9.9	33	9.6	29	8.2	WAYNE	NY	-2	-14	-16	26	40
293	9.9	364	10.2	367	9.7	WESTCHESTER	NY	3	-5	-3	38	59
15	8.1	17	9.3	20	11.1	WYOMING	NY	16	19	37	67	74
3	3.1	12	11.9	19*	18.5	YATES	NY	279	56	491	98	97
940	7.6	1320	9.1	1547	8.9	NORTH CAROLINA	NC	20	-2	18		
20	8.6	32	10.9	33	9.3	ALAMANCE	NC	26	-15	8	47	55
2	2.8	7	10.3	12	14.5	ALEXANDER	NC	273	40	424	98	91
5	14.1	4	10.0	4	7.1	ALLEGHANY	NC	-29	-29	-50	08	27
9	16.3	5	8.7	5	6.8	ANSON	NC	-47	-22	-58	05	24
9	9.4	7	6.8	11	9.3	ASHE	NC	-28	38	-1	39	56
3	5.2	10*	18.0	5	9.2	AVERY	NC	246	-49	78	80	53
7	6.3	9	8.5	8	6.7	BEAUFORT	NC	36	-21	7	47	23
4	8.5	6	12.6	6	13.4	BERTIE	NC	49	6	58	75	88
6	7.5	8	10.5	8	9.7	BLADEN	NC	40	-8	30	63	60
2	5.2	9	12.7	5	4.8	BRUNSWICK	NC	146	-62	-7	34	11
36	8.0	45	7.3	56	8.3	BUNCOMBE	NC	-8	12	3	44	40
14	8.4	19	8.9	26	10.4	BURKE	NC	6	17	24	59	67
17	8.8	28	13.2	28	8.9	CABARRUS	NC	50	-33	1	42	49
13	6.3	24	12.5	28	13.0	CALDWELL	NC	99	3	106	86	86
1	5.3	2	11.7	3	14.2	CAMDEN	NC	118	22	166	91	90
3	2.7	10	10.2	12	7.5	CARTERET	NC	272	-26	175	92	31
1	2.8	4	8.2	7	13.9	CASWELL	NC	192	69	393	97	90
24	8.7	31	11.2	33	10.2	CATAWBA	NC	29	-10	16	54	65
3	3.7	5	5.2	9	8.9	CHATHAM	NC	40	70	139	90	49
7	9.0	3	3.8	3	3.1	CHEROKEE	NC	-58	-18	-66	03	05
4	12.1	1	3.0	2	4.5	CHOWAN	NC	-75	46	-63	03	09
		3	8.6	4	12.5	CLAY	NC		44			83
18	9.7	16	7.3	23	8.4	CLEVELAND	NC	-25	16	-13	28	43
10	7.6	12	9.0	18	12.9	COLUMBUS	NC	20	43	71	79	86
9	8.7	16	11.6	13	7.3	CRAVEN	NC	34	-37	-16	26	29
13	3.7	27	9.1	29	8.8	CUMBERLAND	NC	144	-3	137	89	47
1	3.8	1	3.6	4	10.2	CURRITUCK	NC	-6	188	171	92	66
4	14.2	3	9.4	2	4.4	DARE	NC	-34	-53	-69	02	09
24	10.1	21	7.5	36	9.6	DAVIDSON	NC	-26	29	-5	36	59
4	6.5	5	6.7	15*	15.3	DAVIE	NC	4	126	136	89	93
10	11.6	12	10.5	13	12.2	DUPLIN	NC	-9	16	6	45	82
28	11.9	31	10.5	47*	12.4	DURHAM	NC	-12	18	5	45	83
5	4.5	10	8.8	11	9.2	EDGECOMBE	NC	95	5	104	85	53
44	9.0	68	13.0	65	9.8	FORSYTH	NC	44	-25	8	47	61
6	9.0	8	12.3	8	11.1	FRANKLIN	NC	36	-9	24	60	74
24	6.0	37	8.8	37	6.5	GASTON	NC	48	-26	10	49	22
1	4.6	1	4.0	3	12.6	GATES	NC	-12	211	174	92	84
		2	6.8	2	6.0	GRAHAM	NC		-12			18
7	9.2	5	5.8	7	6.8	GRANVILLE	NC	-36	16	-26	20	24
		2	11.5	4	12.0	GREENE	NC		4			80
51	8.0	65	8.1	78	8.4	GUILFORD	NC	1	4	5	45	42
6	5.1	14	12.1	8	6.0	HALIFAX	NC	137	-50	18	55	18
10	7.2	14	10.1	10	8.3	HARNETT	NC	40	-18	15	53	41
10	6.2	19	10.4	30*	14.1	HAYWOOD	NC	66	36	125	88	90
15	9.5	20	10.6	25	8.7	HENDERSON	NC	11	-18	-9	32	46
		2	4.6	4	7.2	HERTFORD	NC		57			28
1	3.8	4	12.2	6	16.6	HOKE	NC	224	36	341	97	95
1	5.1	1	4.6	3	13.9	HYDE	NC	-10	202	171	92	89
13	6.6	17	7.3	24	8.3	IREDELL	NC	12	13	26	61	40
5	6.2	5	6.9	6	6.0	JACKSON	NC	12	-12	-2	39	18
12	6.8	17	9.5	26	12.4	JOHNSTON	NC	39	31	82	81	83
3	15.1	1	3.0	5	17.7	JONES	NC	-80	465	17	54	96
4	4.5	8	9.6	9	8.3	LEE	NC	112	-13	84	81	41
5	3.9	18*	14.0	15	11.5	LENOIR	NC	255	-18	191	93	77
9	8.1	10	7.8	18	12.8	LINCOLN	NC	-5	64	57	75	85
9	9.9	9	7.1	9	6.6	MC DOWELL	NC	-28	-7	-33	15	23
5	6.2	5	6.0	9	8.1	MACON	NC	-3	35	31	64	38
10	12.5	3	3.1	2	2.0	MADISON	NC	-75	-37	-84	00	03
7	21.8	5	7.4	4	6.6	MARTIN	NC	-66	-11	-70	02	23
50	9.7	79	9.8	97	9.8	MECKLENBURG	NC	1	-1	1	41	60
7	9.6	4	6.5	7	9.5	MITCHELL	NC	-32	45	-1	39	57
5	8.7	9	12.9	5	6.3	MONTGOMERY	NC	49	-51	-27	18	20
10	8.9	14	10.6	18	9.6	MOORE	NC	19	-9	8	47	58
15	11.2	15	10.1	14	9.3	NASH	NC	-10	-9	-18	25	54
11	5.7	23	11.0	28	10.8	NEW HANOVER	NC	94	-2	90	83	71
4	7.6	1	1.9	2	3.3	NORTHAMPTON	NC	-75	80	-56	06	06
4	5.4	17	11.0	11	5.3	ONSLOW	NC	104	-52	-2	38	13

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
12	12.2	14	11.2	19	10.2	ORANGE	NC	-8	-9	-16	26	65
1	2.9	1	2.7	5	13.5	PAMLICO	NC	-5	391	364	97	88
6	11.5	8	10.9	6	8.9	PASQUOTANK	NC	-5	-19	-23	22	49
1	2.1	4	7.5	5	9.5	PENDER	NC	261	26	354	97	57
1	4.1	6*	23.3	3	8.6	PERQUIMANS	NC	475	-63	111	86	45
4	5.5	5	7.2	2	2.5	PERSON	NC	32	-66	-55	06	04
15	10.3	11	9.3	19	10.1	PITT	NC	-10	8	-2	38	63
3	7.4			5	7.1	POLK	NC			-4	36	27
17	8.4	23	8.4	31	8.9	RANDOLPH	NC	0	6	6	45	49
10	9.7	10	8.6	13	10.7	RICHMOND	NC	-11	24	10	49	70
7	3.6	17	11.2	14	8.4	ROBESON	NC	209	-25	132	89	42
19	8.5	19	7.5	28	9.9	ROCKINGHAM	NC	-12	31	15	53	62
15	5.6	32	10.2	27	6.9	ROWAN	NC	83	-32	24	60	25
10	5.8	15	8.1	14	6.4	RUTHERFORD	NC	39	-20	11	50	21
11	7.9	9	6.3	18	11.4	SAMPSON	NC	-19	79	45	70	76
6	14.2	5	8.5	1	1.2	SCOTLAND	NC	-40	-86	-92	00	03
4	2.6	13	7.6	15	8.2	STANLY	NC	196	8	220	94	39
6	7.3	4	4.1	5	4.9	STOKES	NC	-44	19	-34	14	11
16	8.4	14	7.0	18	7.5	SURRY	NC	-17	8	-11	30	31
4	12.6	9*	27.3	5	11.5	SWAIN	NC	117	-58	-9	32	77
1	2.3	5	6.0	4	4.3	TRANSYLVANIA	NC	159	-28	85	82	09
2	12.3			2	11.8	TYRRELL	NC			-4	36	79
16	11.0	14	8.7	15	7.8	UNION	NC	-21	-11	-29	17	34
4	4.5	13*	19.4	16*	19.5	VANCE	NC	330	0	332	97	97
21	5.5	36	7.8	65	9.3	WAKE	NC	43	18	69	78	54
4	9.6	1	2.5	4	10.8	WARREN	NC	-74	338	13	51	72
2	6.8	3	10.8	5	12.2	WASHINGTON	NC	60	13	80	81	82
2	2.7	9	11.3	7	7.0	WATAUGA	NC	313	-38	156	91	26
12	8.3	19	9.8	22	11.6	WAYNE	NC	19	18	39	67	78
15	8.4	13	6.7	9	4.1	WILKES	NC	-20	-39	-52	07	08
6	4.6	17	13.9	12	7.8	WILSON	NC	204	-44	70	78	34
3	3.0	15	13.9	11	9.4	YADKIN	NC	359	-33	209	94	56
4	5.9	8	11.9	4	5.2	YANCEY	NC	102	-56	-11	29	13
251	8.4	310	10.2	277	8.6	NORTH DAKOTA	ND	22	-16	3		
2	10.3	3	12.0	1	4.4	ADAMS	ND	16	-63	-57	05	09
5	5.8	8	8.3	11	12.8	BARNES	ND	42	55	120	87	85
2	3.9	7	15.9	4	8.1	BENSON	ND	306	-49	108	86	38
1	12.7	1	11.4			BILLINGS	ND	-10				
4	7.0	5	8.0	6	11.3	BOTTINEAU	ND	15	41	62	76	76
4	16.0	2	9.6	1	6.1	BOWMAN	ND	-40	-36	-62	04	18
4	12.5	3	9.8	2	6.3	BURKE	ND	-21	-35	-49	08	20
12	9.9	13	10.0	12	6.6	BURLEIGH	ND	1	-34	-33	15	23
30	10.2	32	10.2	32	9.5	CASS	ND	-1	-7	-7	34	57
1	1.6	3	5.3	4	7.1	CAVALIER	ND	235	33	346	97	27
6	13.1	5	11.1	5	12.9	DICKEY	ND	-15	16	-1	39	86
4	8.1	2	7.2	3	6.4	DIVIDE	ND	-11	-12	-22	22	20
1	1.9	3	14.1	2	9.6	DUNN	ND	660	-32	419	98	59
2	7.2	2	7.7	3	9.2	EDDY	ND	8	18	28	62	53
5	17.6	4	11.6	6	15.0	EMMONS	ND	-34	29	-15	26	92
3	9.2	3	10.2	3	9.2	FOSTER	ND	11	-10	0	41	53
1	7.0	3	18.2			GOLDEN VALLEY	ND	162				
12	6.0	20	8.9	10	3.8	GRAND FORKS	ND	49	-57	-36	13	07
7*	22.0	4	13.5	3	13.5	GRANT	ND	-39	0	-39	12	88
2	5.8	3	9.8	5	16.1	GRIGGS	ND	68	64	176	92	94
1	3.4	2	8.2	4	16.6	HETTINGER	ND	138	103	383	97	95
4	22.8	4	17.7	2	8.2	KIDDER	ND	-22	-54	-64	03	40
5	10.2	6	13.1	2	4.3	LA MOURE	ND	29	-67	-57	05	09
2	4.8	2	8.1	2	28.7	LOGAN	ND	69	254	498	98	99
6	11.0	3	5.6	9	16.6	MC HENRY	ND	-49	197	51	72	95
1	2.7	1	3.0	2	4.8	MC INTOSH	ND	10	60	76	80	11
4	10.3	1	3.2	3	8.3	MC KENZIE	ND	-69	160	-20	23	40
8	9.2	8	13.0	2	2.8	MC LEAN	ND	41	-79	-70	02	05
5	13.8	4	10.5	3	8.4	MERCER	ND	-24	-20	-39	12	42
14*	14.3	15*	17.5	9	9.0	MORTON	ND	22	-49	-37	13	51
4	8.5	6	12.1	3	5.0	MOUNTRAIL	ND	43	-58	-40	11	12
1	2.5	2	5.0	5	8.5	NELSON	ND	101	69	239	95	43
		2	16.8			OLIVER	ND					
3	4.5	8	11.2	5	6.4	PEMBINA	ND	148	-43	40	68	20
3	9.9	4	10.4	7*	18.0	PIERCE	ND	5	73	82	81	96
4	5.9			7	8.1	RAMSEY	ND			37	67	37
5	8.0	8	15.2	8	13.8	RANSOM	ND	90	-9	73	79	89
2	5.5	4	16.8	1	7.0	RENVILLE	ND	204	-58	27	62	26
13	13.1	10	10.1	9	7.7	RICHLAND	ND	-23	-24	-41	11	33
2	7.2	3	11.0	2	7.7	ROLETTE	ND	52	-30	6	46	33
3	8.1	6	15.1	4	11.2	SARGENT	ND	67	-26	38	67	74
		2	8.7	1	5.7	SHERIDAN	ND		-34			16
2	15.4					SIOUX	ND					
		2	28.7			SLOPE	ND					
5	7.6	7	9.0	5	5.5	STARK	ND	18	-39	-28	18	14
2	6.3	2	13.0	4	15.9	STEELE	ND	105	22	151	90	94
11	9.1	14	10.9	11	8.5	STUTSMAN	ND	20	-22	-6	35	44
				2	5.8	TOWNER	ND					16
6	10.3	7	11.3	5	8.0	TRAILL	ND	9	-29	-23	21	37
8	9.1	10	9.4	5	4.8	WALSH	ND	4	-49	-47	09	11
12	6.8	20	10.4	24	10.9	WARD	ND	53	4	59	75	72
4	7.3	5	9.9	9*	15.9	WELLS	ND	35	60	117	87	94
3	2.2	16*	15.4	9	9.3	WILLIAMS	ND	588	-39	317	97	56
3390*	8.8	3967	9.6	4016*	9.4	OHIO	OH	9	-2	6		
14	11.6	11	7.4	12	10.1	ADAMS	OH	-36	37	-13	28	64
43	10.5	30	6.9	56	12.0	ALLEN	OH	-35	75	14	52	81
12	6.6	18	9.1	18	8.6	ASHLAND	OH	39	-6	31	64	45
38	9.4	51	11.7	47	10.0	ASHTABULA	OH	25	-15	7	46	63
12	5.2	19	8.3	15	6.8	ATHENS	OH	62	-19	32	64	24
15	8.6	24	13.2	10	5.7	AUGLAIZE	OH	53	-57	-34	14	15
38	8.3	43	9.2	33	7.4	BELMONT	OH	10	-20	-12	29	30
17	12.7	15	10.1	17	11.7	BROWN	OH	-21	16	-8	33	79
52	7.5	81	10.3	75	8.3	BUTLER	OH	36	-19	11	50	41

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
6	6.3	3	2.6	11	9.4	CARROLL	OH	-59	264	49	72	56
11	7.9	9	6.5	15	10.2	CHAMPAIGN	OH	-18	59	30	63	65
49	9.7	62	10.6	55	8.8	CLARK	OH	8	-17	-10	31	47
11	3.9	29	9.6	38	9.6	CLERMONT	OH	150	0	149	90	58
10	7.1	18	12.3	10	6.9	CLINTON	OH	74	-44	-3	38	25
42	8.5	58	11.4	49	9.2	COLUMBIANA	OH	34	-19	9	48	53
8	4.6	22	13.0	11	6.5	COSHOCTON	OH	183	-50	41	68	21
26	11.8	27	11.8	25	11.1	CRAWFORD	OH	0	-6	-6	35	74
614*	10.0	644	9.9	592	9.7	CUYAHOGA	OH	-1	-3	-3	37	60
16	7.4	27	11.1	28	11.0	DARKE	OH	50	0	49	72	73
10	7.1	13	8.8	15	9.4	DEFIANCE	OH	23	7	31	64	56
16	10.0	17	10.1	15	7.8	DELAWARE	OH	1	-23	-22	22	35
25	8.3	34	11.0	32	9.9	ERIE	OH	33	-9	20	57	62
22	7.5	29	9.1	28	7.9	FAIRFIELD	OH	20	-13	4	44	35
4	3.3	13	10.3	12	9.2	FAYETTE	OH	208	-10	177	92	54
195	8.8	258	10.4	295*	11.3	FRANKLIN	OH	18	9	28	63	76
13	8.9	5	3.2	18	11.5	FULTON	OH	-64	256	29	63	77
10	7.8	16	12.7	5	3.6	GALLIA	OH	64	-71	-53	07	07
13	7.2	23	10.2	17	7.4	GEAUGA	OH	42	-28	3	43	30
16	4.9	33	10.1	33	8.1	GREENE	OH	107	-19	67	78	38
15	6.8	10	4.2	21	9.8	GUERNSEY	OH	-38	134	45	70	61
280	8.9	300	9.1	269	8.3	HAMILTON	OH	2	-9	-7	34	40
23	9.2	21	7.6	31	11.2	HANCOCK	OH	-18	47	21	58	75
14	9.0	12	7.5	12	8.1	HARDIN	OH	-17	8	-10	30	38
9	9.4	9	9.2	14	16.1	HARRISON	OH	-2	75	72	79	94
10	7.6	15	11.3	17	12.3	HENRY	OH	48	9	62	76	82
18	10.4	11	7.5	18	10.3	HIGHLAND	OH	-28	38	0	40	67
7	6.4	12	11.1	12	10.8	HOCKING	OH	74	-3	69	78	71
7	7.6	8	6.7	10	7.7	HOLMES	OH	-12	15	1	42	34
26	11.8	20	9.4	23	9.7	HURON	OH	-20	3	-18	25	60
11	7.6	14	10.0	15	10.3	JACKSON	OH	32	3	35	66	66
36	7.8	37	8.0	49	10.6	JEFFERSON	OH	2	33	35	66	70
13	6.8	14	7.1	13	6.2	KNOX	OH	5	-13	-8	33	19
40	9.4	56	8.6	74	9.7	LAKE	OH	-9	14	3	44	60
20	8.2	17	7.0	27	10.5	LAWRENCE	OH	-15	50	27	62	68
35	9.0	37	8.2	49	10.0	LICKING	OH	-9	22	11	50	63
12	6.8	9	4.6	13	7.0	LOGAN	OH	-32	51	2	43	26
54	7.5	87	9.9	86	9.2	LORAIN	OH	32	-7	23	59	54
174	9.3	216*	11.2	225*	11.6	LUCAS	OH	20	4	25	60	78
5	4.2	13	10.2	13	10.6	MADISON	OH	142	4	151	90	69
118	10.0	113	8.9	116	9.2	MAHONING	OH	-11	4	-7	33	53
17	6.2	22	8.3	24	8.8	MARION	OH	34	7	43	69	48
13	5.7	29	9.7	28	7.3	MEDINA	OH	72	-25	30	63	29
11	8.6	10	8.0	14	12.1	MEIGS	OH	-7	51	40	68	81
10	6.4	21	12.2	12	7.0	MERCER	OH	90	-43	9	48	26
27	9.2	33	9.4	49*	13.6	MIAMI	OH	2	45	48	71	89
4	4.4	11	13.5	11	11.5	MONROE	OH	207	-14	162	91	77
158	8.9	178	9.0	166	8.1	MONTGOMERY	OH	2	-10	-9	32	38
7	9.7	8	11.1	1	.9	MORGAN	OH	14	-92	-91	00	03
9	9.2	10	10.2	12	10.9	MORROW	OH	11	6	18	55	72
30	8.2	41	10.9	35	9.6	MUSKINGUM	OH	33	-12	17	54	58
2	2.5	11	15.7	3	4.7	NOBLE	OH	540	-70	93	83	11
7	4.7	17	9.6	23	12.9	OTTAWA	OH	105	35	176	92	86
13*	16.9	10	12.6	6	7.1	PAULDING	OH	-25	-43	-58	05	27
12	7.3	12	7.5	20	13.7	PERRY	OH	4	82	89	82	89
5	3.4	15	10.0	15	8.3	PICKAWAY	OH	195	-18	143	90	41
9	10.8	5	5.8	10	8.8	PIKE	OH	-46	51	-19	24	48
37	11.7	37	10.3	33	8.1	PORTAGE	OH	-13	-21	-31	16	38
15	10.0	13	7.9	10	5.9	PREBLE	OH	-21	-26	-41	11	17
19*	14.4	14	9.9	12	8.7	PUTNAM	OH	-31	-12	-39	12	46
29	7.0	46	9.9	36	10.3	RICHLAND	OH	42	4	48	71	67
23	8.5	18	6.2	22	7.2	ROSS	OH	-28	18	-15	26	28
29	11.4	22	8.3	23	8.5	SANDUSKY	OH	-27	2	-26	20	43
29	7.5	32	7.8	36	8.6	SCIOTO	OH	4	10	14	52	44
22	8.3	20	7.3	39*	14.4	SENECA	OH	-12	98	74	80	91
13	8.6	17	10.8	11	6.5	SHELBY	OH	26	-40	-24	21	22
106	7.6	129	8.6	143	8.8	STARK	OH	13	3	16	53	47
182	9.3	208	9.9	185	8.4	SUMMIT	OH	6	-16	-10	31	42
71	8.8	96	10.5	96	9.7	TRUMBULL	OH	20	-8	11	50	60
38	9.8	33	8.5	35	8.6	TUSCARAWAS	OH	-12	1	-12	29	45
9	8.2	6	5.4	14	12.1	UNION	OH	-34	125	49	72	81
22*	14.8	12	7.8	16	10.3	VAN WERT	OH	-47	32	-30	17	67
2	4.4	4	6.5	4	6.4	VINTON	OH	46	0	46	70	21
24	11.5	28	11.0	35	11.5	WARREN	OH	-4	4	0	40	77
26	10.3	35*	12.9	20	7.1	WASHINGTON	OH	25	-45	-31	16	27
25	7.6	33	9.4	38	10.0	WAYNE	OH	24	6	32	64	62
11	7.0	17	11.0	18	10.5	WILLIAMS	OH	56	-4	50	72	69
29	9.5	37	11.2	42	11.4	WOOD	OH	18	1	19	56	76
10	8.7	14	12.7	5	4.4	WYANDOT	OH	46	-65	-50	08	09
893	8.8	1105*	10.2	1148	9.5	OKLAHOMA	OK	16	-7	7		
		3	4.5	6	9.3	ADAIR	OK		107			55
6	10.0	6	11.2	8	15.3	ALFALFA	OK	11	37	52	73	93
6	9.6	7	11.2	5	7.3	ATOKA	OK	16	-35	-25	20	29
2	5.6	3	11.7	5	14.5	BEAVER	OK	108	24	158	91	91
7	6.0	11	8.9	10	9.2	BECKHAM	OK	47	4	53	73	54
8	11.4	7	11.1	11	12.4	BLAINE	OK	-2	11	9	48	83
19*	13.3	10	7.5	17	10.3	BRYAN	OK	-44	37	-23	22	66
19	12.4	15	10.4	21	13.7	CADDO	OK	-16	31	11	50	89
6	4.7	8	5.7	14	8.1	CANADIAN	OK	21	42	72	79	38
14	7.7	24	12.3	30*	15.4	CARTER	OK	59	26	101	85	93
8	10.0	6	7.4	7	6.2	CHEROKEE	OK	-26	-16	-38	13	19
3	3.5	12	15.0	8	9.1	CHOCTAW	OK	327	-39	161	91	52
		2	10.7	4	21.1	CIMARRON	OK		98			98
15	7.8	17	7.1	31	9.8	CLEVELAND	OK	-9	39	26	61	61
2	4.9	1	2.3	4	11.8	COAL	OK	-52	407	143	90	79
13	7.3	28	10.5	17	6.6	COMANCHE	OK	44	-38	-10	30	22
4	7.3	5	10.7	4	9.6	COTTON	OK	47	-10	32	64	58
5	5.0	11	13.7	10	12.5	CRAIG	OK	176	-8	153	91	84
12	6.0	16	7.8	25	11.1	CREEK	OK	31	41	85	82	74

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
12	12.6	13	13.0	16	13.3	CUSTER	OK	4	2	6	45	87
6	7.4	10	9.5	9	7.4	DELAWARE	OK	29	-22	0	41	30
7*	17.6	4	9.5	6	18.7	DEWEY	OK	-46	97	6	46	97
6	19.4	5	13.1	9*	26.9	ELLIS	OK	-33	106	38	67	99
29	11.6	26	10.2	19	6.7	GARFIELD	OK	-12	-34	-43	10	23
13	9.6	9	7.8	19	12.7	GARVIN	OK	-19	63	33	65	85
12	7.2	7	4.4	6	3.5	GRADY	OK	-39	-19	-51	07	06
5	8.4	6	11.5	8	18.7	GRANT	OK	37	63	122	88	97
8	15.3	9	17.5	10*	18.2	GREER	OK	14	4	19	56	96
1	3.0	2	5.4	1	2.4	HARMON	OK	77	-55	-21	22	04
5	16.0	2	6.3	4	12.0	HARPER	OK	-61	91	-25	20	80
		5	7.8	7	11.2	HASKELL	OK		44			75
4	4.4	11	12.7	9	10.3	HUGHES	OK	190	-19	135	89	66
12	11.7	13	10.9	16	14.1	JACKSON	OK	-7	29	21	57	90
7	12.5	5	9.9	1	1.5	JEFFERSON	OK	-21	-85	-88	00	03
5	11.9	10*	20.7	2	2.7	JOHNSTON	OK	74	-87	-78	01	05
28	11.9	25	10.3	36*	14.2	KAY	OK	-13	38	20	57	90
7	11.4	6	12.1	12*	17.8	KINGFISHER	OK	6	47	56	74	96
6	7.5	7	9.0	12	14.4	KIOWA	OK	20	59	91	83	91
7	14.0	4	9.2	1	1.6	LATIMER	OK	-34	-83	-89	00	03
9	5.3	22	12.5	27*	14.9	LE FLORE	OK	137	19	182	93	92
14	13.6	11	9.2	13	11.0	LINCOLN	OK	-32	19	-19	24	73
13	13.5	10	10.3	7	5.8	LOGAN	OK	-24	-44	-57	05	16
5	14.9			3	7.8	LOVE	OK			-47	09	35
10	14.2	7	10.3	9	10.4	MC CLAIN	OK	-28	1	-27	19	67
6	5.3	20*	16.6	10	8.0	MC CURTAIN	OK	214	-52	51	72	37
3	4.7	5	8.6	9	15.6	MC INTOSH	OK	85	80	234	95	93
5	9.8	3	5.4	5	8.6	MAJOR	OK	-45	59	-13	28	45
7	16.7	2	3.9	8	14.6	MARSHALL	OK	-77	277	-13	28	92
5	5.2	12	11.2	12	8.8	MAYES	OK	115	-21	69	78	47
3	4.9	6	7.7	12*	16.7	MURRAY	OK	57	116	239	95	95
23	8.7	29	11.8	27	10.2	MUSKOGEE	OK	35	-14	17	54	65
3	4.5	4	6.0	7	12.2	NOBLE	OK	32	104	170	92	82
7	12.5	7	11.8	3	4.6	NOWATA	OK	-5	-61	-63	03	10
7	12.6	5	14.0	7	12.8	OKFUSKEE	OK	12	-9	2	43	86
125	9.5	165	9.6	185	9.3	OKLAHOMA	OK	1	-3	-2	38	54
11	5.9	24	14.0	17	9.4	OKMULGEE	OK	135	-33	57	75	56
7	4.4	18	11.2	10	6.2	OSAGE	OK	157	-45	42	69	19
11	7.5	19	13.6	13	9.0	OTTAWA	OK	81	-33	21	57	51
2	2.9	8	12.0	9	14.7	PAWNEE	OK	319	23	414	98	92
15	8.0	20	10.6	20	9.1	PAYNE	OK	33	-14	15	53	52
14	7.7	13	7.0	21	10.7	PITTSBURG	OK	-9	54	39	67	70
13	9.2	19	12.8	12	6.7	PONTOTOC	OK	40	-48	-27	18	23
21	10.1	23	10.5	17	6.8	POTTAWATOMIE	OK	4	-35	-33	15	24
9	16.0	8	12.7	4	4.9	PUSHMATAHA	OK	-21	-61	-69	02	11
4	12.6	4	17.6	5	15.8	ROGER MILLS	OK	40	-10	25	61	94
9	9.2	10	9.2	12	9.3	ROGERS	OK	-1	2	1	41	55
12	8.5	18	14.8	13	9.7	SEMINOLE	OK	75	-35	14	52	60
2	2.1	12	14.5	13	11.9	SEQUOYAH	OK	580	-18	455	98	79
17	10.3	25	13.7	22	10.3	STEPHENS	OK	33	-25	0	40	66
8	12.0	7	10.2	7	8.7	TEXAS	OK	-15	-15	-28	18	46
5	5.9	4	4.9	6	8.9	TILLMAN	OK	-17	79	49	72	49
117*	10.0	143	11.5	124	8.3	TULSA	OK	15	-28	-17	25	41
5	7.5	11	13.3	4	3.9	WAGONER	OK	78	-71	-48	09	07
13	8.6	16	9.7	17	8.7	WASHINGTON	OK	13	-11	1	41	46
9	10.4	7	7.8	11	12.9	WASHITA	OK	-25	65	24	60	86
8	11.2	13*	19.3	4	5.7	WOODS	OK	72	-70	-49	08	16
7	8.1	4	4.2	3	3.4	WOODWARD	OK	-48	-20	-58	05	06
753*	9.4	967*	10.4	1028	9.3	OREGON	OR	11	-11	-1		
12	14.1	10	10.2	7	6.4	BAKER	OR	-28	-37	-54	06	21
9	6.0	20	11.9	13	5.5	BENTON	OR	98	-54	-9	32	14
54	11.3	67	10.7	82	9.8	CLACKAMAS	OR	-5	-8	-13	28	61
17	10.2	16	10.2	12	8.2	CLATSOP	OR	1	-19	-19	24	40
11	7.9	17	12.8	16	10.5	COLUMBIA	OR	61	-18	32	65	68
20	8.2	19	7.2	30	10.4	COOS	OR	-12	44	26	61	67
2	4.4	3	6.3	9	14.0	CROOK	OR	44	121	219	94	90
3	4.6	5	8.4	7	7.8	CURRY	OR	81	-7	68	78	34
10	8.8	10	7.2	18	8.2	DESCHUTES	OR	-18	14	-7	34	40
24	7.6	29	9.5	36	8.9	DOUGLAS	OR	24	-6	17	54	49
2	15.4			2	18.9	GILLIAM	OR			22	58	97
4	10.1	5	11.9	4	8.8	GRANT	OR	18	-26	-13	28	48
4	10.5	6	15.8	9*	22.1	HARNEY	OR	51	40	110	86	98
5	9.0	7	10.0	11	15.9	HOOD RIVER	OR	12	58	77	80	94
34	9.7	39	8.8	63	10.8	JACKSON	OR	-9	23	12	50	71
1	2.9	6*	34.2	3	9.3	JEFFERSON	OR	1074	-73	220	94	55
9	5.5	23	11.4	32	10.8	JOSEPHINE	OR	106	-5	95	84	71
14	8.0	12	6.1	19	8.6	KLAMATH	OR	-23	41	8	47	45
1	2.9	2	4.8			LAKE	OR	64				
70*	11.3	68	8.7	106	10.4	LANE	OR	-23	19	-8	32	67
16	13.4	17	10.8	10	5.7	LINCOLN	OR	-20	-47	-57	05	16
32*	12.5	30	10.0	42	11.0	LINN	OR	-20	10	-12	28	73
6	5.4	14	12.3	9	7.3	MALHEUR	OR	126	-41	34	65	29
59	10.5	78	11.2	86	9.7	MARION	OR	7	-14	-8	33	59
1	3.0	4	15.9	2	6.3	MOPROW	OP	434	-60	114	87	20
248*	10.2	324*	12.2	241	9.1	MULTNOMAH	OR	19	-26	-11	29	52
8	6.4	13	8.7	19	9.5	POLK	OR	35	10	48	71	58
1	9.3					SHERMAN	OR					
10	11.9	12	12.6	6	5.4	TILLAMOOK	OR	6	-57	-55	06	13
16	7.4	28	12.0	17	6.6	UMATILLA	OR	63	-45	-10	30	23
6	6.5	7	6.7	8	7.0	UNION	OR	3	6	9	48	26
		2	4.8	7	16.6	WALLOWA	OR		249			95
7	8.0	8	7.8	15	12.8	WASCO	OR	-2	64	60	76	85
24	6.2	46	8.9	65	9.0	WASHINGTON	OR	43	1	45	70	50
		1	9.9	2	19.5	WHEELER	OR		97			97
13	7.3	19	10.1	20	7.8	YAMHILL	OR	38	-23	7	46	34
3817	8.0	4704	9.3	4552	8.7	PENNSYLVANIA	PA	17	-7	9		
28*	12.4	18	7.3	20	7.1	ADAMS	PA	-41	-2	-42	11	27

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE LEUKEMIAS ICD 202.4,203.1,204-208

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
											%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
517	7.7	659	9.5	627	9.1	ALLEGHENY	PA	24	-4	19	56	52
35	8.8	35	8.9	23	5.9	ARMSTRONG	PA	1	-34	-33	15	17
51	6.0	90	9.8	85	9.1	BEAVER	PA	64	-7	53	73	52
11	5.1	14	6.3	15	6.6	BEDFORD	PA	33	-3	30	63	22
101	8.0	143	9.9	116	7.5	BERKS	PA	25	-24	-5	35	31
63	9.7	74	10.7	62	8.9	BLAIR	PA	10	-16	-8	33	50
15	5.2	36	13.0	26	9.1	BRADFORD	PA	150	-30	75	80	51
76	8.0	111	8.9	141	8.4	BUCKS	PA	12	-6	6	45	42
36	7.2	49	8.9	61	9.6	BUTLER	PA	24	8	33	65	59
61	6.3	83	8.7	92	9.8	CAMBRIA	PA	37	13	55	74	61
3	9.5	4	12.0	4	11.3	CAMERON	PA	26	-6	19	56	75
28	10.5	16	6.4	27	10.1	CARBON	PA	-39	58	-3	38	64
19	6.9	26	8.1	33	9.5	CENTRE	PA	17	18	38	67	58
62	8.3	84	8.9	103	9.0	CHESTER	PA	7	1	9	48	51
7	3.7	22	11.4	23	11.5	CLARION	PA	211	1	214	94	77
32	7.7	46	11.1	33	8.2	CLEARFIELD	PA	44	-26	6	46	39
19	11.0	18	10.8	17	9.3	CLINTON	PA	-2	-14	-15	26	55
17	7.3	29	10.6	20	6.9	COLUMBIA	PA	46	-34	-4	36	25
35	8.9	42	10.8	39	9.4	CRAWFORD	PA	21	-13	5	45	56
34	7.3	45	8.2	50	7.0	CUMBERLAND	PA	12	-14	-3	37	26
80	9.2	99	10.7	89	9.1	DAUPHIN	PA	17	-15	0	40	52
166	8.8	178	7.8	205	8.4	DELAWARE	PA	-11	7	-5	36	41
15	8.5	18	10.7	15	8.3	ELK	PA	26	-22	-2	38	41
84	8.2	109	9.6	97	8.2	ERIE	PA	17	-14	0	41	40
66	7.7	83	10.2	80	9.6	FAYETTE	PA	31	-5	24	60	59
4	15.8	3	12.3	4	11.5	FOREST	PA	-22	-7	-28	18	77
27	7.1	47	11.0	43	8.8	FRANKLIN	PA	54	-20	24	59	48
5	10.0	7	15.1	2	3.8	FULTON	PA	51	-75	-62	03	07
15	7.1	28	13.6	22	9.9	GREENE	PA	92	-27	40	68	62
14	7.1	26*	14.5	23	12.2	HUNTINGDON	PA	105	-16	72	79	82
36	9.6	34	8.8	37	9.4	INDIANA	PA	-8	7	-2	39	56
31*	11.9	25	10.0	25	9.4	JEFFERSON	PA	-16	-6	-21	23	56
8	10.5	11	13.6	3	3.6	JUNIATA	PA	29	-73	-66	03	06
62	4.9	97	8.4	101	7.9	LACKAWANNA	PA	71	-6	62	76	36
84	7.0	107	7.9	116	7.6	LANCASTER	PA	13	-4	9	48	32
34	6.7	52	9.9	59	11.0	LAWRENCE	PA	48	12	66	77	73
29	7.3	46	10.2	42	8.5	LEBANON	PA	40	-17	17	54	43
65	6.4	99	8.8	104	8.4	LEHIGH	PA	38	-5	31	64	42
133	7.6	150	8.7	155	8.6	LUZERNE	PA	14	-2	12	51	45
41	8.1	47	8.9	55	9.9	LYCOMING	PA	9	12	23	59	62
22	7.8	27	9.8	14	4.9	MC KEAN	PA	26	-50	-37	13	12
44	7.9	45	7.6	53	8.5	MERCER	PA	-4	12	7	47	43
17	9.1	16	8.9	14	7.1	MIFFLIN	PA	-3	-20	-22	22	27
12	6.5	20	9.6	19	6.6	MONROE	PA	46	-31	1	42	23
165	8.7	209	8.8	236	8.6	MONTGOMERY	PA	1	-3	-2	38	44
7	8.3	7	8.7	5	5.7	MONTOUR	PA	5	-34	-31	16	16
75	8.2	97	10.0	75	7.1	NORTHAMPTON	PA	21	-29	-14	27	26
48	9.3	61	12.0	48	9.2	NORTHUMBERLAND	PA	29	-24	-2	39	53
16	12.9	13	9.7	15	10.0	PERRY	PA	-25	3	-23	22	63
657	8.6	672	9.5	545	8.7	PHILADELPHIA	PA	11	-9	1	42	47
4	7.6	9	11.1	13	13.6	PIKE	PA	47	22	79	80	88
4	4.7	7	8.2	4	4.5	POTTER	PA	74	-45	-4	37	10
67	7.8	69	8.0	91	10.6	SCHUYLKILL	PA	2	33	36	66	70
6	5.3	7	5.0	8	6.2	SNYDER	PA	-5	23	17	54	19
32	8.1	40	10.0	26	6.4	SOMERSET	PA	23	-36	-21	23	21
4	10.8	3	8.8	2	5.9	SULLIVAN	PA	-19	-33	-46	10	17
11	6.1	14	8.0	10	5.6	SUSQUEHANNA	PA	31	-30	-8	33	15
21	11.6	17	8.7	25	13.1	TIOGA	PA	-25	51	12	51	86
6	5.6	4	3.5	14	10.9	UNION	PA	-37	209	95	84	73
24	7.7	47*	15.6	24	8.0	VENANGO	PA	103	-48	5	45	37
21	8.5	27	11.2	20	8.2	WARREN	PA	31	-27	-5	36	39
86	8.8	95	9.2	95	9.3	WASHINGTON	PA	4	1	5	45	54
13	7.7	16	9.6	23	11.9	WAYNE	PA	24	24	54	73	80
111	7.1	152	8.9	147	8.1	WESTMORELAND	PA	24	-9	13	51	37
7	8.4	9	9.6	9	8.6	WYOMING	PA	15	-10	3	43	46
88	8.6	111	9.7	123	9.2	YORK	PA	13	-5	7	47	53
270	7.3	350	8.7	359	8.2	RHODE ISLAND	RI	19	-6	12		
17	11.2	20	11.3	17	7.8	BRISTOL	RI	1	-31	-31	17	34
37	9.3	36	6.7	45	6.9	KENT	RI	-28	3	-26	19	25
13	4.6	26	9.2	38	11.5	NEWPORT	RI	100	24	148	90	77
189	7.1	247	9.1	230	8.0	PROVIDENCE	RI	28	-12	13	51	37
14	6.8	21	7.3	29	8.4	WASHINGTON	RI	7	16	23	59	43
365	7.5	573	9.5	635	8.3	SOUTH CAROLINA	SC	26	-12	11		
5	8.3	5	7.7	6	9.3	ABBEVILLE	SC	-8	22	12	51	55
18	10.2	18	8.3	25	9.0	AIKEN	SC	-19	8	-12	29	50
4*	26.1	3	21.2	1	5.7	ALLENDALE	SC	-19	-73	-78	01	16
25	7.8	45*	13.2	23	5.5	ANDERSON	SC	69	-59	-30	17	14
1	2.3	2	6.4	4	11.0	BAMBERG	SC	174	73	374	97	73
2	5.4	3	9.3	6	11.7	BARNWELL	SC	73	26	118	87	78
1	3.1	8	9.2	12	10.4	BEAUFORT	SC	196	13	235	95	67
1	.6	5	9.3	7	4.5	BERKELEY	SC	1452	-52	649	99	10
2	8.9			1	3.6	CALHOUN	SC			-59	04	06
29	9.7	56	11.7	54	10.2	CHARLESTON	SC	21	-12	6	45	65
6	5.7	10	8.5	14	11.3	CHEROKEE	SC	49	33	98	84	75
6	8.4	7	12.5	12	15.1	CHESTER	SC	49	21	80	81	93
6	6.5	7	8.0	11	11.4	CHESTERFIELD	SC	23	44	77	80	77
1	2.4	7	17.9	7	13.9	CLARENDON	SC	652	-22	486	98	90
9	18.7	8	11.7	10	12.6	COLLETON	SC	-38	8	-32	15	84
9	10.4	9	7.1	9	6.7	DARLINGTON	SC	-31	-6	-36	14	23
3	3.9	3	4.4	9	12.8	DILLON	SC	11	195	226	95	86
3	7.1	1	1.5	7	3.8	DORCHESTER	SC	-79	151	-47	09	07
1	3.1	1	2.9	9*	27.5	EDGEFIELD	SC	-6	843	787	99	99
2	4.2	2	5.6	5	11.7	FAIRFIELD	SC	36	107	181	93	78
11	7.6	16	8.1	16	6.8	FLORENCE	SC	8	-16	-10	31	25
1	1.3	2	2.7	5	6.7	GEORGETOWN	SC	105	148	409	98	24
47	8.7	51	7.5	63	7.4	GREENVILLE	SC	-14	-2	-15	26	30
9	13.6	15	11.5	14	8.1	GREENWOOD	SC	-15	-30	-41	11	37

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE LEUKEMIAS ICD 202.4,203.1,204-208

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
7*	24.3	4	11.1	4	10.0	HAMPTON	SC	-54	-10	-59	04	63
10	5.5	16	9.1	18	6.5	HOPRY	SC	64	-28	18	55	22
2	8.7	2	12.6	2	7.1	JASPER	SC	45	-43	-18	24	27
6	6.7	15*	23.5	12	14.2	KERSHAW	SC	253	-40	113	87	90
12	11.2	11	11.1	13	8.7	LANCASTER	SC	0	-22	-22	22	46
7	5.2	9	6.0	15	8.2	LAURENS	SC	15	36	57	75	40
		2	6.3	2	5.6	LEE	SC		-11			15
9	6.1	20	8.5	19	5.1	LEXINGTON	SC	40	-40	-16	26	12
		3	18.1	2	11.3	MC CORMICK	SC		-38			75
4	6.9	6	11.4	5	8.1	MARION	SC	66	-29	18	55	38
3	6.6	3	4.3	4	5.1	MARLBORO	SC	-35	18	-23	21	12
8	8.8	19*	20.2	13	13.8	NEWBERRY	SC	129	-32	56	74	89
8	4.8	19	12.6	14	8.2	OCONEE	SC	163	-35	71	79	39
6	5.8	15	14.3	9	6.3	ORANGEBURG	SC	148	-56	10	49	20
11	7.6	12	7.3	20	8.8	PICKENS	SC	-3	21	17	54	48
24	7.1	38	8.0	53	9.8	RICHLAND	SC	13	23	38	67	60
2	5.7	7	15.8	4	7.5	SALUDA	SC	179	-52	34	65	31
39	9.5	44	8.2	44	7.2	SPARTANBURG	SC	-13	-12	-24	21	28
3	2.0	12	7.9	14	8.4	SUMTER	SC	299	6	323	97	42
4	4.5	8	8.7	9	9.8	UNION	SC	96	12	119	87	61
3	6.1	8	15.0	7	10.6	WILLIAMSBURG	SC	145	-29	74	80	69
15	8.7	16	6.8	22	7.8	YORK	SC	-21	15	-10	31	35
327*	10.0	358	10.5	322	9.2	SOUTH DAKOTA	SD	5	-12	-8		
3	12.2	2	7.4	1	5.5	AURORA	SD	-39	-26	-55	06	14
9	9.1	14	12.2	16*	15.0	BEADLE	SD	34	23	65	77	93
2	13.3			2	17.7	BENNETT	SD			33	65	96
5	9.2	3	5.8	9	14.6	BON HOMME	SD	-37	152	58	75	92
10	10.9	10	9.3	8	7.5	BROOKINGS	SD	-14	-19	-31	16	31
20	11.6	19	11.2	9	5.1	BROWN	SD	-3	-54	-56	06	12
3	9.9			3	10.2	BRULE	SD			2	43	65
7	17.1	4	8.1	5	10.9	BUTTE	SD	-53	35	-36	13	72
2	20.8			1	7.8	CAMPBELL	SD			-63	03	34
7	12.1	11*	20.9	5	10.5	CHARLES MIX	SD	73	-50	-13	28	68
7	17.6	6	12.8	4	8.5	CLARK	SD	-27	-33	-51	07	44
3	5.7	1	2.0	6	10.6	CLAY	SD	-66	442	86	82	69
13	13.6	15	15.1	7	6.0	CODINGTON	SD	11	-60	-56	06	18
3	15.2	1	4.4	1	5.8	COFSON	SD	-71	32	-62	04	16
3	9.5	1	3.2	1	2.9	CUSTER	SD	-66	-9	-69	02	05
8	9.7	12	13.7	13	12.5	DAVISON	SD	41	-8	30	63	84
10*	15.8	4	7.3	6	10.0	DAY	SD	-54	36	-37	13	62
6	15.1	8*	19.2	3	6.4	DEUEL	SD	28	-67	-57	05	21
1	5.7	3	23.6	5*	40.0	DEWEY	SD	317	69	606	99	99
1	3.9	6*	23.3	3	10.0	DOUGLAS	SD	491	-57	153	91	63
1	3.1	2	5.4	4	11.6	EDMUNDS	SD	74	113	272	96	78
3	4.1	4	4.1	3	4.7	FALL RIVER	SD	1	14	16	53	11
4	14.7	3	10.6			FAULK	SD	-28				
3	5.5	4	7.4	8	15.5	GRANT	SD	34	111	183	93	93
10*	25.4	4	9.4	7	15.4	GREGORY	SD	-63	63	-39	12	93
1	7.1	4*	26.3	2	12.0	HAAKON	SD	273	-55	69	78	80
5	13.9	2	3.3	6	14.0	HAMLIN	SD	-76	323	1	42	90
5	14.4	7*	21.0	2	6.3	HAND	SD	46	-70	-56	05	20
3	12.6	1	4.8	1	4.4	HANSON	SD	-62	-10	-65	03	09
1	7.7	4*	37.9	1	8.3	HARDING	SD	392	-78	8	47	41
2	5.7	5	9.6	6	13.2	HUGHES	SD	68	37	131	88	87
4	7.0	6	7.8	8	10.5	HUTCHINSON	SD	12	34	50	72	68
3	18.3	1	9.3	2	14.1	HYDE	SD	-49	52	-23	21	90
		1	7.6	3*	25.4	JACKSON	SD		234			99
2	7.9	3	15.5	1	2.9	JERAULD	SD	95	-81	-63	03	05
		3	4.5	7	11.3	KINGSBURY	SD		153			76
7	10.3	8	12.8	1	2.0	LAKE	SD	25	-85	-81	00	03
8	10.3	8	9.1	8	8.8	LAWRENCE	SD	-12	-4	-15	27	47
8	11.1	9	11.4	14*	16.9	LINCOLN	SD	3	49	53	73	95
		4	19.4	1	4.7	LYMAN	SD		-76			11
2	3.5	4	8.1	3	5.9	MC COOK	SD	131	-27	69	78	17
2	8.2			1	2.4	MC PHERSON	SD			-71	02	04
4	9.9	5	13.0	1	1.8	MARSHALL	SD	31	-86	-81	00	03
8	11.5	6	8.0	6	8.0	MEADE	SD	-31	0	-31	16	36
4*	37.3	1	12.3			MELLETTE	SD	-67				
2	5.4	5	16.5	2	17.2	MINER	SD	203	4	216	94	96
46*	12.9	42	10.8	47	10.7	MINNEHAHA	SD	-16	-1	-17	26	70
6	12.6	4	8.7	5	12.8	MOODY	SD	-31	47	1	42	85
21	10.7	21	9.5	17	7.3	PENNINGTON	SD	-11	-23	-32	16	29
4	12.3	7*	24.3	2	5.8	PERKINS	SD	98	-76	-53	07	16
1	4.7	1	3.9	3	12.8	POTTER	SD	-18	233	173	92	85
5	6.8	7	9.7	7	10.3	ROBERTS	SD	43	6	51	72	66
				5*	18.5	SANBORN	SD					96
		1	13.8			SHANNON	SD					
4	7.9	7	9.8	5	8.6	SPINK	SD	24	-12	10	49	46
		1	10.4	1	6.5	SULLY	SD		-38			22
5	11.0	5	11.4	3	6.4	TRIPP	SD	4	-44	-42	11	21
9	12.2	11	15.3	5	7.3	TURNER	SD	25	-52	-40	11	29
6	10.1	13*	23.1	8	12.6	UNION	SD	128	-45	25	60	84
3	8.5	9*	21.7	6	13.0	WALWORTH	SD	156	-40	54	73	86
2	2.5	5	4.8	2	2.2	YANKTON	SD	91	-55	-13	27	04
990	8.0	1278	9.3	1411	8.8	TENNESSEE	TN	17	-6	10		
15	6.5	24	10.0	15	5.8	ANDERSON	TN	53	-41	-10	30	16
14*	13.5	8	7.1	8	6.2	BEDFORD	TN	-48	-12	-54	06	19
4	6.5	9	14.2	9	13.3	BENTON	TN	119	-6	105	85	88
1	2.6	2	5.6	2	4.5	BLEDSOE	TN	117	-20	74	80	10
29*	14.9	26	10.1	23	7.6	BLOUNT	TN	-32	-25	-49	08	32
13	9.1	12	8.9	23	11.5	BRADLEY	TN	-2	29	27	62	77
13	9.2	11	8.1	11	7.2	CAMPBELL	TN	-11	-12	-21	22	28
7	16.4			5	11.6	CANNON	TN			-29	17	78
9	9.4	19*	15.4	12	8.3	CARROLL	TN	63	-46	-12	29	41
19	10.3	13	6.6	29*	13.0	CARTER	TN	-36	97	26	61	86
4	9.7	2	3.9	8	11.5	CHEATHAM	TN	-60	196	18	55	77
3	6.3	2	4.3	6	12.5	CHESTER	TN	-33	193	97	84	84

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
3	3.2	8	8.1	6	6.1	CLAIBOPNE	TN	153	-25	90	83	18
2	5.2	5	14.0	2	4.3	CLAY	TN	168	-69	-17	25	09
4	3.4	9	9.0	10	9.0	COCKE	TN	169	0	168	92	51
9	8.7	16	14.2	13	9.4	COFFEE	TN	64	-34	9	48	57
1	1.4	11*	17.5	8	11.4	CROCKETT	TN	1149	-35	714	99	76
9	10.4	7	7.5	7	5.6	CUMBERLAND	TN	-28	-25	-46	10	15
92	7.7	103	8.3	138	9.2	DAVIDSON	TN	8	11	20	56	53
1	3.5	3	6.2	6	11.4	DECATUR	TN	75	85	223	95	76
6	10.7	1	1.4	3	4.1	DE KALB	TN	-87	197	-62	04	08
6	7.5	12	13.2	13	10.5	DICKSON	TN	78	-21	40	68	68
7	5.3	16	12.3	9	6.7	DYER	TN	133	-46	27	61	23
3	7.8	4	9.9	7	12.0	FAYETTE	TN	27	22	54	74	81
4	7.1	11*	19.4	4	5.6	FENTRESS	TN	173	-71	-21	23	15
4	3.6	11	9.5	12	10.1	FRANKLIN	TN	167	6	184	93	64
19	10.9	20	9.8	24	10.4	GIBSON	TN	-10	6	-5	36	67
12	11.4	5	5.5	14	13.4	GILES	TN	-52	143	17	54	88
2	3.7	1	1.8	6	8.1	GRAINGER	TN	-52	358	119	87	37
22*	14.0	21	11.0	16	7.4	GREENE	TN	-22	-33	-48	09	30
4	6.0	7	13.7	3	5.1	GRUNDY	TN	130	-63	-15	27	12
8	6.6	11	8.9	19	10.9	HAMBLEN	TN	34	23	65	77	73
56	7.7	70	8.6	64	6.9	HAMILTON	TN	11	-20	-11	30	25
4	10.6	3	9.4	5	13.3	HANCOCK	TN	-11	40	25	60	87
4	5.7	4	4.7	7	7.5	HARDEMAN	TN	-18	61	32	65	31
8	10.0	6	7.3	11	11.2	HARDIN	TN	-27	53	11	50	74
6	4.6	14	9.7	10	5.8	HAWKINS	TN	113	-40	27	62	16
		7	14.3	1	1.6	HAYWOOD	TN		-89			03
6	7.9	12	14.4	11	10.7	HENDERSON	TN	82	-26	36	66	70
10	9.2	9	7.6	10	7.7	HENRY	TN	-17	2	-16	26	34
4	6.8	4	7.4	3	5.0	HICKMAN	TN	10	-33	-27	19	12
3	10.4	2	7.0	4	10.9	HOUSTON	TN	-33	56	5	45	72
2	3.9	7	11.5	5	7.3	HUMPHREYS	TN	191	-36	85	82	29
3	5.6	4	7.8	3	4.5	JACKSON	TN	39	-42	-19	24	10
3	3.5	8	8.3	7	5.5	JEFFERSON	TN	136	-34	55	74	14
1	1.7	3	5.0	4	6.5	JOHNSON	TN	187	29	271	96	21
64	7.7	95	9.6	99	8.4	KNOX	TN	24	-13	9	48	42
1	1.6	1	2.7	1	3.5	LAKE	TN	67	33	122	88	06
8	10.8	10	14.6	8	10.7	LAUDERDALE	TN	36	-27	0	40	71
9	6.7	22*	16.9	16	10.1	LAWRENCE	TN	150	-40	49	72	63
4	13.5	1	3.5	3	8.4	LEWIS	TN	-74	139	-38	13	42
11	10.8	17*	17.1	15	12.6	LINCOLN	TN	59	-26	17	54	84
3	2.7	12	11.5	13	11.6	LOUDON	TN	333	1	338	97	78
6	3.9	12	7.9	12	7.3	MC MINN	TN	102	-8	85	82	29
12	13.5	10	11.7	3	2.9	MC NAIRY	TN	-13	-75	-79	01	05
4	6.3			5	6.0	MACON	TN			-5	36	18
19	9.4	28	12.8	26	10.8	MADISON	TN	37	-16	15	53	71
3	3.2	8	9.9	9	10.3	MARION	TN	213	4	226	95	66
4	5.9	12	15.6	8	9.8	MARSHALL	TN	165	-37	67	77	61
12	8.2	13	7.8	19	10.0	MAURY	TN	-4	28	23	59	63
3	12.5	3	11.3	6*	21.3	MEIGS	TN	-9	88	71	79	98
6	6.4	7	6.5	11	9.3	MONROE	TN	3	42	46	70	54
7	5.4	15	8.7	15	7.9	MONTGOMERY	TN	61	-9	46	71	36
3	16.9	3	14.9	1	4.0	MOORE	TN	-12	-73	-76	01	08
3	3.6	3	4.5	3	4.5	MORGAN	TN	27	0	27	62	10
9	7.0	14	8.9	19	12.2	OBION	TN	27	37	75	80	81
5	6.3	6	7.7	7	8.3	OVERTON	TN	22	9	32	65	41
1	4.4	1	3.0	6	16.3	PERRY	TN	-32	449	271	96	95
				1	3.9	PICKETT	TN					07
4	7.6	5	8.6	2	3.5	POLK	TN	13	-59	-53	07	06
6	4.3	14	9.2	14	7.1	PUTNAM	TN	115	-23	66	77	27
3	4.6	8	10.9	11	12.6	RHEA	TN	134	16	171	92	84
9	6.5	11	7.1	20	10.9	ROANE	TN	10	53	69	78	73
10	8.2	11	9.6	14	9.9	ROBERTSON	TN	17	3	20	57	62
15	9.0	16	8.3	22	8.3	RUTHERFORD	TN	-7	-1	-8	33	41
5	6.0	5	6.6	5	6.0	SCOTT	TN	10	-8	1	41	18
3	14.8	2	5.4	6	18.6	SEQUATCHIE	TN	-63	243	26	61	97
5	5.1	13	11.1	10	7.2	SEVIER	TN	119	-35	43	69	28
135	10.6	175	11.7	202*	11.9	SHELBY	TN	10	2	12	51	80
1	1.5	4	5.7	4	5.5	SMITH	TN	280	-3	268	96	14
6	15.1	2	4.0	5	11.4	STEWART	TN	-73	184	-24	21	77
28	7.6	51	11.6	45	7.8	SULLIVAN	TN	53	-32	4	44	35
9	6.2	13	6.5	22	7.8	SUMNER	TN	5	21	27	61	35
15*	18.8	14*	16.9	9	9.0	TIPTON	TN	-10	-47	-52	07	50
		1	4.9	1	3.2	TROUSDALE	TN		-35			06
2	3.0	3	4.9	5	6.8	UNICOI	TN	63	37	124	88	24
6	17.4	2	4.6	5	9.0	UNION	TN	-74	96	-48	08	50
1	7.1					VAN BUREN	TN					
9	8.6	4	3.3	15	10.9	WARREN	TN	-61	228	27	62	73
23	8.8	20	6.3	19	5.4	WASHINGTON	TN	-28	-15	-39	12	14
5	6.1	3	6.4	5	7.5	WAYNE	TN	5	16	22	58	30
10	7.1	16	10.7	21	13.5	WEAKLEY	TN	51	25	90	83	88
9	11.6	9	11.8	8	8.9	WHITE	TN	2	-25	-23	21	49
8	8.4	6	5.4	11	5.9	WILLIAMSON	TN	-36	11	-29	17	17
9	8.1	14	10.3	8	3.8	WILSON	TN	27	-63	-53	07	07
2704	8.6	3797*	10.2	4138	9.4	TEXAS	TX	18	-8	8		
12	10.4	11	8.6	19	12.4	ANDERSON	TX	-17	44	19	56	83
6*	19.5	1	3.6	5	14.3	ANDREWS	TX	-82	300	-27	19	90
23*	15.9	17	9.5	21	9.6	ANGELINA	TX	-40	1	-39	12	59
		5	10.9	4	5.6	ARANSAS	TX		-49			15
1	3.2	3	8.8	3	7.9	ARCHER	TX	177	-10	151	90	36
1	7.3	1	6.4	2	13.7	ARMSTRONG	TX	-13	115	68	82	89
7	7.8	6	6.5	7	6.0	ATASCOSA	TX	-17	-7	-23	21	18
9	13.9	11	15.9	5	5.0	AUSTIN	TX	14	-69	-64	03	12
2	4.3	2	4.4	3	9.0	BAILEY	TX	2	104	108	86	50
1	2.8	3	8.9	4	12.2	BANDERA	TX	222	38	344	97	82
9	12.6	11	12.9	4	3.6	BASTROP	TX	3	-72	-71	02	06
2	5.1	4	10.1	3	16.3	BAYLOR	TX	100	61	222	95	94
4	5.4	7	7.7	3	2.9	BEE	TX	42	-63	-47	09	05
23	7.8	32	9.0	35	7.7	BELL	TX	15	-14	-1	40	33
149	6.9	242	9.2	297	9.5	BEXAR	TX	34	3	38	67	57

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
		1	3.6	1	2.5	BLANCO	TX		-31			04
3	4.3	12	14.4	8	10.1	BOSQUE	TX	236	-30	136	89	64
12	5.8	21	8.3	29	10.8	BOWIE	TX	44	30	88	82	72
21	11.2	24	6.7	37	8.1	BRAZORIA	TX	-41	22	-28	18	38
7	6.2	12	8.3	13	6.0	BRAZOS	TX	33	-27	-3	37	18
1	4.2	4	15.3	2	6.9	BREWSTER	TX	263	-55	63	77	25
2	9.7	2	11.8	2	15.4	BRISCOE	TX	21	31	58	75	93
3	10.3			2	5.5	BROOKS	TX			-46	09	15
10	6.7	14	9.5	14	8.0	BROWN	TX	41	-16	19	56	37
4	7.9	6	11.7	7	11.1	BURLESON	TX	48	-5	40	68	74
4	6.7	8	12.0	11	12.6	BURNET	TX	78	5	88	82	84
3	3.6	3	3.6	19*	20.5	CALDWELL	TX	2	463	473	98	98
2	2.3	4	7.9	8	12.9	CALHOUN	TX	237	64	455	98	86
5	10.2	10*	17.0	7	9.3	CALLAHAN	TX	67	-45	-8	32	55
39	9.2	33	5.4	42	6.5	CAMERON	TX	-41	19	-30	17	21
4	15.3	3	10.0	4	13.3	CAMP	TX	-35	33	-13	28	88
4	11.3	7*	22.3	8*	22.1	CARSON	TX	97	-1	96	84	98
8	8.1	12	11.8	8	6.5	CASS	TX	46	-45	-19	24	22
2	9.9	3	8.8	1	2.2	CASTRO	TX	-11	-75	-78	01	04
4	14.2	5	13.1	5	9.3	CHAMBERS	TX	-8	-29	-34	14	56
11	7.6	18	12.0	13	7.2	CHEROKEE	TX	58	-40	-5	36	28
4	7.7	4	8.2	4	7.2	CHILDRESS	TX	7	-12	-7	35	28
5	10.1	8	17.1	5	9.1	CLAY	TX	70	-47	-9	31	52
		2	6.4	4	18.6	COCHRAN	TX		189			97
5*	29.2	2	10.6			COKE	TX	-64				
9	11.6	9	11.1	12	16.5	COLEMAN	TX	-4	48	42	69	95
26*	12.9	39*	16.3	25	7.3	COLLIN	TX	26	-55	-44	10	29
5	12.5	5	14.5	4	16.8	COLLINGSWORTH	TX	16	16	34	65	95
7	10.0	12	18.1	9	11.6	COLORADO	TX	81	-36	16	53	78
6	7.1	13	12.8	18	10.9	COMAL	TX	80	-15	54	73	72
5	7.5	7	7.9	9	8.8	COMANCHE	TX	4	12	17	54	48
2	16.8	4	18.3			CONCHO	TX	8				
8	7.9	12	10.2	15	10.7	COOKE	TX	28	6	35	66	71
6	6.6	10	9.3	9	8.1	CORYELL	TX	40	-13	22	58	38
2	8.6	3	12.9	2	6.8	COTTLE	TX	50	-48	-21	22	24
1	5.6					CRANE	TX					
		2	14.7	1	7.0	CROCKETT	TX		-52			26
3	5.9	8*	22.9	3	7.7	CROSBY	TX	286	-66	30	64	34
1	2.9	2	7.9	5	16.3	DALLAM	TX	172	105	458	98	94
258*	10.6	356	10.9	393	9.7	DALLAS	TX	3	-11	-9	32	60
3	5.6	11	16.6	11	15.0	DAWSON	TX	198	-10	169	92	92
1	1.7	11*	17.2	7	11.7	DEAF SMITH	TX	912	-32	587	99	78
4	8.2	2	5.1	3	8.8	DELTA	TX	-38	74	8	47	48
21	11.7	20	8.7	36	10.9	DENTON	TX	-25	25	-6	35	72
5	4.7	11	11.2	13	11.2	DE WITT	TX	137	0	138	89	75
6*	19.4	1	4.0	2	7.1	DICKENS	TX	-79	77	-63	03	27
7	16.3	7	15.4	5	11.8	DIMMIT	TX	-6	-24	-28	18	79
7*	24.5	6*	16.1	2	5.8	DONLEY	TX	-34	-64	-76	01	16
5	9.1	2	3.0	4	7.5	DUVAL	TX	-67	154	-17	25	31
12	9.4	12	10.0	9	6.0	EASTLAND	TX	6	-40	-36	13	18
11	3.0	28	10.5	39	13.5	ECTOR	TX	248	29	348	97	88
		2	16.1			EDWARDS	TX					
18	9.6	28*	14.3	11	5.0	ELLIS	TX	48	-65	-48	08	12
77	8.4	75	7.1	102	8.9	EL PASO	TX	-15	26	6	46	50
12	10.2	11	10.3	13	9.5	ERATH	TX	2	-8	-7	35	57
11	11.8	8	7.2	12	13.6	FALLS	TX	-39	89	15	53	88
9	5.6	18	13.1	15	9.5	FANNIN	TX	133	-27	69	78	58
16*	15.0	10	8.0	7	4.2	FAYETTE	TX	-46	-48	-72	01	08
3	6.6	3	7.2	6	14.8	FISHER	TX	9	106	123	88	92
5	9.1	9	16.5	4	7.6	FLOYD	TX	82	-54	-16	26	32
1	5.0	2	10.3			FOARD	TX	108				
9	6.9	13	9.5	26	12.6	FORT BEND	TX	37	33	81	81	84
3	9.0	3	12.6	2	4.6	FRANKLIN	TX	40	-64	-49	08	10
4	7.0	7	10.1	7	10.9	FREESTONE	TX	44	8	57	74	72
5	9.6	2	4.4	7	13.6	FRIO	TX	-54	207	42	69	89
6	19.9	2	7.8	7	14.6	GAINES	TX	-61	87	-27	19	92
48*	11.5	49	9.9	62	10.3	GALVESTON	TX	-14	4	-11	30	66
3	14.4	4	14.5	1	4.6	GARZA	TX	1	-68	-68	02	10
3	5.4	7	9.7	8	8.8	GILLESPIE	TX	80	-9	63	77	48
				2*	38.3	GLASSCOCK	TX					99
2	6.8	2	6.7	2	7.3	GOLIAD	TX	-2	9	6	46	29
5	6.1	14*	16.4	6	6.1	GONZALES	TX	168	-63	-1	40	18
10	7.7	20*	16.6	13	9.5	GRAY	TX	116	-43	23	59	57
33	10.2	47	12.8	41	9.8	GRAYSON	TX	26	-23	-3	37	61
22	10.1	30	13.5	25	8.2	GREGG	TX	34	-39	-18	24	40
4	8.8	8	15.1	7	13.6	GRIMES	TX	71	-10	55	74	89
9	8.6	12	10.6	12	7.2	GUADALUPE	TX	23	-32	-16	26	28
9	6.7	13	9.7	13	9.1	HALE	TX	45	-6	36	66	52
3	7.9	3	11.4	4	11.8	HALL	TX	45	4	50	72	79
4	9.7	7	16.2	7	10.2	HAMILTON	TX	67	-37	5	45	65
1	14.9	1	3.2			HANSFORD	TX	-79				
5	10.1	6	14.0	8*	17.0	HARDEMAN	TX	38	22	68	78	95
9	9.2	9	8.0	7	4.5	HARDIN	TX	-13	-44	-51	07	10
256	9.0	439*	10.8	468	9.2	HARRIS	TX	20	-15	2	43	52
12	11.1	15	12.1	17	11.2	HARRISON	TX	9	-7	1	42	75
2	27.5	2	11.6	1	4.5	HARTLEY	TX	-58	-61	-84	00	10
8	13.2	7	13.3	2	7.6	HASKELL	TX	1	-43	-43	10	32
11	13.1	9	9.7	6	5.5	HAYS	TX	-26	-43	-58	05	15
1	4.6					HEMPHILL	TX					
7	6.4	15	12.5	19	9.0	HENDERSON	TX	96	-28	41	68	50
41	6.3	53	7.3	56	6.0	HIDALGO	TX	17	-17	-4	37	18
6	3.9	18	11.2	12	6.7	HILL	TX	189	-40	75	80	24
6	7.9	11	14.4	8	9.6	HOCKLEY	TX	83	-34	21	58	58
3	8.4	3	9.8	6	7.9	HOOD	TX	16	-20	-7	35	35
12	10.0	11	9.1	12	8.6	HOPKINS	TX	-9	-5	-14	27	46
3	3.9	9	11.2	9	9.1	HOUSTON	TX	186	-19	133	89	51
8	6.8	13	8.2	11	8.1	HOWARD	TX	20	-1	18	55	38
1	9.0	1	11.2			HUDSPETH	TX	24				
24*	12.9	18	9.0	27	11.2	HUNT	TX	-30	24	-13	28	75
4	2.2	11	10.8	3	2.1	HUTCHINSON	TX	390	-80	-3	38	04
1	15.1			1	9.6	IRION	TX			-37	13	58

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

COUNTY AND STATE		1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
JACK	TX	6	13.7	4	9.8	4	11.4	-29	16	-17	25	76
JACKSON	TX	8	15.6	6	10.4	8	15.2	-33	46	-3	38	93
JASPER	TX	7	9.0	8	8.1	13	11.7	-10	45	30	63	78
JEFF DAVIS	TX	3*	25.7			1	9.9			-62	04	61
JEFFERSON	TX	72*	11.4	80	11.5	96*	12.3	1	7	8	47	82
JIM HOGG	TX	1	6.5	1	4.2			-35				
JIM WELLS	TX	7	6.9	10	7.8	16	11.3	13	46	64	77	75
JOHNSON	TX	20	11.8	20	10.5	20	7.9	-11	-25	-33	15	36
JONES	TX	11	10.6	10	10.1	9	8.9	-4	-12	-16	26	49
KARNES	TX	3	4.4	3	4.3	9	13.1	-2	203	196	93	87
KAUFMAN	TX	8	5.6	16	11.9	14	9.2	113	-23	64	77	53
KENDALL	TX	2	4.8	5	14.8	1	2.5	210	-63	-48	09	04
KENEDY	TX	1	62.9									
KERR	TX	5	4.6	21*	16.0	18	9.3	248	-42	102	85	54
KIMBLE	TX			1	5.2	2	6.0		16			18
KINNEY	TX	1	5.9			1	14.1			137	89	90
KLEBERG	TX	6	5.9	8	10.2	11	12.6	73	24	113	87	84
KNOX	TX	5	12.1	6	12.5	5	10.7	3	-15	-12	29	70
LAMAR	TX	13	8.3	15	9.5	25	12.4	14	31	50	72	83
LAMB	TX	10	14.7	7	8.9	7	7.8	-39	-12	-46	09	35
LAMPASAS	TX	5	9.6	8	15.1	6	6.6	57	-43	-10	30	46
LA SALLE	TX	2	7.2	3	12.5	1	3.7	73	-70	-48	08	07
LAVACA	TX	13	11.8	13	10.1	20*	13.7	-15	36	16	53	89
LEE	TX	5	11.0	3	5.9	10*	20.3	-47	245	84	82	98
LEON	TX	3	7.8	1	1.8	3	5.4	-76	194	-31	16	14
LIBERTY	TX	10	8.2	9	6.9	9	5.9	-16	-14	-28	18	17
LIMESTONE	TX	7	7.8	7	6.6	8	7.0	-15	5	-11	30	26
LIPSCOMB	TX	5*	26.3	1	5.4	4	20.1	-80	276	-23	21	98
LIVE OAK	TX	3	8.0	4	12.3	4	10.1	53	-17	27	61	64
LLANO	TX	1	3.5	4	7.3	6	6.0	106	-18	68	78	18
LOVING	TX			1*	78.1							
LUBBOCK	TX	50*	14.0	56	11.3	64	11.1	-19	-2	-21	23	74
LYNN	TX	5	11.1	1	3.2	4	9.5	-71	195	-14	27	58
MC CULLOCH	TX	3	6.0	7	17.8	2	4.4	195	-76	-28	18	09
MC LENNAN	TX	42	8.4	61	9.9	71	10.7	18	8	28	62	70
MC MULLEN	TX					1	22.3					98
MADISON	TX	2	5.4	3	10.6	5	10.5	95	-1	93	83	69
MARION	TX	2	9.0	1	3.7	5	10.8	-59	191	19	56	71
MARTIN	TX					5*	23.7					99
MASON	TX			4	15.7	4	10.8		-31			72
MATAGORDA	TX	8	10.7	7	7.7	10	8.5	-29	12	-20	23	44
MAVERICK	TX	3	5.2	8	16.2	5	6.2	210	-62	18	55	19
MEDINA	TX	9	10.6	11	12.0	9	8.0	14	-34	-24	21	37
MENARD	TX	1	4.9	2	9.0			84				
MIDLAND	TX	8	9.5	17	7.4	17	8.2	-22	10	-14	27	39
MILAM	TX	10	9.3	12	9.1	10	7.7	-3	-15	-18	25	33
MILLS	TX	1	2.4	1	2.1	2	4.1	-12	96	71	79	08
MITCHELL	TX	4	6.9	13*	24.4	4	6.7	254	-73	-3	37	23
MONTAGUE	TX	14*	14.6	9	12.0	13	10.5	-18	-12	-28	18	69
MONTGOMERY	TX	8	9.3	18	11.9	17	6.5	27	-45	-30	17	22
MOORE	TX	5	11.0	5	9.2	1	1.3	-16	-85	-88	00	03
MORRIS	TX	3	9.1	5	10.1	8	13.8	10	37	51	72	89
MOTLEY	TX	1	5.0	2	10.1	3	13.5	100	33	167	92	88
NACOGDOCHES	TX	9	7.9	7	5.9	16	9.7	-26	67	24	59	60
NAVARRO	TX	24*	15.6	16	9.9	17	9.3	-36	-7	-40	11	54
NEWTON	TX	3	11.8	1	2.5	3	6.0	-78	134	-49	08	17
NOLAN	TX	4	4.5	12	13.8	8	10.0	208	-27	125	88	63
NUECES	TX	48	7.5	68	8.9	63	7.8	19	-13	4	44	34
OCHILTREE	TX	1	1.7	6	24.9	4	14.8	1389	-41	782	99	92
OLDHAM	TX			2	26.0							
ORANGE	TX	10	6.1	28	14.2	25	9.3	131	-34	52	73	55
PALO PINTO	TX	14	14.0	12	10.3	10	8.0	-26	-22	-43	10	37
PANOLA	TX	4	6.1	3	4.4	10	12.9	-28	196	112	86	86
PARKER	TX	16	14.4	13	9.1	15	7.9	-37	-13	-45	10	35
PARMER	TX	1	2.4	6	15.3	2	7.1	549	-53	203	94	27
PECOS	TX	9*	24.9	3	6.8	4	7.2	-73	6	-71	02	28
POLK	TX	5	9.6	10	18.1	9	9.5	89	-48	-1	39	57
POTTER	TX	23	6.8	39	9.8	42	11.3	44	14	65	77	75
PRESIDIO	TX			1	3.6							
RAINS	TX	1	10.3	2	18.8	4	14.8	82	-21	43	69	92
RANDALL	TX	2	3.8	19	19.1	25	12.0	396	-37	212	94	80
REAGAN	TX			1	4.8							
REAL	TX	1	8.8	1	7.4	3	20.1	-16	170	127	88	98
RED RIVER	TX	12	13.7	8	9.7	8	7.4	-29	-24	-46	09	30
REEVES	TX	6	11.1	8	13.5	1	2.7	21	-80	-76	01	05
REFUGIO	TX	2	5.8	4	14.8	5	11.3	157	-24	96	84	76
ROBERTS	TX					1	37.2					99
ROBERTSON	TX	5	9.2	4	6.3	12*	19.3	-31	205	111	86	97
ROCKWALL	TX	5*	24.2	3	9.3	3	6.8	-62	-27	-72	02	24
RUNNELS	TX	9	11.3	8	9.6	10	12.9	-15	34	14	52	86
RUSK	TX	15	11.1	13	8.5	26*	12.7	-23	50	15	53	85
SABINE	TX	3	9.2	3	11.1	3	7.0	20	-37	-24	21	26
SAN AUGUSTINE	TX			2	6.5	4	8.3		28			41
SAN JACINTO	TX			2	12.7	1	3.2		-75			06
SAN PATRICIO	TX	11	6.8	18	10.5	20	10.3	54	-1	52	73	67
SAN SABA	TX	5	9.3	4	13.3	4	7.2	42	-46	-23	21	28
SCHLEICHER	TX	1	7.4	1	6.5	5*	44.7	-12	585	501	98	99
SCURRY	TX	7	11.0	8	9.2	11	14.0	-16	53	28	62	90
SHACKELFORD	TX	1	6.2	2	10.7	3	10.8	71	1	72	79	71
SHELBY	TX	8	8.0	12	11.9	7	5.9	48	-51	-27	19	17
SHERMAN	TX	3*	30.3			2	13.1			-57	05	87
SMITH	TX	29	11.3	34	11.4	41	10.3	1	-10	-9	32	66
SOMERVELL	TX	3	13.4	1	7.5	1	7.3	-44	-3	-46	09	29
STARR	TX	1	1.0	5	7.0	3	2.7	615	-61	176	92	05
STEPHENS	TX	5	8.0	5	10.3	3	4.5	29	-57	-44	10	09
STERLING	TX			1	11.8	1	12.4		5			83
STONEWALL	TX			5*	34.3	1	7.5		-78			31
SUTTON	TX	3	24.5			1	5.3			-78	01	13
SWISHER	TX	3	8.1	7	16.6	5	11.2	105	-32	39	67	75
TARRANT	TX	141	9.1	237*	11.9	253	10.4	32	-13	15	52	67
TAYLOR	TX	19	6.5	42	11.9	40	10.1	82	-15	54	74	64

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1	12.4	1	8.0	TERRELL	TX		-35			37
7	12.6	5	7.9	5	10.0	TERRY	TX	-37	27	-20	23	63
		2	19.6	1	4.8	THROCKMORTON	TX		-75			11
4	5.1	18*	21.7	18*	18.0	TITUS	TX	322	-17	251	96	96
16	6.4	27	9.3	32	9.4	TOM GREEN	TX	45	1	47	71	57
41	6.6	70	8.9	80	8.2	TRAVIS	TX	36	-8	25	60	40
3	7.5	6	13.2	2	3.4	TRINITY	TX	77	-74	-54	06	06
3	5.5	3	4.3	11	12.3	TYLER	TX	-22	186	124	88	82
7	8.6	11	11.0	15	12.7	UPSHUR	TX	28	15	47	71	85
		3	13.6	2	11.2	UPTON	TX		-18			75
		3	3.9	8	9.5	UVALDE	TX		141			57
5	9.4	3	3.2	6	4.5	VAL VERDE	TX	-66	41	-53	07	09
12	11.9	9	8.2	14	7.9	VAN ZANDT	TX	-31	-4	-34	14	35
8	4.8	20	11.9	15	7.0	VICTORIA	TX	147	-41	45	70	26
4	6.3	11	17.8	8	7.7	WALKER	TX	183	-57	23	59	34
2	6.2	4	11.4	6	12.3	WALLER	TX	83	8	98	84	82
3	4.2	3	8.1	6	11.9	WARD	TX	95	46	185	93	80
6	6.6	9	10.9	7	7.2	WASHINGTON	TX	66	-34	10	49	28
9	3.9	11	4.4	22	6.6	WEBB	TX	13	48	68	78	22
11	8.2	9	6.8	16	10.7	WHARTON	TX	-16	57	32	64	71
7	16.0	6	13.5	4	8.9	WHEELER	TX	-15	-34	-44	10	49
24	6.5	50	10.6	46	9.6	WICHITA	TX	63	-9	49	72	59
3	3.2	7	7.2	6	6.6	WILBARGER	TX	127	-9	107	86	22
3	5.6	6	8.9	8	13.2	WILLACY	TX	60	49	138	89	87
13	7.5	18	9.2	25	10.1	WILLIAMSON	TX	23	10	35	66	64
4	5.8	8	11.1	6	8.5	WILSON	TX	91	-23	46	70	44
1	2.5	6	16.7	6	20.6	WINKLER	TX	581	23	738	99	98
13	13.3	12	11.3	10	7.7	WISE	TX	-15	-32	-42	11	34
3	3.1	6	5.4	15	11.4	WOOD	TX	72	113	265	96	77
4	16.4	2	8.0	1	9.3	YOAKUM	TX	-51	16	-43	10	55
4	4.3	12	12.0	7	6.1	YOUNG	TX	180	-49	42	69	19
				1	5.0	ZAPATA	TX					12
2	3.3	4	7.9	2	5.5	ZAVALA	TX	138	-31	64	77	14
260	8.4	316	8.7	368	8.0	UTAH	UT	3	-8	-5		
2	7.6	1	4.7	2	7.9	BEAVER	UT	-39	69	3	44	36
9	10.4	7	6.8	9	7.1	BOX ELDER	UT	-35	5	-31	16	27
13	8.8	12	7.2	22	11.6	CACHE	UT	-18	62	33	65	78
9	10.1	14	17.0	6	6.8	CARBON	UT	69	-60	-32	15	24
11	8.0	28	12.7	26	7.4	DAVIS	UT	58	-42	-8	33	30
3	14.4	3	15.7	8*	24.8	DUCHESNE	UT	9	58	71	79	99
3	12.3	1	3.6	3	9.1	EMERY	UT	-70	149	-26	19	51
1	8.1	3	17.5	1	7.4	GARFIELD	UT	116	-58	-9	32	30
1	10.7	2	7.1			GRAND	UT	-34				
6	16.6	7	15.5	3	5.7	IRON	UT	-7	-63	-66	03	15
2	6.4	1	3.9	2	6.8	JUAB	UT	-40	76	6	45	24
1	7.6	1	9.9	1	5.5	KANE	UT	30	-44	-28	18	14
3	8.5	4	9.9	3	6.1	MILLARD	UT	16	-38	-28	18	19
3*	23.7	1	6.1	1	3.8	MORGAN	UT	-74	-38	-84	00	07
				1	18.6	PIUTE	UT					97
1	10.5					RICH	UT					
113	8.6	134	8.6	163	8.4	SALT LAKE	UT	0	-2	-3	38	42
1	10.1	3	12.1			SAN JUAN	UT	20				
8	12.1	3	4.9	6	8.7	SANPETE	UT	-60	78	-28	18	46
4	8.0	3	5.7	5	7.5	SEVIER	UT	-29	32	-6	35	31
		3	13.0	2	6.0	SUMMIT	UT		-54			18
5	8.0	6	10.8	6	6.3	TOOELE	UT	34	-41	-21	22	20
2	3.3	1	2.9	4	7.9	UINTAH	UT	-11	166	136	89	35
25	6.1	31	8.2	42	7.3	UTAH	UT	35	-12	19	56	28
2	4.5	2	7.3	4	11.6	WASATCH	UT	63	59	158	91	78
5	9.9	6	11.8	12	10.1	WASHINGTON	UT	19	-15	2	43	64
1	14.3	1	10.3			WAYNE	UT	-28				
26	8.2	38	8.4	36	6.2	WEBER	UT	3	-26	-24	21	19
162	8.7	182	9.3	187	8.6	VERMONT	VT	7	-7	-1		
4	3.9	5	4.9	9	7.1	ADDISON	VT	24	45	80	81	26
10	7.7	6	4.2	14	8.7	BENNINGTON	VT	-45	107	13	52	46
13	11.0	8	6.5	7	5.4	CALEDONIA	VT	-40	-18	-51	07	14
28	9.4	34	10.2	26	7.0	CHITTENDEN	VT	9	-32	-26	20	26
3	8.3	5	18.2	1	4.3	ESSEX	VT	120	-76	-48	08	09
13	9.4	13	8.7	13	8.5	FRANKLIN	VT	-7	-2	-10	31	43
2	10.4	1	6.5			GRAND ISLE	VT	-38				
6	10.2	2	3.5	8	11.8	LAMOILLE	VT	-65	233	15	53	79
6	7.7	8	8.2	13	11.8	ORANGE	VT	7	44	54	73	79
14	13.1	11	10.7	12	11.2	ORLEANS	VT	-18	4	-15	27	74
17	7.4	32	13.0	36*	13.4	RUTLAND	VT	76	3	82	81	88
10	5.1	12	5.4	20	8.8	WASHINGTON	VT	7	63	74	80	48
16	10.5	23	14.8	12	7.1	WINDHAM	VT	40	-52	-32	16	27
20	9.2	22	10.1	16	6.7	WINDSOR	VT	10	-33	-27	19	24
871	7.3	1176	8.8	1351	8.4	VIRGINIA	VA	20	-4	16		
5	4.1	15	13.1	15	12.4	ACCOMACK	VA	220	-5	204	94	83
15	8.4	22	9.4	21	7.9	ALBEMARLE#	VA	12	-15	-5	36	36
14	11.2	7	6.1	10	8.1	ALLEGHANY#	VA	-45	32	-28	18	38
4	18.4	4	18.7	1	4.1	AMELIA	VA	2	-78	-78	01	08
7	9.7	6	7.6	14	15.4	AMHERST	VA	-22	103	59	75	93
6	16.2	5	12.4	5	11.3	APPOMATTOX	VA	-23	-9	-30	17	76
57	10.8	56	9.1	63	9.4	ARLINGTON#	VA	-15	2	-13	28	56
22	7.6	15	4.3	36	9.3	AUGUSTA#	VA	-43	116	23	59	55
2	6.7	3	12.3			BATH	VA	83				
27	6.8	34	7.6	45	8.2	BEDFORD#	VA	11	9	20	57	40
2	6.5	2	6.9	1	8.3	BLAND	VA	5	20	27	62	40
11*	14.6	4	6.5	5	6.4	BOTETOURT	VA	-55	-2	-56	06	21
1	2.5	3	8.5	1	3.9	BRUNSWICK	VA	241	-54	56	74	08
7	6.4	9	5.9	12	10.5	BUCHANAN	VA	-8	77	64	77	68
3	8.0	1	2.5	4	11.0	BUCKINGHAM	VA	-68	339	38	67	73
2	5.6	1	3.1	7	17.6	CAROLINE	VA	-44	465	215	94	96
23	10.3	25	12.4	20	8.3	CARROLL#	VA	19	-33	-20	23	40

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE ÷CHANGE 70S/50S	PERCENTILE RATES 1970S
		1	20.9	1	16.5	CHARLES CITY VA		-11			97
8*	18.1	7	17.2	6	12.1	CHARLOTTE VA	-5	-29	-33	15	81
69	8.0	75	8.4	76	7.8	CHESTERFIELD#VA	5	-7	-2	38	35
		3	8.5	4	10.6	CLARKE VA		25			70
		1	5.9	2	9.0	CRAIG VA		52			50
3	5.9	3	4.8	8	10.1	CULPEPER VA	-19	109	70	78	64
1	7.2	2	11.1	1	3.9	CUMBERLAND VA	54	-65	-46	09	07
7	8.6	10	14.3	8	9.8	DICKENSON VA	68	-31	15	53	61
15	6.2	14	5.5	22	7.6	DINWIDDIE#VA	-12	39	23	59	32
1	7.5	2	11.9	4	17.6	ESSEX VA	59	48	136	89	96
45	6.0	116	9.2	157	9.5	FAIRFAX#VA	54	3	59	75	57
6	7.0	7	7.8	7	5.9	FAUQUIER VA	12	-25	-16	26	17
1	1.9	2	4.0	9	14.6	FLOYD VA	115	261	677	99	92
2	9.9	2	6.8	5	16.6	FLUVANNA VA	-31	145	68	78	95
10	9.4	8	7.7	7	5.8	FRANKLIN VA	-18	-25	-38	12	16
7	5.0	9	5.4	11	5.1	FREDERICK#VA	7	-5	2	42	12
3	3.4	5	5.9	6	7.4	GILES VA	73	26	117	87	30
6	13.8	4	7.8	5	8.4	GLOUCESTER VA	-43	8	-39	12	42
2	8.8	1	3.0			GOOCHLAND VA	-66				
3	14.3			4	14.6	GREENE VA			1	42	91
3	13.7	4	18.6	2	6.6	GREENSVILLE#VA	35	-65	-52	07	23
4	4.1	14	13.3	16	12.5	HALIFAX#VA	225	-5	208	94	84
11	12.9	9	8.7	9	5.4	HANOVER VA	-32	-38	-58	05	14
23	7.2	34	7.7	41	7.2	HENRICO VA	7	-7	-1	40	28
8	4.9	15	7.9	21	9.2	HENRY#VA	61	17	89	83	54
2	15.6			1	4.8	HIGHLAND VA			-69	02	11
		4	12.2	7	13.8	ISLE OF WIGHT VA		13			89
7	6.9	12	8.5	16	8.9	JAMES CITY#VA	24	5	30	63	50
		2	14.3	1	4.6	KING AND QUEEN VA		-68			10
1	4.2	3	10.3	1	3.5	KING GEORGE VA	145	-66	-17	25	06
2	9.9	1	7.5	2	6.9	KING WILLIAM VA	-25	-8	-31	16	25
		5	12.0	1	1.6	LANCASTER VA		-87			03
7	6.6	6	4.8	9	7.2	LEE VA	-27	50	9	48	28
6	6.7	8	7.4	12	8.1	LOUDOUN VA	10	10	22	58	39
2	5.4	8	18.8	8	12.5	LOUISA VA	246	-34	129	88	83
4	9.5	4	11.3	3	7.4	LUNENBURG VA	19	-34	-22	22	30
2	5.6	5	13.7	2	4.7	MADISON VA	145	-66	-17	25	10
2	4.0	4	7.8	4	7.6	MATHEWS VA	94	-2	90	83	33
4	5.5	7	7.4	7	7.3	MECKLENBURG VA	35	-2	32	65	29
1	4.0			1	2.4	MIDDLESEX VA			-40	11	04
10	7.0	10	5.7	15	6.6	MONTGOMERY#VA	-20	17	-6	35	23
4	7.7	3	7.1	2	4.4	NELSON VA	-9	-38	-43	10	09
3	6.0	6	12.7	5	9.6	NORTHAMPTON VA	110	-24	59	75	59
1	2.9	3	5.7	2	7.4	NORTHUMBERLAND VA	99	29	158	91	30
2	4.3	3	5.7	5	8.7	NOTTOWAY VA	33	53	104	85	47
2	4.4	7	14.4	8	12.3	ORANGE VA	230	-15	181	93	82
3	3.5	5	7.3	11	13.0	PAGE VA	106	79	268	96	86
6	9.1	10	14.4	5	5.6	PATRICK VA	59	-61	-38	12	15
24	7.7	32	10.2	36	9.8	PITTSYLVANIA#VA	33	-4	28	63	61
		3	18.1	3	8.4	POWHATAN VA		-54			42
2	4.5	2	4.7	6	11.6	PRINCE EDWARD VA	4	147	158	91	78
6	6.7	11	6.8	25	8.7	PRINCE WILLIAM#VA	1	28	30	63	47
8	8.4	7	7.2	13	9.9	PULASKI VA	-14	37	18	55	62
1	5.4	2	7.8	2	7.3	RAPPAHANNOCK VA	47	-7	36	66	29
2	10.5	1	4.4	2	7.0	RICHMOND VA	-58	59	-34	14	26
35	6.0	71	10.8	74	9.9	ROANOKE#VA	80	-8	65	77	62
4	3.5	9	9.3	9	6.8	ROCKBRIDGE#VA	162	-27	91	83	24
11	5.7	12	5.1	19	6.3	ROCKINGHAM#VA	-11	23	10	49	20
7	5.8	6	6.1	6	5.2	RUSSELL VA	5	-14	-10	31	13
10	8.8	7	6.2	13	10.5	SCOTT VA	-29	70	20	56	68
12	11.8	12	10.1	12	9.4	SHENANDOAH VA	-14	-7	-20	23	56
7	5.5	9	6.8	10	6.6	SMYTH VA	25	-4	20	57	22
3	5.8	4	6.8	6	9.7	SOUTHAMPTON#VA	17	42	67	77	60
9	11.0	7	7.2	9	7.0	SPOTSYLVANIA#VA	-34	-3	-36	13	26
		4	6.4	9	9.2	STAFFORD VA		43			53
1	10.0	2	14.4	1	10.7	SURRY VA	43	-25	7	46	70
1	4.5	3	13.0	1	3.1	SUSSEX VA	188	-76	-32	16	05
16	9.2	17	10.5	13	7.1	TAZEWELL VA	14	-32	-23	22	27
9	14.6	2	2.6	4	4.0	WARREN VA	-82	54	-72	01	08
23	9.8	23	9.7	19	7.3	WASHINGTON#VA	-1	-25	-25	20	29
3	8.4	4	14.9	2	3.9	WESTMORELAND VA	78	-74	-54	06	07
14	6.2	16	8.9	23	12.4	WISE#VA	42	39	98	84	83
8	8.4	10	11.5	5	4.3	WYTHE VA	37	-62	-48	08	09
97	7.5	158	11.2	143	8.3	CHESAPEAKE CITY#VA	50	-26	11	50	41
12	5.5	26	10.5	32	10.3	HAMPTON CITY VA	90	-3	85	82	66
18	9.3	31	13.2	27	8.6	NEWPORT NEWS CITY VA	42	-35	-7	34	45
11	16.2	9	9.2	7	6.5	SUFFOLK CITY VA	-43	-30	-60	04	21
1087	8.7	1378	9.9	1411	8.8	WASHINGTON WA	13	-11	1		
4	8.5	5	12.6	6	11.9	ADAMS WA	48	-6	40	68	80
7	8.5	9	14.0	9	10.1	ASOTIN WA	64	-28	19	56	64
20	8.1	14	7.0	29	9.8	BENTON WA	-13	40	21	58	61
17	8.1	15	6.7	16	6.6	CHELAN WA	-17	-2	-19	24	22
10	6.3	13	7.1	15	6.5	CLALLAM WA	13	-8	4	44	22
27	5.9	52	10.1	58	8.8	CLARK WA	70	-13	48	71	47
2	6.2	1	3.1	3	11.4	COLUMBIA WA	-50	266	83	81	76
20	9.1	29	10.4	25	8.1	COWLITZ WA	15	-23	-11	29	37
3	4.9	7	8.9	10	10.7	DOUGLAS WA	81	20	117	87	70
3	19.5	2	11.6			FERRY WA	-40				
8	12.6	5	4.4	7	6.6	FRANKLIN WA	-65	50	-47	09	23
5*	28.6	4*	22.9	2	11.8	GARFIELD WA	-20	-49	-59	04	79
11	6.6	12	6.0	19	10.1	GRANT WA	-8	68	54	73	64
23	8.2	32	10.3	23	7.4	GRAYS HARBOR WA	26	-28	-10	31	30
4	5.3	14	15.2	16	9.6	ISLAND WA	185	-37	80	81	58
4	8.9	3	5.4	7	10.5	JEFFERSON WA	-39	94	18	55	69
335	8.9	450	10.5	425	9.0	KING WA	18	-14	1	42	50
49*	12.8	34	7.9	37	6.8	KITSAP WA	-38	-14	-47	09	25
5	4.4	16	14.5	14	11.9	KITTITAS WA	232	-18	172	92	80
6	10.3	7	9.8	5	6.5	KLICKITAT WA	-4	-34	-37	13	21
21	8.6	30	11.8	22	8.0	LEWIS WA	38	-32	-6	35	37

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1.204-208

COUNTY AND STATE		1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
LINCOLN	WA	7	10.2	6	9.5	8	11.1	-8	17	8	47	74
MASON	WA	6	6.9	12	11.6	15	10.7	69	-8	56	74	70
OKANOGAN	WA	6	4.2	12	8.7	12	8.3	106	-5	96	84	41
PACIFIC	WA	5	5.1	6	6.5	6	4.6	27	-29	-10	31	10
PEND OREILLE	WA	6	13.7	7	17.4	5	11.8	27	-32	-14	27	79
PIERCE	WA	112	8.2	136	9.0	151	8.8	9	-3	6	46	47
SAN JUAN	WA	1	4.0	3	14.1	4	8.2	252	-42	104	85	39
SKAGIT	WA	15	6.1	30	11.2	31	10.3	82	-7	68	78	67
SKAMANIA	WA	1	3.5			2	5.2			48	71	13
SNOHOMISH	WA	63	9.2	101	10.9	96	8.4	18	-23	-9	32	42
SPOKANE	WA	108	8.6	132	9.7	136	9.3	12	-3	9	48	56
STEVENS	WA	10	9.8	10	9.8	11	9.7	0	-1	-1	39	60
THURSTON	WA	22	9.1	39	13.0	49	11.2	43	-13	24	60	75
WAHKIAKUM	WA	2	8.7	2	10.0	2	8.5	16	-15	-2	39	44
WALLA WALLA	WA	25	11.2	19	9.0	17	7.6	-19	-15	-32	16	32
WHATCOM	WA	33	9.2	39	10.1	42	9.6	10	-5	4	45	58
WHITMAN	WA	14	9.7	19	13.6	14	9.6	40	-29	-1	39	59
YAKIMA	WA	67	10.6	51	7.4	62	8.4	-31	14	-21	23	42
WEST VIRGINIA	WV	643	7.7	743	9.0	725	8.4	17	-7	9		
BARBOUR	WV	7	7.9	7	8.7	6	6.5	10	-25	-17	25	22
BERKELEY	WV	5	3.2	13	7.3	15	7.5	132	3	138	89	31
BOONE	WV	5	4.6	10	7.9	7	5.9	72	-26	28	62	17
BRAXTON	WV	13*	16.0	9	10.2	11	12.9	-36	27	-20	23	86
BROOKE	WV	7	5.7	13	9.9	18	13.0	74	32	129	88	86
CABELL	WV	33	7.3	50	10.3	46	9.2	42	-11	26	61	53
CALHOUN	WV	4	8.8	2	3.6	3	6.4	-59	75	-28	18	20
CLAY	WV	2	2.9	3	6.1	4	6.7	113	9	133	89	23
DODDRIDGE	WV	3	6.5	2	7.3	5	13.7	12	88	112	86	89
FAYETTE	WV	19	6.5	20	8.2	19	7.7	27	-7	18	55	33
GILMER	WV	4	8.5	8	17.4	5	9.0	105	-48	6	46	50
GRANT	WV	2	4.2	3	6.7	9*	18.4	60	175	340	97	96
GREENBRIER	WV	9	6.4	7	4.3	10	5.7	-33	31	-12	29	15
HAMPSHIRE	WV	1	1.7	4	7.1	3	4.4	324	-37	166	92	09
HANCOCK	WV	5	3.5	16	11.0	14	7.7	210	-30	117	87	33
HARDY	WV	4	8.6	7	14.7	3	5.7	72	-61	-33	15	16
HARRISON	WV	34	9.0	42	11.1	39	9.8	23	-11	9	48	61
JACKSON	WV	7	8.7	8	8.5	4	3.6	-2	-58	-59	04	06
JEFFERSON	WV	3	4.0	5	6.7	7	6.9	66	3	71	79	25
KANAWHA	WV	91	10.0	107	11.3	88	9.1	13	-19	-8	32	52
LEWIS	WV	7	5.7	9	7.8	6	5.7	36	-27	-1	40	15
LINCOLN	WV	13	13.9	14	14.5	12	11.4	4	-21	-18	25	76
LOGAN	WV	15	6.7	16	7.3	11	5.6	9	-24	-17	25	15
MC DOWELL	WV	24	10.7	13	6.5	17	9.0	-39	38	-17	26	50
MARION	WV	27	8.9	43*	14.1	29	8.9	59	-36	1	41	50
MARSHALL	WV	14	7.6	18	9.8	14	7.4	30	-25	-3	38	30
MASON	WV	8	7.1	11	9.7	10	8.1	38	-16	16	53	39
MERCER	WV	27	9.2	26	9.9	27	9.7	7	-2	5	45	60
MINERAL	WV	7	7.0	7	6.6	10	8.4	-5	27	20	57	43
MINGO	WV	15	8.8	11	7.2	12	8.5	-18	17	-4	37	43
MONONGALIA	WV	22	8.5	21	8.1	22	8.2	-5	1	-4	36	39
MONROE	WV	4	6.3	2	2.9	10	14.7	-54	413	135	89	92
MORGAN	WV	6	13.6	4	9.7	1	1.5	-29	-84	-89	00	03
NICHOLAS	WV	5	4.7	8	7.2	11	9.3	53	30	98	84	55
OHIO	WV	28	8.2	26	7.9	32	10.1	-4	28	23	59	64
PENDLETON	WV	2	3.8	6	13.7	4	8.5	258	-38	121	87	43
PLEASANTS	WV	1	2.7	2	5.4	2	6.1	99	13	125	88	19
POCAHONTAS	WV	3	6.1	4	8.2	2	2.8	34	-66	-54	06	05
PRESTON	WV	15	10.1	7	5.0	5	3.2	-50	-37	-69	02	05
PUTNAM	WV	4	3.4	10	8.8	12	9.2	160	4	172	92	53
RALEIGH	WV	20	6.5	24	7.6	28	8.2	17	8	26	61	40
RANDOLPH	WV	8	5.8	11	8.2	12	8.4	42	3	47	71	43
RITCHIE	WV	3	4.8	10	14.3	5	6.6	197	-54	37	67	23
ROANE	WV	5	5.2	6	7.3	6	6.4	39	-12	22	58	21
SUMMERS	WV	12*	15.0	14*	19.4	5	5.6	29	-71	-63	03	15
TAYLOR	WV	9	10.7	8	10.5	7	7.7	-2	-26	-28	18	34
TUCKER	WV	4	7.1	3	9.9	5	10.2	40	3	44	70	65
TYLER	WV	5	7.6	6	9.5	2	3.5	24	-63	-54	06	06
UPSHUR	WV	5	4.7	3	3.2	8	6.7	-32	110	43	69	23
WAYNE	WV	11	5.6	8	4.2	12	6.1	-26	45	8	47	18
WEBSTER	WV	8	11.7	6	10.7	9	13.8	-8	28	18	55	89
WETZEL	WV	8	7.4	5	4.8	12	11.2	-36	133	50	72	75
WIRT	WV	3	11.3	1	4.2			-62				
WOOD	WV	25	7.1	34	9.2	37	9.0	30	-2	27	62	51
WYOMING	WV	12	6.5	10	6.7	12	8.6	3	29	33	65	45
WISCONSIN	WI	1608*	8.9	1936	9.8	1971	9.2	10	-6	3		
ADAMS	WI	1	1.4	4	6.1	11	13.6	338	121	867	99	88
ASHLAND	WI	3	2.8	7	7.1	13	11.5	150	63	309	97	77
BARRON	WI	18	10.2	16	8.2	16	6.7	-20	-18	-34	14	24
BAYFIELD	WI	11	13.0	6	6.7	9	10.4	-49	57	-19	23	68
BROWN	WI	50	10.0	46	7.8	61	9.5	-22	22	-5	36	57
BUFFALO	WI	4	4.9	6	7.6	13	14.6	56	91	198	94	92
BURNETT	WI	7	12.7	7	9.3	2	2.2	-27	-77	-83	00	04
CALUMET	WI	11	10.8	13	10.3	15	11.9	-4	15	11	50	60
CHIPPEWA	WI	30*	13.7	30	13.3	19	7.3	-3	-45	-47	09	29
CLARK	WI	17	9.3	20	10.5	21	10.2	12	-3	9	48	65
COLUMBIA	WI	17	8.1	28	12.5	27	11.4	55	-9	41	68	76
CRAWFORD	WI	4	4.2	8	9.7	7	6.9	128	-29	63	76	25
DANE	WI	76	9.1	86	8.8	98	9.0	-4	3	-1	39	50
DODGE	WI	40*	12.7	38	11.2	24	6.4	-12	-43	-50	08	20
DOOR	WI	16*	14.9	8	6.9	8	6.2	-54	-9	-58	05	20
DOUGLAS	WI	30	12.1	25	10.1	17	7.3	-16	-28	-40	11	29
DUNN	WI	14	9.2	12	7.4	14	8.2	-19	10	-11	30	39
EAU CLAIRE	WI	23	9.1	28	10.2	36	11.4	11	12	24	60	76
FLORENCE	WI	2	9.2	2	8.1	3	13.5	-11	66	47	71	88
FOND DU LAC	WI	31	8.6	35	8.9	56*	13.4	4	50	55	74	88
FOREST	WI	5	11.0	6	12.8	3	5.3	16	-59	-52	07	13
GRANT	WI	27	12.0	28	12.4	26	10.8	4	-13	-10	31	71

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
12	8.6	14	10.2	11	6.7	GREEN	WI	19	-34	-22	22	24
4	5.2	10	10.5	21*	19.4	GREEN LAKE	WI	103	84	273	96	97
9	9.1	8	7.7	9	8.4	IOWA	WI	-15	9	-7	34	42
2	3.9	1	3.1	2	6.2	IRON	WI	-20	100	59	75	19
7	7.3	16*	18.9	15	13.8	JACKSON	WI	160	-27	89	83	89
23	8.5	41*	14.4	30	9.8	JEFFERSON	WI	69	-32	14	52	60
14	12.4	8	7.5	15	12.8	JUNEAU	WI	-40	70	3	43	65
42	11.2	32	6.3	55	10.4	KENOSHA	WI	-44	65	-7	34	68
5	5.3	9	9.9	15	14.0	KEWAUNEE	WI	87	42	165	91	90
26	7.6	40	11.0	39	10.0	LA CROSSE	WI	45	-9	32	64	63
11	11.0	12	12.2	6	6.4	LAFAYETTE	WI	11	-47	-42	11	21
7	6.6	9	7.0	16	13.7	LANGLADE	WI	7	94	108	86	89
7	5.3	19	14.3	7	4.8	LINCOLN	WI	171	-66	-8	33	11
27	7.9	50	13.3	39	9.3	MANITOWOC	WI	67	-30	17	54	55
33	7.9	26	6.1	51	10.6	MARATHON	WI	-23	75	35	66	69
19	10.1	14	7.4	21	9.1	MARINETTE	WI	-27	23	-10	30	52
7	12.9	3	5.5	1	1.0	MARQUETTE	WI	-57	-82	-92	00	03
34	10.6	33	9.7	45	12.6	MENOMINEE#	WI	-9	30	19	56	84
379	9.3	459	10.2	383	9.0	MILWAUKEE	WI	10	-12	-3	37	50
16	9.8	17	9.2	10	5.0	MONROE	WI	-6	-45	-49	08	12
11	11.3	11	9.1	17	10.2	ONEIDA	WI	-19	11	-10	30	65
28	6.3	49	11.3	47	9.1	OUTAGAMIE	WI	79	-20	44	70	52
11	8.6	24	13.9	22	9.5	OZAUKEE	WI	61	-31	11	50	58
6	15.7	4	8.5	5	10.0	PEPIN	WI	-46	17	-36	13	63
13	10.6	16	11.5	13	9.2	PIERCE	WI	8	-20	-13	28	53
16	12.2	12	7.4	20	10.9	POLK	WI	-40	48	-11	30	72
18	11.0	16	8.0	20	9.1	PORTAGE	WI	-27	14	-17	25	51
7	8.1	9	7.9	3	2.3	PRICE	WI	-3	-70	-71	02	04
59	10.2	67	10.1	54	7.6	RACINE	WI	-1	-24	-25	20	32
8	7.9	12	12.0	8	8.0	RICHLAND	WI	51	-33	1	41	37
43	8.6	59	10.7	45	7.8	ROCK	WI	24	-27	-9	32	35
7	8.2	9	11.5	7	7.3	RUSK	WI	41	-36	-10	31	29
8	5.1	20	12.7	20	10.6	ST CROIX	WI	151	-16	110	86	69
16	7.5	13	6.4	24	9.8	SAUK	WI	-14	53	31	64	61
8	14.5	6	7.3	6	7.4	SAWYER	WI	-49	2	-49	08	30
34	7.8	39	8.2	48	9.4	SHEBOYGAN	WI	5	15	20	57	57
9	10.2	9	9.1	8	7.4	TAYLOR	WI	-11	-18	-27	18	30
7	4.7	19	13.3	20*	16.2	TREMPEALEAU	WI	183	22	247	95	94
13	8.6	15	9.7	19	12.2	VERNON	WI	12	25	41	68	81
4	7.9	5	11.4	8	9.8	VILAS	WI	45	-14	24	59	61
26	9.8	29	9.9	29	8.6	WALWORTH	WI	1	-13	-12	29	46
6	8.3	6	7.8	5	5.8	WASHBURN	WI	-6	-26	-31	17	16
22	11.8	19	7.5	27	8.8	WASHINGTON	WI	-37	18	-25	20	48
35	7.2	76	9.9	94	10.3	WAUKESHA	WI	37	4	43	69	67
16	7.9	21	8.2	22	8.3	WAUPACA	WI	4	0	5	45	40
6	7.2	7	6.7	7	8.3	WAUSHARA	WI	-7	25	16	53	41
23	4.7	53	9.7	39	6.8	WINNEBAGO	WI	107	-30	45	70	24
27	10.7	31	10.5	38	11.5	WOOD	WI	-2	9	7	46	77
109	8.1	125	8.4	114	7.0	WYOMING	WY	5	-17	-13		
7	10.6	10	13.0	2	2.8	ALBANY	WY	23	-79	-74	01	05
8	12.1			4	5.8	BIG HORN	WY			-52	07	16
2	7.3	1	2.4	6	16.2	CAMPBELL	WY	-68	588	123	88	94
3	3.8	9	13.4	6	8.8	CARBON	WY	250	-35	129	68	47
3	9.5	2	5.7	2	5.1	CONVERSE	WY	-40	-11	-46	09	12
4	13.9	3	17.8	1	3.9	CROOK	WY	27	-78	-72	02	07
8	8.8	9	8.9	12	11.0	FREMONT	WY	1	24	25	61	73
4	7.2	5	8.1	8	12.4	GOSHEN	WY	13	52	72	79	83
1	2.6	3	8.5	1	2.4	HOT SPRINGS	WY	224	-72	-9	32	04
3	12.0	4	12.2	3	9.2	JOHNSON	WY	2	-25	-23	21	53
12	6.9	15	6.0	17	7.1	LARAMIE	WY	-13	18	2	43	27
5	13.2	6	14.4	1	1.7	LINCOLN	WY	10	-88	-87	00	03
15	10.0	13	6.5	15	6.9	NATRONA	WY	-35	5	-31	16	25
1	4.7	2	9.1			NIOBRARA	WY	94				
8	10.1	10	11.0	7	6.0	PARK-TETON#	WY	9	-46	-41	11	17
3	7.9	5	15.6	3	5.4	PLATTE	WY	96	-65	-32	16	14
6	5.4	9	7.2	15	11.5	SHERIDAN	WY	33	60	113	87	77
1	6.0			1	6.4	SUBLETTE	WY			6	46	20
11	14.6	6	7.4	3	2.3	SWEETWATER	WY	-49	-69	-84	00	04
1	2.2	2	5.4	3	6.4	UINTA	WY	147	18	191	93	20
2	7.0	6	16.8	3	7.6	WASHAKIE	WY	141	-55	8	47	32

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COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE LEUKEMIAS ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
42273	5.7	53660	5.9	59453	5.4	UNITED STATES		4	-9	-6		
511	5.0	714	5.9	894	5.7	ALABAMA	AL	18	-3	15		
4	8.2	4	6.3	5	5.2	AUTAUGA	AL	-23	-17	-36	22	50
6	3.4	15	6.4	16	4.3	BALDWIN	AL	86	-33	25	67	33
1	1.4	6	7.5	7	7.7	BARBOUR	AL	437	2	446	98	83
3	5.0	3	4.8	6	8.7	BIBB	AL	-3	80	75	83	89
3	2.3	2	1.6	11	6.7	BLOUNT	AL	-32	322	185	94	74
2	10.9	5*	21.2	1	4.1	BULLOCK	AL	95	-81	-62	07	29
1	1.4	3	4.0	5	4.1	BUTLER	AL	178	1	181	94	28
22	7.3	18	4.7	26	5.2	CALHOUN	AL	-35	8	-30	26	48
12	10.0	10	6.9	16*	9.8	CHAMBERS	AL	-31	42	-2	50	93
4	6.0	7	9.2	6	6.8	CHEROKEE	AL	54	-26	14	62	77
5	4.8	2	1.6	12	7.8	CHILTON	AL	-66	378	64	80	84
3	9.0	2	4.9	2	3.3	CHOCTAW	AL	-45	-33	-63	06	19
4	5.3	4	5.0	9	9.1	CLARKE	AL	-6	82	71	82	91
3	5.7	5	6.8	3	2.9	CLAY	AL	19	-58	-50	13	15
4	8.7	3	5.6	3	4.8	CLEBURNE	AL	-35	-15	-45	15	40
2	1.8	8	7.1	10	5.5	COFFEE	AL	297	-22	211	95	57
6	4.4	10	5.5	18	7.3	COLBERT	AL	25	33	65	81	80
5	8.7	8*	14.6	5	5.4	CONECUH	AL	69	-63	-37	21	54
1	2.8	3	8.2	6*	12.9	COOSA	AL	194	57	362	98	97
7	4.4	4	2.3	15	7.0	COVINGTON	AL	-49	210	57	78	78
		4	5.5	7	8.0	CRENSHAW	AL		47			86
16	7.0	13	5.2	23	6.6	CULLMAN	AL	-26	27	-6	47	73
8	8.9	7	6.6	6	3.3	DALE	AL	-25	-49	-62	07	20
4	3.1	9	6.9	9	5.7	DALLAS	AL	120	-18	81	85	60
12	6.0	14	6.3	11	3.6	DE KALB	AL	5	-42	-39	19	23
6	5.5	8	6.4	14	8.8	ELMORE	AL	15	38	59	79	90
7	5.9	3	2.5	13	9.3	ESCAMBIA	AL	-57	268	58	79	91
15	3.8	25	5.8	35	6.5	ETOWAH	AL	55	12	73	83	72
2	2.7	4	4.7	7	6.8	FAYETTE	AL	76	44	155	92	76
1	.9	9	7.6	11	7.0	FRANKLIN	AL	735	-8	667	99	78
6	5.8	8	7.1	6	4.2	GENEVA	AL	23	-40	-27	29	31
2	6.1	2	5.8			HALE	AL	-6				
		1	2.8	1	2.7	HENRY	AL		-4			14
16*	9.6	9	4.5	14	5.4	HOUSTON	AL	-53	19	-44	16	53
7	3.9	6	3.4	18	8.1	JACKSON	AL	-11	136	109	88	86
94	5.2	128	5.7	141	5.2	JEFFERSON	AL	9	-10	-1	51	48
2	3.4	8	12.0	6	5.7	LAMAR	AL	254	-52	69	82	60
16	7.1	19	6.6	19	5.2	LAUDERDALE	AL	-7	-21	-27	29	49
4	4.9	3	2.7	7	5.7	LAWRENCE	AL	-45	109	16	62	60
3	2.1	10	7.4	6	2.9	LEE	AL	250	-60	38	72	16
6	3.8	7	4.8	7	3.7	LIMESTONE	AL	25	-24	-4	48	23
1	4.9	3	14.4	2	9.8	LOWNDES	AL	194	-32	100	87	93
		1	3.7	2	7.2	MACON	AL		96			80
12	3.8	20	3.9	36	5.2	MADISON	AL	4	35	40	73	50
3	6.5	2	3.8	4	4.5	MARENGO	AL	-41	19	-31	26	35
4	3.1	6	4.9	7	3.9	MARION	AL	55	-20	24	67	26
12	5.5	18	7.1	22	6.2	MARSHALL	AL	31	-12	14	62	70
41	5.3	66	6.5	67	5.5	MOBILE	AL	22	-16	2	54	55
2	3.4	5	7.9	1	1.0	MONROE	AL	131	-87	-70	04	06
24	5.3	40	7.4	46	7.0	MONTGOMERY	AL	40	-4	34	71	79
11	4.5	13	4.5	28	7.3	MORGAN	AL	-2	63	60	79	81
3	8.9	2	4.4	1	1.6	PERRY	AL	-50	-65	-82	01	08
1	1.4	4	5.4	4	4.9	PICKENS	AL	274	-9	242	96	44
4	5.0	8	8.9	9	8.6	PIKE	AL	77	-4	70	82	89
3	3.5	2	2.5	7	5.5	RANDOLPH	AL	-30	126	58	79	57
2	1.6	12	9.8	5	3.6	RUSSELL	AL	500	-64	118	89	22
5	4.4	3	2.5	7	4.1	ST CLAIR	AL	-44	67	-7	46	29
2	2.0	12	8.5	13	6.6	SHELBY	AL	332	-23	235	96	74
2	8.4	2	8.2	4	8.6	SUMTER	AL	-3	5	3	54	89
12	6.1	15	7.1	19	6.5	TALLADEGA	AL	17	-8	8	58	73
10	8.0	6	4.2	6	3.2	TALLAPOOSA	AL	-47	-25	-60	08	18
12	3.7	25	6.1	31	6.2	TUSCALOOSA	AL	67	1	68	82	69
13	5.3	22	8.7	21	5.9	WALKER	AL	63	-32	12	60	64
3	6.8	5	10.6	2	3.2	WASHINGTON	AL	57	-70	-52	11	18
3	11.3	1	4.4	2	5.0	WILCOX	AL	-61	14	-56	10	45
1	1.4	2	2.7	5	5.3	WINSTON	AL	89	95	268	97	51
		20	5.5	44	6.9	ALASKA	AK		25			
190	4.8	362	5.6	571	5.4	ARIZONA	AZ	17	-4	12		
2	14.3	1	3.0	1	3.7	APACHE	AZ	-79	26	-74	03	24
10	4.9	11	4.4	20	5.9	COCHISE	AZ	-9	33	20	65	64
2	3.1	7	5.6	9	6.6	COCONINO	AZ	84	18	116	88	74
4	4.4	5	5.1	11	7.3	GILA	AZ	16	45	68	81	81
		3	4.9	4	4.7	GRAHAM	AZ		-4			39
2	2.0	3	6.7	1	2.6	GREENLEE	AZ	234	-62	28	68	13
105	5.1	203	5.7	348	5.6	MARICOPA	AZ	11	-2	9	59	58
		5	7.3	8	4.4	MOHAVE	AZ		-40			33
2	3.9	4	4.2	7	6.9	NAVAJO	AZ	8	67	80	84	78
39	4.7	90	6.1	118	5.4	PIMA	AZ	30	-11	15	62	54
7	3.4	8	3.5	16	5.6	PINAL	AZ	4	59	65	81	59
		4	6.0	1	1.2	SANTA CRUZ	AZ		-80			07
8	5.6	6	3.8	16	4.8	YAVAPAI	AZ	-32	27	-14	40	41
9	5.7	12	6.2	11	3.6	YUMA	AZ	8	-42	-38	21	22
387	5.4	486	5.7	600	5.4	ARKANSAS	AR	6	-5	0		
3	4.2	7	7.7	4	2.8	ARKANSAS	AR	84	-63	-33	24	15
7	9.3	2	2.3	5	4.8	ASHLEY	AR	-75	106	-49	13	40
3	7.1	3	3.4	16	8.4	BAXTER	AR	-52	148	19	64	88
12	6.0	27*	10.2	25	5.8	BENTON	AR	70	-43	-3	50	62
2	1.9	6	4.9	8	4.2	BOONE	AR	151	-13	119	89	31
3	5.2	5	8.8	5	5.6	BRADLEY	AR	69	-36	7	57	57

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
1	4.3	2	10.0			CALHOUN	AR	135				
4	4.5	4	3.7	8	6.3	CARROLL	AR	-17	70	41	73	70
1	2.1	3	6.9	5	10.2	CHICOT	AR	226	48	383	98	94
6	7.2	8	9.4	3	1.9	CLARK	AR	31	-80	-73	03	10
7	5.5	8	6.0	16*	10.6	CLAY	AR	9	78	94	86	95
2	4.3	1	1.4	3	5.7	CLEBURNE	AR	-67	302	32	70	61
1	2.8	1	2.6	3	6.3	CLEVELAND	AR	-7	145	128	90	71
3	3.2	4	3.4	6	6.2	COLUMBIA	AR	7	81	95	86	69
2	2.6	5	6.8	8	8.0	CONWAY	AR	159	17	202	95	85
8	4.1	14	5.8	18	4.9	CRAIGHEAD	AR	40	-15	19	64	44
5	5.0	7	5.1	13	7.4	CRAWFORD	AR	2	46	49	76	81
2	3.7	10*	10.9	9	6.9	CRITTENDEN	AR	198	-37	88	86	77
3	4.0	3	4.0	4	4.5	CROSS	AR	0	11	11	60	35
2	4.6	8*	21.2	2	3.0	DALLAS	AR	359	-86	-35	22	17
4	9.5	3	5.9	2	3.0	DESHA	AR	-38	-49	-68	04	17
4	7.5	2	2.8	4	4.7	DREW	AR	-63	69	-38	20	39
5	4.1	9	7.2	9	4.9	FAULKNER	AR	76	-32	20	65	44
3	5.1	5	8.4	3	3.8	FRANKLIN	AR	66	-54	-24	31	25
1	2.2	1	2.5	2	4.3	FULTON	AR	16	69	97	87	32
11	5.2	18	6.2	23	4.4	GARLAND	AR	20	-29	-15	39	34
2	4.2			3	5.9	GRANT	AR			40	73	63
7	5.4	6	4.2	7	4.0	GREENE	AR	-22	-4	-25	30	28
5	6.1	5	4.3	11*	9.7	HEMPSTEAD	AR	-29	124	59	79	93
3	3.0	1	.7	8	6.5	HOT SPRING	AR	-75	779	120	89	73
2	4.5	4	5.5	4	6.4	HOWARD	AR	22	17	42	74	72
3	2.6	9	6.2	6	3.5	INDEPENDENCE	AR	132	-43	31	70	21
2	4.3	2	3.5	7	8.4	IZARD	AR	-19	141	95	86	88
3	3.2	1	.9	6	5.0	JACKSON	AR	-71	429	56	78	44
15	8.0	14	6.0	14	4.9	JEFFERSON	AR	-25	-18	-38	20	43
4	4.8	4	4.7	7	7.3	JOHNSON	AR	-4	55	50	76	80
4	12.9	3	7.9			LAFAYETTE	AR	-38				
3	2.9	4	3.4	4	3.1	LAWRENCE	AR	17	-7	9	59	17
1	2.3	3	7.3	1	1.7	LEE	AR	220	-76	-25	31	09
2	4.3	2	6.3	4	8.0	LINCOLN	AR	46	26	85	85	85
1	2.6	6*	13.2	7*	12.0	LITTLE RIVER	AR	410	-9	364	98	96
7	7.1	8	7.0	5	2.6	LOGAN	AR	-2	-63	-63	06	13
5	5.5	8	7.3	7	4.2	LONOKE	AR	32	-42	-24	32	30
1	2.8	5	8.4	2	2.6	MADISON	AR	205	-69	-4	48	14
2	5.1	3	5.6	5	6.2	MARION	AR	11	9	21	65	69
3	2.7	21*	15.5	8	4.9	MILLER	AR	479	-68	84	85	44
13	5.7	17	7.7	21*	8.8	MISSISSIPPI	AR	35	14	54	77	90
4	7.8	2	3.6	5	7.9	MONROE	AR	-54	119	2	54	85
3	9.7	3	9.1	1	1.3	MONTGOMERY	AR	-7	-86	-87	00	07
2	3.7	4	5.7	5	9.0	NEVADA	AR	56	57	146	91	90
1	2.9	1	2.8	1	2.1	NEWTON	AR	-2	-25	-26	30	11
4	5.7	6	5.9	9	6.6	OUACHITA	AR	4	11	16	62	73
2	5.8	3	8.7	3	7.8	PERRY	AR	50	-10	35	71	85
6	6.9	4	4.8	6	4.6	PHILLIPS	AR	-31	-4	-33	24	37
2	4.1	1	1.4	1	1.3	PIKE	AR	-65	-9	-68	04	07
13*	9.9	10	7.5	8	5.2	POINSETT	AR	-25	-30	-47	14	49
1	1.3	2	1.9	2	1.9	POLK	AR	48	-4	43	74	10
2	1.8	5	4.1	11	6.4	POPE	AR	129	57	259	97	71
7*	15.8	1	2.8	3	5.2	PRAIRIE	AR	-82	85	-67	05	49
64*	7.7	54	5.0	66	4.9	PULASKI	AR	-36	-2	-37	21	43
6	8.6	1	1.7	7	6.8	RANDOLPH	AR	-80	296	-21	33	76
3	4.2	5	6.4	5	5.5	ST FRANCIS	AR	52	-14	30	69	57
5	3.5	3	1.8	8	3.6	SALINE	AR	-50	101	1	54	22
1	2.5	1	2.0	1	1.8	SCOTT	AR	-21	-10	-29	27	09
2	4.7	3	5.3	2	5.1	SEARCY	AR	15	-4	10	60	48
14	4.5	21	5.0	40	7.2	SEBASTIAN	AR	12	44	61	80	80
3	4.9	4	7.3	5	6.1	SEVIER	AR	48	-17	24	67	67
2	4.3	2	3.1	8	9.3	SHARP	AR	-27	199	117	89	91
2	5.7	3	7.5	1	2.3	STONE	AR	32	-70	-60	08	11
8	4.4	21*	10.9	11	4.5	UNION	AR	146	-59	2	54	36
2	4.0	5	11.5	5	8.3	VAN BUREN	AR	188	-28	106	88	87
19	7.1	14	4.4	22	4.6	WASHINGTON	AR	-38	4	-36	22	36
7	3.9	11	5.4	18	5.8	WHITE	AR	37	9	49	76	62
7*	15.6	1	2.3	1	3.4	WOODRUFF	AR	-85	47	-78	01	20
2	3.0	3	3.1	4	5.4	YELL	AR	2	76	80	84	55
3629*	5.9	4974	5.9	5714	5.4	CALIFORNIA	CA	-1	-8	-8		
230	6.0	262	5.7	275	5.4	ALAMEDA	CA	-5	-5	-10	44	55
				1*	53.6	ALPINE	CA					99
2	4.2	4	6.6	6	7.7	AMADOR	CA	57	16	82	85	84
23	6.0	40	7.0	27	3.5	BUTTE	CA	17	-50	-41	18	21
1	2.5	4	5.3	7	7.9	CALAVERAS	CA	114	50	221	95	85
3	5.2	8*	12.1	3	5.3	COLUSA	CA	130	-56	1	54	52
72	5.6	122	6.0	127	4.6	CONTRA COSTA	CA	8	-23	-17	38	38
3	10.3	2	3.2	5	5.9	DEL NORTE	CA	-69	86	-43	17	64
6	6.1	6	2.8	15	4.9	EL DORADO	CA	-55	79	-19	35	43
68	5.0	122	6.9	94	4.6	FRESNO	CA	37	-34	-10	44	36
3	4.1	8	8.2	8	6.7	GLENN	CA	100	-18	63	80	75
19	5.1	25	5.8	25	5.0	HUMBOLDT	CA	13	-15	-4	49	44
12	6.2	17	6.1	22	7.4	IMPERIAL	CA	-1	21	19	65	81
2	3.9	2	2.6	7	7.2	INYO	CA	-33	177	85	85	80
58	5.8	105*	8.6	81	5.2	KERN	CA	47	-40	-12	42	48
7	3.6	16	6.9	17	6.4	KINGS	CA	90	-7	77	84	71
7	9.4	3	2.3	9	4.2	LAKE	CA	-75	83	-55	10	31
2	2.1	2	3.6	4	4.2	LASSEN	CA	71	18	102	87	31
1543*	6.1	1786	5.6	1921	5.6	LOS ANGELES	CA	-9	0	-9	45	57
13	7.5	12	6.5	15	6.0	MADERA	CA	-14	-7	-20	35	66
26	4.8	37	4.5	70	6.4	MARIN	CA	-6	43	34	71	72
		3	8.6	5	8.1	MARIPOSA	CA		-6			86
14	6.4	16	6.4	22	6.3	MENDOCINO	CA	-1	-2	-2	50	70
21	7.3	20	5.1	21	4.2	MERCED	CA	-30	-18	-42	17	31
2	6.5	1	2.6	4	9.4	MODOC	CA	-60	266	45	75	92
		1	8.9			MONO	CA					
53*	9.2	56	6.5	54	4.8	MONTEREY	CA	-29	-27	-48	13	40
14	4.3	19	4.5	27	4.4	NAPA	CA	5	-3	2	54	34
5	3.8	10	5.7	16	6.0	NEVADA	CA	50	6	59	79	66

SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
124	6.2	301	6.5	413	5.2	ORANGE CA	4	-19	-15	38	50
10	3.7	25	7.3	23	4.3	PLACER CA	97	-41	17	63	32
1	2.0	6	12.8	4	5.2	PLUMAS CA	550	-60	162	93	48
64	5.6	113	5.6	164	5.1	RIVERSIDE CA	-1	-9	-10	44	47
91	5.7	169*	7.0	213*	6.7	SACRAMENTO CA	24	-4	19	64	75
4	5.4	10*	11.9	6	4.6	SAN BENITO CA	118	-61	-15	39	38
103	5.8	180	6.4	200	5.1	SAN BERNARDINO CA	11	-20	-11	42	48
197	5.8	286	5.3	402	5.1	SAN DIEGO CA	-8	-4	-12	42	48
269*	7.2	278*	7.1	243*	5.8	SAN FRANCISCO CA	-1	-17	-18	36	63
46	4.8	65	5.3	87	5.7	SAN JOAQUIN CA	11	7	18	64	59
15	5.2	20	3.6	38	4.8	SAN LUIS OBISPO CA	-31	32	-8	45	40
98	6.5	125	5.5	172	6.0	SAN MATEO CA	-14	8	-7	47	66
38	6.0	65	6.0	76	5.1	SANTA BARBARA CA	0	-14	-15	39	48
117	5.5	228	6.4	294	6.0	SANTA CLARA CA	16	-6	9	59	65
35	7.0	47	6.2	46	4.4	SANTA CRUZ CA	-11	-30	-38	20	33
14	6.7	23	7.5	24	5.0	SHASTA CA	11	-34	-26	30	44
1	8.3			2	20.8	SIERRA CA			151	92	99
10	6.8	9	5.9	12	6.1	SISKIYOU CA	-13	3	-10	43	67
16	3.6	26	4.7	42	5.7	SOLANO CA	50	21	58	79	60
34	5.1	66	6.4	73	5.1	SONOMA CA	25	-21	0	52	47
34	5.0	63	6.9	70	5.8	STANISLAUS CA	39	-16	17	63	62
10	7.7	13	7.1	11	5.0	SUTTER CA	-7	-30	-36	22	45
7	6.8	12	8.7	12	6.2	TEHAMA CA	27	-29	-10	44	69
		2	3.5	1	2.4	TRINITY CA		-33			12
27	4.3	46	5.5	60	5.7	TULARE CA	29	3	33	70	59
1	1.4	6	4.9	11	6.9	TUOLUMNE CA	244	42	390	98	77
37	5.6	59	4.9	97	5.0	VENTURA CA	-13	2	-11	42	45
11	5.3	15	4.5	18	4.2	YOLO CA	-16	-6	-22	33	30
6	5.2	7	4.6	12	6.4	YUBA CA	-12	40	23	66	71
413	5.6	571	5.9	638	5.3	COLORADO CO	6	-11	-6		
7	2.9	31	7.4	34	4.4	ADAMS CO	151	-40	50	76	34
		1	2.3	5	10.0	ALAMOSA CO		343			93
2	6.0	2	7.4	3	6.8	BACA CO	23	-7	14	62	76
		1	2.9	4	11.2	BENT CO		291			95
16	4.8	28	6.1	21	3.4	BOULDER CO	27	-45	-30	26	20
3	6.8	4	8.0	4	6.4	CHAFFEE CO	18	-20	-6	48	72
2	17.1			1	7.0	CHEYENNE CO			-59	08	78
2	12.3	3	19.6	1	4.6	CLEAR CREEK CO	59	-76	-63	07	37
3	6.7	1	3.5	3	6.7	CONEJOS CO	-47	90	1	53	75
1	7.5	1	6.6	1	6.3	COSTILLA CO	-12	-4	-16	38	71
4*	16.7	4*	18.2	3	11.3	CROWLEY CO	9	-38	-32	24	95
		1	20.1			CUSTER CO					
7	7.3	5	3.9	6	2.9	DELTA CO	-46	-25	-60	08	16
172	6.3	205	6.0	209	5.6	DENVER-ARAPAHOE# CO	-4	-7	-10	43	59
				1	14.8	DOLORES CO					98
		1	3.4	4	7.6	DOUGLAS CO		124			83
1	5.7	1	5.2	2	4.2	EAGLE CO	-7	-19	-25	30	31
2	8.4	2	8.9			ELBERT CO	6				
28	5.3	44	5.3	62	5.3	EL PASO CO	1	0	1	54	52
8	6.5	7	3.7	16	8.2	FREMONT CO	-44	124	26	68	87
3	4.9	8	11.0	9	9.6	GARFIELD CO	126	-13	97	87	92
2	9.1					GRAND CO					
		1	3.5			GUNNISON CO					
1	2.4	2	3.9	2	5.3	HUERFANO CO	65	35	123	89	51
		1	13.7	2*	29.9	JACKSON CO		119			99
18	5.2	32	4.5	69	5.6	JEFFERSON CO	-14	25	8	58	58
		4*	37.4			KIOWA CO					
4	10.7	1	2.7	3	6.0	KIT CARSON CO	-75	123	-44	16	66
1	5.6			2	5.4	LAKE CO			-3	49	54
2	2.5	3	2.9	4	3.6	LA PLATA CO	16	23	43	74	22
18	6.6	30	8.2	23	3.6	LARIMER CO	24	-56	-45	15	22
5	4.9	5	4.3	1	.6	LAS ANIMAS CO	-14	-85	-87	00	06
		2	5.0	3	4.1	LINCOLN CO		-18			28
6	7.2	9	9.1	6	5.4	LOGAN CO	27	-41	-25	31	54
10	4.2	11	3.7	22	6.0	MESA CO	-14	64	42	74	65
1*	47.4					MINERAL CO					
		4	10.0	2	4.3	MOFFAT CO		-57			33
2	3.9	2	4.1	6	9.3	MONTEZUMA CO	5	126	138	91	92
8	9.7	5	6.0	5	4.7	MONTROSE CO	-38	-23	-52	11	38
6	6.5	5	4.9	11	9.5	MORGAN CO	-25	94	46	75	92
5	3.6	8	6.6	8	5.2	OTERO CO	81	-21	42	74	49
		1	12.8			OURAY CO					
		2	8.3	4	14.3	PHILLIPS CO		72			98
2*	17.2	2	11.0			PITKIN CO	-36				
3	4.9	2	2.7	2	1.7	PROWERS CO	-44	-36	-65	05	09
26	5.0	42	7.0	29	4.5	PUEBLO CO	39	-36	-11	42	35
1	6.8	1	5.0	1	4.2	RIO BLANCO CO	-27	-16	-39	20	30
2	4.7	3	4.8	1	2.3	RIO GRANDE CO	2	-51	-50	12	11
1	2.8			2	4.9	ROUTT CO			77	84	43
1	5.2	1	3.4			SAGUACHE CO	-35				
1	17.4					SAN JUAN CO					
		1	14.0	2*	21.4	SAN MIGUEL CO		53			99
2	6.6	2	8.7	4*	18.9	SEDGWICK CO	32	117	188	94	99
		1	24.6			SUMMIT CO					
		1	5.7			TELLER CO					
1	2.2	3	6.9	2	5.0	WASHINGTON CO	215	-27	130	90	45
16	4.8	31	7.7	26	5.4	WELD CO	59	-30	12	61	54
7*	14.8	3	4.2	7	12.3	YUMA CO	-72	195	-16	38	96
670	5.9	793	5.5	967	5.5	CONNECTICUT CT	-6	-1	-7		
158	5.3	210	5.7	266	5.7	FAIRFIELD CT	7	0	7	57	60
188	6.4	207	5.5	256	5.5	HARTFORD CT	-14	0	-14	40	55
28	4.9	40	5.4	50	5.4	LITCHFIELD CT	9	0	9	59	53
21	5.2	31	5.3	49	6.9	MIDDLESEX CT	3	31	34	71	77
191	6.3	215	5.8	248	5.6	NEW HAVEN CT	-7	-4	-11	43	58
46	5.5	53	5.1	56	4.5	NEW LONDON CT	-6	-13	-18	36	35
8	2.5	18	4.7	17	3.7	TOLLAND CT	86	-21	48	75	24
30*	8.6	19	4.1	25	4.9	WINDHAM CT	-53	20	-43	16	42

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
92	5.7	133	6.2	162	6.0	DELAWARE DE	10	-4	6		
11	5.3	23	8.1	20	5.3	KENT DE	53	-35	0	52	51
68	6.1	86	5.7	115	6.3	NEW CASTLE DE	-6	10	3	55	71
13	4.2	24	6.8	27	5.3	SUSSEX DE	61	-21	27	68	52
167	6.6	124	5.9	130*	7.8	DIST. OF COLUMBIA DC	-11	32	18		
167	6.6	124	5.9	130*	7.8	WASHINGTON DC	-11	32	18	64	84
793	4.7	1529	5.1	2526	4.8	FLORIDA FL	9	-5	3		
5	2.6	12	4.7	22	5.6	ALACHUA FL	82	18	114	88	57
				4	7.3	BAKER FL					80
8	3.6	11	4.7	22	6.1	BAY FL	32	30	72	82	67
1	2.2	4	7.9	7	10.9	BRADFORD FL	256	38	390	98	95
11	2.9	32	5.4	62	5.5	BREVARD FL	89	2	92	86	56
38	3.5	139	5.1	333	5.7	BROWARD FL	45	11	62	80	59
3	8.8	3	9.7	3	4.6	CALHOUN FL	11	-53	-48	14	37
		6	4.3	17	3.7	CHARLOTTE FL		-14			24
		3	1.9	17	5.4	CITRUS FL		183			53
2	2.5	3	2.5	14	6.0	CLAY FL	1	140	143	91	66
		4	3.6	16	4.9	COLLIER FL		38			44
2	3.5	10*	11.8	4	3.4	COLUMBIA FL	239	-71	-2	51	20
176	5.5	297	5.2	465	5.3	DADE FL	-4	1	-3	49	52
4	6.5	3	4.7	1	.7	DE SOTO FL	-28	-84	-89	00	06
1	5.5	1	6.1	3	8.4	DIXIE FL	10	38	52	77	88
58	4.7	91	5.2	94	4.3	DUVAL FL	9	-17	-9	45	32
23	5.9	38	6.1	34	4.2	ESCAMBIA FL	2	-31	-29	27	31
		1	4.2	1	4.8	FLAGLER FL		16			41
1	4.3			2	5.8	FRANKLIN FL			36	72	62
4	4.8	4	5.2	3	2.0	GADSDEN FL	10	-62	-58	08	10
				3	12.3	GILCHRIST FL					96
				1	4.7	GLADES FL					40
1	2.6	4	10.8	2	5.9	GULF FL	315	-46	126	90	63
2	8.3	4*	16.0	1	2.7	HAMILTON FL	92	-83	-68	05	14
2	3.9			3	3.4	HARDEE FL			-15	39	20
		2	9.1	4	8.9	HENDRY FL		-2			90
		7	11.3	10	3.4	HERNANDO FL		-70			20
4	4.0	4	2.4	12	2.8	HIGHLANDS FL	-40	18	-30	26	15
72	5.3	99	4.8	146	4.9	HILLSBOROUGH FL	-8	2	-6	47	44
5	7.7	1	1.5	6	7.7	HOLMES FL	-81	430	0	53	84
1	1.6	8	4.0	15	4.0	INDIAN RIVER FL	147	0	148	91	27
4	3.5	8	6.3	4	2.5	JACKSON FL	83	-60	-27	29	13
2	8.2	1	4.4	1	6.0	JEFFERSON FL	-47	38	-26	30	66
		2	16.4			LAFAYETTE FL					
10	4.8	22	5.7	27	4.3	LAKE FL	19	-24	-10	44	33
12	7.2	23	5.1	49	3.9	LEE FL	-29	-24	-46	15	26
9	5.2	16	6.6	9	2.5	LEON FL	29	-63	-52	11	12
1	2.0	3	7.7	7	8.8	LEVY FL	275	13	330	98	90
		1	5.7			LIBERTY FL					
2	6.1	4	8.1	4	6.5	MADISON FL	32	-19	6	57	73
10	2.8	33	5.3	38	2.8	MANATEE FL	89	-47	1	53	15
8	5.1	12	4.7	15	2.7	MARION FL	-9	-43	-48	13	14
1	1.4	9	7.3	19	4.4	MARTIN FL	428	-40	215	95	33
7	6.7	10	5.6	9	2.8	MONROE FL	-16	-50	-58	09	15
2	3.0	7	12.3	6	5.8	NASSAU FL	308	-52	94	86	63
3	3.0	8	3.3	17	4.3	OKALOOSA FL	9	32	43	74	33
		1	3.0	4	5.6	OKEECHOBEE FL		88			57
47	5.6	79	5.7	117	5.7	ORANGE FL	2	0	2	54	60
3	3.3	11	5.2	18	7.5	OSCEOLA FL	56	43	123	89	82
35	4.1	88	5.2	145	4.1	PALM BEACH FL	26	-21	0	52	29
10	5.6	21	3.3	51	3.4	PASCO FL	-41	4	-38	20	21
88	4.7	169	4.5	309	4.8	PINELLAS FL	-4	7	3	55	42
29	4.5	53	5.3	91	5.7	POLK FL	18	8	28	69	61
2	1.8	9	6.7	5	2.9	PUTNAM FL	269	-57	58	79	16
2	1.6	10	6.5	12	4.5	ST JOHNS FL	299	-31	174	93	35
6	5.7	9	3.6	18	4.1	ST LUCIE FL	-37	13	-29	27	29
7	5.6	8	7.5	7	3.7	SANTA ROSA FL	34	-50	-33	23	24
19	6.5	38	4.2	81	5.1	SARASOTA FL	-35	19	-22	33	46
7	5.0	18	6.8	19	3.3	SEMINOLE FL	38	-51	-33	24	19
1	2.2			4	4.9	SUMTER FL			120	89	42
2	3.7	6	9.1	4	3.7	SUWANNEE FL	145	-59	-1	52	24
4	12.4	3	7.7	4	6.0	TAYLOR FL	-38	-21	-51	12	66
				2	8.2	UNION FL					87
32	5.7	48	4.3	85	4.6	VOLUSIA FL	-24	7	-18	36	38
				2	4.6	WAKULLA FL					36
2	2.7	4	6.3	9	7.9	WALTON FL	133	25	192	94	85
2	4.1	4	7.6	7	11.0	WASHINGTON FL	85	46	170	93	95
619	5.2	839	5.5	989	5.0	GEORGIA GA	5	-9	-4		
3	10.8	5	9.3	1	1.9	APPLING GA	-14	-80	-82	01	10
2	7.7	3	14.6	4*	18.0	ATKINSON GA	89	24	134	90	99
1	1.6	5*	14.2	1	1.7	BACON GA	788	-88	9	59	09
1	15.5			2	12.9	BAKER GA			-17	37	97
5	3.6	3	1.7	8	5.8	BALDWIN GA	-54	250	62	80	62
1	3.2			3	7.2	BANKS GA			122	89	80
1	1.4	3	4.0	4	4.3	BARROW GA	173	8	194	94	32
6	5.2	7	5.3	2	1.3	BARTOW GA	2	-75	-74	02	07
1	1.7	1	2.4	3	4.8	BEN HILL GA	41	100	182	94	40
		4	7.6	3	5.4	BERRIEN GA		-29			54
16	4.2	27	5.4	37	6.7	BIBB GA	30	24	61	79	75
2	7.6	4	11.6	4	7.8	BLECKLEY GA	54	-33	3	55	84
				5*	14.2	BRANTLEY GA					97
3	8.0	4	9.0	3	4.5	BROOKS GA	12	-50	-44	16	35
		2	23.1	1	10.2	BRYAN GA		-56			94
2	2.5	3	2.9	3	2.6	BULLOCH GA	17	-10	6	57	14
1	2.5	4	10.7	7*	11.9	BURKE GA	324	11	372	98	96
		2	4.5	1	2.3	BUTTS GA		-49			11

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WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

COUNTY AND STATE	1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
CALHOUN GA	3*	20.3									
CAMDEN GA			2	7.0	1	3.7		-47			24
CANDLER GA			2	11.7	1	2.0		-83			10
CARROLL GA	8	5.3	7	3.5	12	5.1	-33	44	-3	49	47
CATOOSA GA	3	3.7	6	5.1	3	2.1	39	-59	-43	16	10
CHARLTON GA			1	5.0							
CHATHAM GA	15	3.3	37	5.9	29	4.2	82	-29	30	69	31
CHATTOOGA GA	6	6.4	1	.9	3	2.9	-86	212	-55	10	15
CHEROKEE GA	1	1.0	9	6.6	10	5.4	557	-18	437	98	54
CLARKE GA	6	4.9	10	5.8	9	3.9	18	-33	-21	34	26
CLAYTON GA	4	2.7	14	6.6	18	4.3	140	-35	56	78	32
CLINCH GA			1	5.0	1	4.7		-5			40
COBB GA	11	3.6	37	7.0	45	5.0	97	-29	40	73	45
COFFEE GA	5	8.5	5	6.6	6	6.1	-22	-7	-28	28	68
COLQUITT GA	5	3.8	7	5.2	9	5.8	34	12	50	76	61
COLUMBIA GA			3	8.0	4	6.6		-17			74
COOK GA	1	2.6			4	8.4			222	96	88
COWETA GA	4	4.2	7	6.3	8	4.9	52	-22	19	64	44
CRAWFORD GA					1	4.2					30
CRISP GA	2	3.4	1	1.9	5	5.6	-44	196	65	81	59
DADE GA	3	7.0	1	3.0	6*	11.1	-57	274	60	79	95
DAWSON GA	3*	16.4									
DECATUR GA	1	1.2	4	5.1	1	.8	327	-84	-31	25	06
DE KALB GA	41	5.3	78	6.1	77	4.5	14	-25	-15	39	36
DODGE GA	6	11.3	4	6.5	6	6.7	-43	3	-41	18	74
DOOLY GA	3	9.3			5*	17.4			88	85	99
DOUGHERTY GA	8	7.5	11	4.8	12	4.8	-36	1	-36	22	41
DOUGLAS GA	2	3.0	4	3.7	6	4.3	26	14	44	75	32
EARLY GA			2	3.8	2	3.0		-21			17
EFFINGHAM GA	2	7.7	1	2.7	3	4.6	-65	68	-41	18	37
ELBERT GA	5	8.2	2	2.4	1	1.4	-71	-43	-83	00	08
EMANUEL GA	1	1.8	4	6.5	1	1.0	262	-85	-46	15	06
EVANS GA			4*	16.5	2	4.8		-71			40
FANNIN GA	3	4.3	3	4.0	5	6.0	-8	50	39	73	66
FAYETTE GA	2	7.2	2	5.1	4	5.9	-29	16	-17	37	65
FLOYD GA	14	5.7	17	5.2	21	5.3	-8	2	-6	47	52
FORSYTH GA			6	9.0	11*	10.6		18			94
FRANKLIN GA	3	4.8	5	7.0	1	.9	45	-86	-80	01	06
FULTON GA	105	6.1	117	5.8	131	6.2	-6	7	1	53	69
GILMER GA	2	3.5	7*	14.7	4	6.9	317	-53	97	87	77
GLASCOCK GA	2	18.0	1	12.2			-33				
GLYNN GA	8	8.4	11	7.2	13	6.1	-14	-15	-27	28	67
GORDON GA	5	6.4	6	5.9	14*	10.0	-9	71	56	78	93
GRADY GA	3	5.1	3	4.2	4	3.6	-17	-14	-29	27	23
GREENE GA	1	2.9	3	6.6	2	3.8	130	-43	32	70	25
GWINNETT GA	7	4.9	12	5.4	23	4.8	8	-10	-3	50	41
HABERSHAM GA	3	3.6	2	2.1	5	4.2	-41	99	18	64	31
HALL GA	11	5.8	11	4.6	9	2.5	-20	-45	-56	10	13
HANCOCK GA	1	3.6	1	5.2	1	3.2	42	-37	-11	42	18
HARALSON GA	2	2.3	3	4.1	6	5.9	76	45	155	92	63
HARRIS GA	3	10.6	2	6.9	3	4.9	-36	-28	-54	11	43
HART GA	7*	13.5	5	7.8	5	5.8	-42	-25	-57	09	62
HEARD GA	1	3.7	2	6.8			83				
HENRY GA	3	6.7	3	4.8	6	5.6	-29	16	-17	37	58
HOUSTON GA	4	5.0	6	4.4	5	2.0	-12	-55	-60	08	10
IRWIN GA			1	2.6	1	2.5		-4			12
JACKSON GA	5	6.6	5	5.3	11	9.1	-19	71	38	72	91
JASPER GA	2	6.9	2	23.8	2	8.3	246	-65	20	65	87
JEFF DAVIS GA	2	7.4	2	9.0	2	5.5	22	-38	-25	31	57
JEFFERSON GA	6*	14.3	1	1.9	2	5.0	-87	168	-65	05	45
JENKINS GA			3	12.1	4*	14.8		22			98
JOHNSON GA	2	6.7	2	5.8	2	3.6	-15	-38	-47	14	22
JONES GA			3	10.5							
LAMAR GA	1	2.9	2	5.9			101				
LANIER GA	1	4.6	1	5.8	1	4.2	26	-28	-10	44	30
LAURENS GA	3	3.4	5	4.3	8	5.7	29	31	69	82	60
LEE GA			1	7.9	1	1.4		-82			08
LIBERTY GA	1	3.1			3	11.9			285	97	96
LINCOLN GA	5*	28.7	1	5.1	2	9.4	-82	84	-67	05	92
LONG GA			1	7.2	1	7.0		-3			78
LOWNDES GA	4	3.9	6	4.2	9	4.1	8	-3	4	55	29
LUMPKIN GA	3	11.8			3	5.0			-57	09	46
MC DUFFIE GA	1	3.2	4	9.5	5	7.4	197	-22	132	90	82
MC INTOSH GA			1	7.0	2	7.9		12			85
MACON GA	4*	15.1			1	2.4			-84	00	12
MADISON GA	2	4.7	5	9.2	4	5.4	95	-41	15	62	54
MARION GA	1	7.6	1	8.5	1	8.5	12	1	13	61	89
MERIWETHER GA	3	5.6	6	10.1	4	6.5	79	-35	16	62	73
MILLER GA	1	3.4	2	5.8	4	10.7	70	86	216	95	95
MITCHELL GA	1	1.8	2	3.5	3	4.1	99	16	130	90	28
MONROE GA	3	10.2	4	11.2	3	5.1	10	-54	-50	12	47
MONTGOMERY GA	2	9.9			1	2.9			-71	03	16
MORGAN GA			3	8.6	2	4.6		-47			36
MURRAY GA			2	3.9	2	3.5		-10			21
MUSCOGEE#GA	22	5.7	37	7.3	31	5.1	27	-30	-10	43	48
NEWTON GA	3	4.3	3	3.5	9	7.2	-19	106	68	82	80
OCONEE GA	2	7.6	2	6.3	2	4.6	-18	-26	-39	19	37
OGLETHORPE GA	3	11.1	3	10.0	3	8.6	-10	-14	-23	33	89
PAULDING GA	2	4.5	1	1.4	6	6.5	-69	373	45	75	73
PEACH GA	3	11.3	3	9.3	5	12.7	-18	37	13	61	97
PICKENS GA	3	6.8	3	6.2	6	9.3	-8	50	38	72	92
PIERCE GA	1	1.5	2	4.7	1	2.4	207	-49	56	78	12
PIKE GA			4*	18.3	1	2.4		-87			12
POLK GA	6	5.6	5	3.5	10	6.9	-36	94	23	66	77
PULASKI GA			1	3.5	2	5.5		59			56
PUTNAM GA	2	10.8			3	11.4			5	56	95
RABUN GA	1	3.0	4	9.3	3	4.9	205	-47	61	80	43
RANDOLPH GA	1	9.3	2	6.9	1	3.7	-26	-46	-60	08	24
RICHMOND GA	21	6.2	21	5.2	27	4.9	-16	-5	-20	34	44
ROCKDALE GA			3	6.5	5	4.5		-32			35
SCHLEY GA	1	8.9	1	12.5			40				

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
2	5.8	2	5.1	1	1.4	SCREVEN	GA	-12	-72	-75	02	08
2	7.2			2	6.2	SEMINOLE	GA			-15	39	68
10	8.3	7	4.7	12	6.7	SPALDING	GA	-44	43	-19	35	75
2	2.7	2	2.1	7	5.3	STEPHENS	GA	-23	155	97	87	51
1	7.3			1	7.2	STEWART	GA			-2	51	80
4	6.9	3	3.9	6	6.2	SUMTER	GA	-44	58	-11	43	69
		1	4.7			TALBOT	GA					
		1	6.2	1	34.1	TALIAFERRO	GA		446			99
3	5.5	2	3.1	2	2.3	TATTNALL	GA	-44	-24	-58	09	11
		3	9.1	2	5.5	TAYLOR	GA		-39			57
3	7.0	2	4.1	2	3.2	TELFAIR	GA	-42	-23	-55	10	18
		1	1.9	2	3.4	TERRELL	GA		80			20
5	5.0	5	3.8	8	4.9	THOMAS	GA	-23	28	-1	51	43
6	8.8	7	8.7	5	4.7	TIFT	GA	-1	-46	-47	14	39
2	3.5	6	8.0	5	5.5	TOOMBS	GA	129	-30	59	79	57
		1	3.7	2	7.6	TOWNS	GA		103			83
2	9.9	1	4.2			TREUTLEN	GA	-58				
12	7.5	8	4.4	9	4.4	TROUP	GA	-41	-1	-42	18	34
1	4.0			2	3.9	TURNER	GA			-2	50	27
				1	3.3	TWIGGS	GA					19
7	9.1	8	8.5	7	5.7	UPSON	GA	-6	-33	-37	21	60
11	7.2	8	3.6	16	5.8	WALKER	GA	-50	63	-19	35	63
5	5.9	3	3.3	3	2.9	WALTON	GA	-44	-10	-50	13	16
6	5.7	5	4.3	4	2.8	WARE	GA	-24	-36	-52	11	14
1	5.5			1	4.7	WARREN	GA			-16	38	38
3	5.4	3	4.9	3	3.7	WASHINGTON	GA	-8	-24	-30	26	24
1	1.4	5	7.5	2	2.9	WAYNE	GA	426	-62	100	87	15
				2*	27.8	WEBSTER	GA					99
1	3.9			4*	14.3	WHEELER	GA			265	97	98
		1	2.5	1	1.5	WHITE	GA		-40			08
19*	13.4	13	6.5	12	4.3	WHITFIELD	GA	-52	-34	-68	04	32
2	6.4	1	3.7	1	4.4	WILCOX	GA	-43	19	-32	25	34
		1	3.3	4	7.8	WILKES	GA		138			84
		3	9.8	2	7.0	WILKINSON	GA		-28			78
		5	11.1	2	3.4	WORTH	GA		-69			20
		34	5.1	55	5.6	HAWAII	HI		9			
		3	5.8	6	5.7	HAWAII	HI		-1			60
		29	5.2	45	5.7	HONOLULU	HI		10			61
		1	7.0	1	2.3	KAUAI	HI		-67			12
		1	2.6	3	4.2	MAUI#	HI		60			31
161	5.8	207	6.2	218	5.2	IDAHO	ID	7	-16	-11		
22	5.4	28	5.4	51	7.2	ADA	ID	0	33	34	71	80
1	5.2	3*	23.8			ADAMS	ID	360				
13	7.3	9	4.3	18	7.0	BANNOCK	ID	-42	63	-5	48	78
1	4.3					BEAR LAKE	ID					
		4	14.1			BENEWAH	ID					
4	6.1	5	4.1	9	6.1	BINGHAM	ID	-33	48	-1	51	67
1	5.5	3	14.5			BLAINE	ID	166				
6	8.2	3	3.3	4	4.1	BONNER	ID	-59	24	-50	13	29
9	5.7	12	5.9	17	7.0	BONNEVILLE	ID	3	19	22	66	78
4*	13.3			2	5.7	BOUNDARY	ID			-57	09	60
		2	24.4	1	8.4	BUTTE	ID		-66			88
		1*	22.5			CAMAS	ID					
18	6.5	22	6.5	15	3.2	CANYON	ID	0	-50	-50	12	18
1	5.4	1	3.4	2	5.0	CARIBOU	ID	-37	46	-8	46	44
5	7.9	8	10.3	4	4.4	CASSIA	ID	30	-57	-45	15	33
1*	24.6			1*	21.5	CLARK	ID			-12	41	99
1	2.4	2	5.4	4	11.0	CLEARWATER	ID	131	103	368	98	95
		1	6.6			CUSTER	ID					
1	3.5	2	2.7	4	4.6	ELMORE	ID	-24	73	32	70	38
2	5.0	1	2.2	1	2.1	FRANKLIN	ID	-56	-6	-59	08	10
1	3.4	3	7.4	6*	11.9	FREMONT	ID	116	61	248	96	96
6*	13.2	3	5.3	2	2.6	GEM	ID	-60	-51	-80	01	13
2	4.9	2	4.1	1	1.3	GOODING	ID	-16	-67	-73	03	07
3	6.7	4	6.9	3	4.1	IDAHO	ID	3	-41	-39	19	28
2	4.3	5	11.3	2	3.6	JEFFERSON	ID	165	-68	-15	39	23
2	3.6	4	6.6	4	6.3	JEROME	ID	83	-5	75	83	71
8	6.3	10	5.4	16	5.9	KOOTENAI	ID	-15	9	-7	46	63
5	5.1	7	6.8	7	5.4	LATAH	ID	33	-20	6	57	54
1	2.5	5*	16.9	2	6.3	LEMHI	ID	574	-63	151	92	71
		1	5.1	1	2.8	LEWIS	ID		-44			15
1	3.3			1	5.2	LINCOLN	ID			57	78	48
3	10.6	1	1.1	1	1.7	MADISON	ID	-89	54	-64	00	09
3	5.8	5	6.8	2	3.6	MINIDOKA	ID	17	-47	-39	20	22
8	6.6	9	6.0	7	3.3	NEZ PERCE	ID	-10	-45	-51	12	19
2	11.5			1	2.9	ONEIDA	ID			-75	02	16
1	10.6	4	14.4			OWYHEE	ID	35				
3	4.7	5	6.1	8	9.5	PAYETTE	ID	28	56	100	87	92
2	9.7	3	13.5	2	8.5	POWER	ID	40	-37	-12	41	88
2	2.0	6	7.5	4	4.3	SHOSHONE	ID	272	-43	113	88	33
		1	10.1	2	15.7	TETON	ID		55			98
14	6.8	17	6.8	10	3.3	TWIN FALLS	ID	-1	-51	-52	11	19
1	5.6	1	7.9	2	14.7	VALLEY	ID	40	87	160	92	98
1	2.4	4	8.3	1	1.5	WASHINGTON	ID	242	-82	-39	19	08
2595	5.8	3093	6.0	3334*	5.7	ILLINOIS	IL	3	-5	-2		
16	3.7	31	6.4	32	5.5	ADAMS	IL	74	-14	50	76	57
5	6.7	6	9.9	4	9.1	ALEXANDER	IL	49	-8	37	72	91
5	4.9	8	8.1	11*	9.2	BOND	IL	65	13	87	85	91
11*	10.8	3	2.6	7	4.1	BOONE	IL	-76	58	-62	07	28
1	1.8	2	3.0	6*	10.6	BROWN	IL	69	252	494	99	94
14	6.4	17	6.3	24*	8.6	BUREAU	IL	-1	36	35	71	89
5*	14.9	1	3.4	3	8.2	CALHOUN	IL	-77	144	-45	15	87
6	5.2	6	5.4	13*	8.8	CARROLL	IL	5	62	69	82	89
6	7.2	12*	11.7	7	4.2	CASS	IL	64	-65	-42	17	30
35	7.2	38	6.7	33	5.3	CHAMPAIGN	IL	-7	-21	-27	29	51

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
21*	10.0	12	5.3	17	5.6	CHRISTIAN	IL	-47	6	-44	16	58
4	3.7	5	5.6	7	5.2	CLARK	IL	52	-8	40	73	49
4	3.7	7	6.8	7	6.5	CLAY	IL	86	-5	76	84	72
2	1.7	6	4.0	10	5.2	CLINTON	IL	136	32	212	95	50
10	4.1	12	4.6	26*	7.7	COLES	IL	13	67	89	86	83
1234	5.9	1399	5.9	1426*	5.8	COOK	IL	1	-3	-1	51	61
6	5.3	7	4.4	11	6.1	CRAWFORD	IL	-17	40	16	63	68
2	3.4	8*	10.8	4	5.1	CUMBERLAND	IL	218	-53	50	76	47
13	5.5	12	3.8	13	4.3	DE KALB	IL	-30	12	-22	33	32
2	1.9	8	8.5	5	3.7	DE WITT	IL	339	-57	88	86	23
6	6.0	9	7.3	6	4.0	DOUGLAS	IL	20	-45	-34	23	27
60	6.0	91	5.3	139	5.4	DU PAGE	IL	-11	2	-10	44	54
10	7.9	6	4.1	6	2.8	EDGAR	IL	-48	-31	-64	06	15
1	1.4	4	7.7	4	4.4	EDWARDS	IL	455	-43	215	95	34
6	4.8	13	9.2	6	4.0	EFFINGHAM	IL	89	-57	-18	36	27
9	6.7	11	9.7	9	5.3	FAYETTE	IL	46	-45	-20	34	51
7	7.4	2	1.4	4	3.7	FORD	IL	-81	155	-50	12	23
9	3.2	15	5.6	25	5.7	FRANKLIN	IL	74	1	76	83	59
13	5.4	22	7.8	23	6.4	FULTON	IL	44	-18	19	64	72
3	6.6			5	10.4	GALLATIN	IL			58	78	94
8	6.2	6	4.6	8	5.9	GREENE	IL	-26	28	-5	48	63
4	3.9	9	7.4	3	2.2	GRUNDY	IL	91	-71	-44	16	11
4	7.9	8*	11.6	3	4.2	HAMILTON	IL	47	-64	-46	15	31
14	8.3	13	8.1	12	4.9	HANCOCK	IL	-2	-40	-41	18	42
4	12.0	2	5.0	1	2.1	HARDIN	IL	-58	-57	-82	01	11
4	10.0	2	3.9	1	1.5	HENDERSON	IL	-61	-63	-85	00	08
16	5.9	16	5.2	16	4.2	HENRY	IL	-12	-19	-29	27	30
3	1.5	8	3.6	15	6.6	IROQUOIS	IL	148	83	353	98	74
7	3.8	9	3.8	13	4.9	JACKSON	IL	0	29	29	69	43
2	2.8	5	6.8	11*	14.3	JASPER	IL	139	112	407	98	98
16	8.9	15	6.4	13	5.5	JEFFERSON	IL	-29	-14	-38	20	56
7	9.1	2	2.1	5	4.9	JERSEY	IL	-77	136	-46	15	43
8	6.7	11	7.3	6	3.6	JO DAVIESS	IL	9	-51	-47	14	22
		4	9.4	4	5.4	JOHNSON	IL		-42			54
54	5.5	77	6.6	90	6.8	KANE	IL	21	3	24	67	76
23	5.5	21	4.7	30	6.0	KANKAKEE	IL	-15	27	8	58	65
8	12.0	5	6.2	6	4.5	KENDALL	IL	-48	-28	-63	06	35
28*	8.3	22	5.7	13	2.9	KNOX	IL	-32	-48	-65	05	16
72*	6.8	71	5.3	91	5.4	LAKE	IL	-23	2	-21	34	54
41	7.0	47	7.0	47	6.5	LA SALLE	IL	0	-7	-8	46	72
2	2.2	10	8.1	5	3.3	LAWRENCE	IL	268	-59	50	76	19
10	5.1	13	6.0	8	3.8	LEE	IL	17	-37	-26	30	25
11	5.3	19	7.9	16	4.6	LIVINGSTON	IL	50	-42	-12	41	37
10	5.8	11	5.2	19	7.8	LOGAN	IL	-11	52	34	71	84
10	5.8	10	5.8	15	6.6	MC DONOUGH	IL	1	13	14	62	73
18	5.5	35	7.1	34	5.1	MC HENRY	IL	30	-29	-7	46	47
14	3.2	37	7.0	32	5.2	MC LEAN	IL	120	-26	64	81	50
36	6.4	49	7.5	44	5.7	MACON	IL	16	-23	-11	42	60
23	8.7	23	7.4	25	6.2	MACOUPIN	IL	-16	-16	-29	27	69
46	5.0	69	5.8	73	5.3	MADISON	IL	16	-9	6	57	51
12	5.8	12	5.2	13	4.4	MARION	IL	-10	-15	-24	32	34
1	1.1	1	1.4	8	7.4	MARSHALL	IL	27	420	560	99	82
5	5.0	5	6.0	4	3.4	MASON	IL	19	-43	-32	24	20
6	7.7	10*	12.4	4	4.5	MASSAC	IL	61	-64	-41	18	36
5	9.4	3	3.9	3	4.7	MENARD	IL	-59	21	-50	12	39
7	7.6	9	7.5	11	8.9	MERCER	IL	-2	19	16	63	90
5	6.2	9	9.3	4	2.9	MONROE	IL	49	-68	-53	11	16
10	4.7	12	5.8	14	5.8	MONTGOMERY	IL	24	-1	23	66	61
7	3.7	8	3.8	15	5.5	MORGAN	IL	4	44	50	76	56
7	9.1	10	11.1	4	3.2	MOULTRIE	IL	22	-71	-65	05	18
9	5.0	7	3.0	12	3.8	OGLE	IL	-40	30	-22	33	26
46	5.1	66	6.0	71	5.7	PEORIA	IL	17	-5	11	60	59
9	7.9	4	3.1	8	5.1	PERRY	IL	-61	64	-35	22	47
5	6.5	4	4.6	4	4.3	PIATT	IL	-30	-5	-33	24	33
9	5.9	11	7.9	7	4.4	PIKE	IL	34	-44	-24	32	34
1	2.6	2	6.4	2	4.5	POPE	IL	143	-30	71	82	35
1	2.9	1	1.9	6*	16.8	PULASKI	IL	-35	799	487	99	99
1	3.9	1	3.2	1	2.6	PUTNAM	IL	-19	-20	-35	23	13
11	7.6	13	6.7	11	5.4	RANDOLPH	IL	-12	-19	-29	27	54
5	6.4	8	8.1	6	4.0	RICHLAND	IL	26	-50	-37	21	28
50	7.0	42	5.0	51	5.0	ROCK ISLAND	IL	-28	-1	-29	28	45
51	5.1	70	6.1	84	7.0	ST CLAIR	IL	21	15	39	73	78
11	5.9	13	7.5	20*	7.7	SALINE	IL	26	4	30	69	84
48	6.6	58	6.4	51	5.0	SANGAMON	IL	-3	-21	-23	32	46
1	1.5	4	7.5	3	5.2	SCHUYLER	IL	417	-31	256	97	48
2	4.7	2	3.6	5	11.4	SCOTT	IL	-24	221	143	91	95
6	3.8	12	6.6	6	3.0	SHELBY	IL	75	-54	-19	35	17
3	5.1	3	4.1	5	7.3	STARK	IL	-19	76	43	74	81
17	6.4	26*	8.9	22	6.8	STEPHENSON	IL	39	-23	7	57	76
23	5.9	24	4.9	41	6.3	TAZEWELL	IL	-16	28	7	57	71
7	6.3	7	6.7	10	6.0	UNION	IL	7	-11	-4	49	65
18	3.7	31	5.8	35	5.9	VERMILION	IL	59	2	62	80	64
6	7.3	6	6.8	6	5.6	WABASH	IL	-6	-18	-23	32	58
11	8.2	11	7.8	7	4.0	WARREN	IL	-5	-48	-51	12	28
5	5.2	10	8.9	5	4.6	WASHINGTON	IL	71	-49	-12	42	37
11	10.1	7	5.8	6	4.7	WAYNE	IL	-43	-18	-53	11	40
9	7.4	7	5.8	5	2.4	WHITE	IL	-22	-59	-68	04	12
12	4.3	14	4.1	18	4.7	WHITESIDE	IL	-5	13	8	58	39
41	5.8	51	5.2	68	5.6	WILL	IL	-10	9	-2	50	59
13	5.1	22	6.7	30*	7.7	WILLIAMSON	IL	30	16	51	76	84
45	5.2	64	5.9	84	6.4	WINNEBAGO	IL	13	8	22	66	71
14*	11.8	11	8.0	12	6.2	WOODFORD	IL	-33	-22	-48	14	69
1169	5.6	1524	6.1	1617*	5.6	INDIANA	IN	11	-9	0		
5	4.1	11	7.9	9	5.2	ADAMS	IN	90	-34	25	67	49
60	6.1	77	6.2	83	5.6	ALLEN	IN	1	-9	-8	45	59
6	3.0	17	6.8	19	6.2	BARTHOLOMEW	IN	128	-8	109	88	70
6	8.8	7	11.7	5	7.1	BENTON	IN	33	-39	-19	36	79
3	3.5	5	5.8	3	3.0	BLACKFORD	IN	67	-49	-15	39	16
4	2.6	10	5.5	12	5.6	BOONE	IN	111	2	114	88	58

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1.204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
		1	3.6	2	3.2	BROWN	IN		-10			18
9	9.2	6	5.3	6	4.9	CARROLL	IN	-43	-7	-47	14	43
11	5.1	17	6.6	10	3.6	CASS	IN	29	-44	-28	28	23
8	3.3	13	4.6	21	5.4	CLARK	IN	40	17	63	80	53
8	5.1	18*	11.4	10	4.9	CLAY	IN	123	-57	-4	49	43
11	6.1	13	6.4	10	4.1	CLINTON	IN	5	-37	-33	23	28
2	3.8	4	8.2	3	5.2	CRAWFORD	IN	118	-36	39	73	50
15*	10.1	13	7.9	14	7.9	DAVIESS	IN	-22	0	-22	33	85
7	5.0	13	7.9	12	6.7	DEARBORN	IN	58	-15	34	71	75
5	4.5	10	7.6	8	4.9	DECATUR	IN	70	-36	9	59	42
8	5.2	18*	10.8	19*	9.2	DE KALB	IN	109	-15	79	84	91
30	6.5	29	5.0	23	3.5	DELAWARE	IN	-23	-30	-47	14	21
9	6.3	6	3.9	9	4.6	DUBOIS	IN	-38	17	-27	28	37
24	4.9	31	5.2	31	4.5	ELKHART	IN	6	-14	-8	45	36
4	3.0	11	8.4	12	7.7	FAYETTE	IN	184	-9	159	92	83
11	4.1	19	6.4	24	7.1	FLOYD	IN	55	12	73	83	79
10	9.2	5	4.5	8	6.2	FOUNTAIN	IN	-51	38	-32	25	70
5	5.7	6	5.9	5	5.6	FRANKLIN	IN	3	-5	-2	51	58
6	5.7	5	5.1	4	3.2	FULTON	IN	-10	-37	-43	17	19
8	4.4	11	5.7	12	5.3	GIBSON	IN	31	-8	20	65	50
26	7.4	22	5.5	17	3.9	GRANT	IN	-26	-29	-47	14	26
9	6.2	11	6.1	14	6.5	GREENE	IN	-1	5	5	56	72
11	5.8	16	6.9	16	4.7	HAMILTON	IN	19	-32	-20	35	38
8	6.3	13	7.7	14	6.8	HANCOCK	IN	23	-13	8	58	75
9	9.7	5	5.1	8	6.8	HARRISON	IN	-48	34	-30	26	76
7	4.5	5	2.1	14	5.3	HENDRICKS	IN	-53	153	19	64	52
16	6.8	20	6.9	21	6.4	HENRY	IN	2	-8	-6	47	71
13	4.2	22	6.3	27	6.1	HOWARD	IN	48	-2	45	75	68
6	3.4	21*	9.6	27*	10.3	HUNTINGTON	IN	181	8	203	95	94
8	5.6	8	4.7	7	2.7	JACKSON	IN	-16	-43	-52	11	14
5	5.7	4	3.7	6	5.8	JASPER	IN	-35	59	3	55	62
4	3.1	10	7.1	12	8.0	JAY	IN	125	13	154	92	85
8	5.3	7	4.1	10	4.9	JEFFERSON	IN	-23	19	-8	45	43
		5	5.5	11*	9.3	JENNINGS	IN		69			92
7	3.4	18	6.1	22	6.5	JOHNSON	IN	80	6	91	86	72
13	5.3	24*	8.7	14	4.7	KNOX	IN	64	-46	-12	41	38
12	6.2	20	8.0	19	6.2	KOSCIUSKO	IN	30	-23	0	53	69
4	5.2	3	3.1	4	3.2	LAGRANGE	IN	-41	5	-38	20	18
81	5.2	109	5.9	102	5.1	LAKE	IN	14	-14	-2	50	46
17	4.2	35	7.3	41	7.2	LA PORTE	IN	75	-1	72	83	80
10	5.3	9	4.4	18	6.6	LAWRENCE	IN	-16	49	26	68	74
19	3.4	41	6.3	45	5.9	MADISON	IN	65	-6	75	63	64
157	5.8	193	5.8	195	5.2	MARION	IN	1	-11	-11	43	48
13	7.9	19*	10.0	4	1.5	MARSHALL	IN	27	-85	-81	01	08
2	3.0	2	4.1	4	6.2	MARTIN	IN	35	53	106	68	70
9	4.8	15	7.5	16	7.8	MIAMI	IN	57	4	63	80	84
18	7.8	21	7.6	28	7.4	MONROE	IN	-3	-3	-5	48	82
10	5.2	20*	10.6	10	3.6	MONTGOMERY	IN	102	-66	-32	25	22
5	3.6	11	5.6	14	5.5	MORGAN	IN	54	-2	51	76	56
3	5.2	3	4.3	4	5.0	NEWTON	IN	-18	17	-4	49	46
12	7.7	15	9.0	16	8.6	NOBLE	IN	17	-5	11	60	89
1	4.9			2	5.8	OHIO	IN			18	64	62
5	5.5	6	5.4	6	4.6	ORANGE	IN	-1	-15	-16	38	37
2	2.9			3	4.1	OWEN	IN			43	74	29
4	4.5	10	10.7	8	8.0	PARKE	IN	138	-25	77	84	85
5	5.6	5	4.7	6	4.9	PERRY	IN	-16	5	-12	42	44
3	4.3	3	3.4	1	1.7	PIKE	IN	-23	-49	-61	07	09
16	7.1	21	6.8	30	6.7	PORTER	IN	-4	-1	-6	47	74
11	10.5	5	4.6	8	5.0	POSEY	IN	-56	8	-53	11	45
3	4.7	3	3.9	7	8.0	PULASKI	IN	-17	106	70	82	85
10	8.3	7	4.7	3	1.3	PUTNAM	IN	-43	-72	-84	00	07
7	4.2	16	9.0	16	9.6	RANDOLPH	IN	114	7	128	90	92
7	6.5	9	7.3	13	9.8	RIPLEY	IN	12	34	50	76	93
7	6.3	7	5.5	6	4.1	RUSH	IN	-13	-25	-35	22	29
72	7.3	69	5.9	83	6.1	ST JOSEPH	IN	-19	4	-16	38	67
1	1.6	2	2.7	5	4.1	SCOTT	IN	72	52	161	93	29
14	8.6	13	6.0	13	5.7	SHELBY	IN	-30	-5	-33	23	60
5	5.3	7	6.9	9	9.1	SPENCER	IN	29	32	71	82	91
5	5.9	7	7.1	6	5.0	STARKE	IN	21	-29	-14	40	46
6	6.4	12*	11.4	7	5.6	STEUBEN	IN	80	-51	-13	41	57
8	5.0	9	5.7	10	5.9	SULLIVAN	IN	14	4	19	64	64
7*	15.9	3	6.4	4	8.9	SWITZERLAND	IN	-60	40	-44	16	90
11	3.1	23	5.2	36	7.0	TIPPECANOE	IN	64	35	122	89	78
4	4.4	10	9.8	6	5.6	TIPTON	IN	121	-43	26	68	57
3	9.2	5*	12.3	1	2.3	UNION	IN	34	-81	-75	02	11
40	4.8	56	6.0	62	5.7	VANDERBURGH	IN	25	-5	19	64	61
12*	10.9	5	5.7	7	5.3	VERMILLION	IN	-48	-7	-51	12	51
41	7.0	33	4.8	51	6.6	VIGO	IN	-31	36	-7	47	73
15	8.1	15	6.4	14	6.8	WABASH	IN	-21	5	-17	37	75
1	1.9	3	5.6	3	5.0	WARREN	IN	168	-10	159	92	45
7	5.7	6	4.6	3	1.5	WARRICK	IN	-20	-67	-73	03	08
6	6.4	7	6.8	10	7.1	WASHINGTON	IN	6	5	12	61	79
14	3.6	21	4.6	23	4.9	WAYNE	IN	26	7	34	71	42
6	5.3	8	6.4	6	4.0	WELLS	IN	20	-37	-25	31	28
4	3.8	9	7.6	11	7.5	WHITE	IN	102	-2	99	67	62
9	8.6	6	4.7	4	2.9	WHITLEY	IN	-45	-39	-66	05	15
904*	6.1	1072*	6.3	1078	5.5	IOWA	IA	3	-13	-10		
4	5.9	3	3.9	8	8.2	ADAIR	IA	-34	111	39	73	86
2	4.1	1	2.4	3	4.0	ADAMS	IA	-41	69	-1	52	28
5	5.8	6	5.7	8	5.6	ALLAMAKEE	IA	-1	-2	-3	49	58
11	8.1	5	3.1	10	8.0	APPANOOSE	IA	-61	154	-1	51	86
3	5.0	1	1.9	4	4.3	AUDUBON	IA	-62	127	-14	40	33
8	6.8	5	3.4	10	6.0	BENTON	IA	-50	75	-12	42	65
30	5.6	40	6.2	48	6.4	BLACK HAWK	IA	11	3	15	62	72
10	5.9	8	4.1	11	5.0	BOONE	IA	-31	23	-15	39	46
5	4.6	11	9.3	9	4.8	BREMER	IA	105	-49	5	56	41
7	6.2	11	8.2	6	3.3	BUCHANAN	IA	33	-59	-46	15	20
7	6.1	9	7.0	13	8.0	BUENA VISTA	IA	14	15	31	70	86
5	5.1	9	9.0	11	8.2	BUTLER	IA	77	-10	60	79	86

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

COUNTY AND STATE		1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
CALHOUN	IA	4	4.2	15*	13.6	5	4.0	222	-70	-4	48	28
CARROLL	IA	13*	10.7	7	4.4	4	2.4	-59	-46	-78	01	12
CASS	IA	3	2.9	4	3.7	13	6.8	29	82	134	91	76
CEDAR	IA	6	6.1	8	7.2	4	3.1	19	-57	-49	13	17
CERRO GORDO	IA	12	4.7	18	5.7	19	5.7	23	-1	22	66	60
CHEROKEE	IA	4	3.9	11	8.9	7	4.3	130	-52	9	59	32
CHICKASAW	IA	5	6.1	5	4.9	6	4.4	-19	-11	-28	28	33
CLARKE	IA	4	6.7	4	6.4	4	4.1	-4	-37	-39	19	28
CLAY	IA	4	4.1	7	6.5	6	4.9	60	-25	20	65	42
CLAYTON	IA	5	3.9	15*	10.7	10	5.8	172	-46	47	75	62
CLINTON	IA	18	6.4	16	5.0	19	5.5	-22	11	-14	40	56
CRAWFORD	IA	8	7.3	12*	9.5	7	4.6	31	-52	-37	21	38
DALLAS	IA	8	6.8	7	4.7	13	6.5	-31	38	-5	48	72
DAVIS	IA	10*	17.5	11*	14.2	4	6.5	-19	-54	-63	06	72
DECATUR	IA	6	7.1	5	5.7	6	7.1	-20	24	0	52	79
DELAWARE	IA	12*	11.6	8	8.0	9	8.8	-32	11	-24	32	90
DES MOINES	IA	21	8.0	22	7.6	20	5.8	-5	-23	-27	29	63
DICKINSON	IA	6	9.2	5	5.2	5	5.5	-43	4	-41	19	55
DUBUQUE	IA	27	6.6	39	8.0	35	5.9	22	-27	-11	43	64
EMMET	IA	3	4.0	6	7.0	4	4.2	74	-40	5	56	31
FAYETTE	IA	6	3.7	13	7.3	9	4.4	99	-40	19	64	33
FLOYD	IA	4	3.4	7	5.2	5	3.9	52	-25	14	62	26
FRANKLIN	IA	2	2.6	4	3.8	6	5.7	44	51	118	89	61
FREMONT	IA	2	3.1	5	5.9	6	8.1	92	38	166	93	86
GREENE	IA	2	2.2	4	4.8	5	7.7	113	60	241	96	83
GRUNDY	IA	5	6.3	2	2.3	9	8.4	-64	269	34	71	88
GUTHRIE	IA	5	5.2	5	5.1	7	3.7	-2	-27	-29	28	24
HAMILTON	IA	4	3.5	10	8.3	4	2.6	139	-69	-26	30	13
HANCOCK	IA	2	2.6	7	7.5	5	4.5	193	-40	76	83	35
HARDIN	IA	6	4.4	12	7.7	9	4.7	73	-39	6	56	39
HARRISON	IA	9	6.1	16*	13.5	8	4.7	66	-65	-42	18	40
HENRY	IA	7	5.5	8	5.4	9	5.9	-3	11	8	58	64
HOWARD	IA	4	5.2	6	8.2	2	2.2	58	-73	-58	09	11
HUMBOLDT	IA	2	2.6	5	6.0	3	2.5	131	-58	-3	50	13
IDA	IA	1	1.5	4	6.9	8*	11.8	373	71	709	99	96
IOWA	IA	5	5.4	4	3.7	8	7.8	-32	110	44	74	84
JACKSON	IA	8	7.6	8	5.8	7	4.8	-24	-18	-38	21	40
JASPER	IA	15	8.0	7	3.5	14	5.6	-56	61	-30	26	59
JEFFERSON	IA	8	7.9	8	7.6	6	5.6	-4	-26	-29	27	59
JOHNSON	IA	18	8.4	14	5.5	18	5.8	-35	6	-31	26	63
JONES	IA	4	3.6	3	2.6	10	7.4	-28	183	104	87	81
KEOKUK	IA	6	4.5	7	7.0	8	5.7	54	-19	26	68	59
KOSSUTH	IA	10	8.2	10	6.5	6	4.3	-20	-34	-47	14	32
LEE	IA	20	8.6	13	4.3	21	7.0	-50	61	-19	36	78
LINN	IA	48	7.5	45	5.6	53	5.5	-25	-2	-27	29	57
LOUISA	IA	2	3.5	1	1.5	4	5.3	-58	261	50	76	52
LUCAS	IA	1	2.0	2	1.7	5	3.9	-14	130	97	87	26
LYON	IA	4	5.8	5	6.5	7	9.2	13	41	59	79	91
MADISON	IA	9*	11.0	4	4.5	4	2.9	-59	-36	-74	03	15
MAHASKA	IA	12	8.0	14	8.0	10	5.7	0	-28	-28	28	61
MARION	IA	11	8.0	10	6.6	14	7.8	-17	18	-2	50	84
MARSHALL	IA	11	5.2	17	7.6	19	6.0	48	-21	16	63	66
MILLS	IA	5	6.9	6	9.2	4	5.6	34	-39	-19	36	58
MITCHELL	IA	4	4.6	7	8.8	5	4.2	90	-52	-9	44	31
MONONA	IA	5	6.1	6	5.9	6	4.9	-3	-17	-20	35	43
MONROE	IA	4	5.8	4	5.4	8	8.4	-7	55	45	75	88
MONTGOMERY	IA	8	7.6	3	2.9	3	3.2	-62	11	-58	09	18
MUSCATINE	IA	10	4.5	16	7.4	12	4.5	62	-39	-1	51	36
O'BRIEN	IA	8	7.5	8	7.5	4	2.8	0	-62	-62	07	15
OSCEOLA	IA	2	4.4	3	6.9			56				
PAGE	IA	13	9.7	8	4.5	8	4.2	-54	-5	-56	10	31
PALO ALTO	IA	6	7.7	3	2.9	1	.5	-62	-84	-94	00	06
PLYMOUTH	IA	4	3.6	7	4.5	12	7.5	24	67	108	88	82
POCAHONTAS	IA	6	7.6	8	9.3	8	8.9	22	-4	18	64	90
POLK	IA	84	6.6	91	6.1	91	5.4	-8	-12	-19	35	53
POTTAWATTAMIE	IA	30	7.6	35	7.6	19	3.8	0	-51	-51	12	25
POWESHIEK	IA	5	4.8	7	5.0	3	1.1	4	-77	-77	02	07
RINGGOLD	IA	5	10.9									
SAC	IA	3	3.0	10	8.7	8	4.6	193	-47	54	77	37
SCOTT	IA	38	6.5	48	7.1	35	4.6	9	-35	-29	27	37
SHELBY	IA	4	4.6	8	9.6	6	5.9	107	-38	28	69	65
SIOUX	IA	8	6.1	12	7.9	14	8.4	30	6	38	72	87
STORY	IA	7	3.1	20	7.3	16	4.8	139	-34	58	79	42
TAMA	IA	10	8.1	12	8.7	3	2.4	7	-72	-70	04	12
TAYLOR	IA	2	2.5	5	6.8	6	9.3	170	37	271	97	91
UNION	IA	3	2.9	7	7.6	10	10.2	166	34	257	97	94
VAN BUREN	IA	3	3.8	3	7.9	3	3.5	105	-56	-9	44	21
WAPELLO	IA	14	5.4	12	3.5	19	6.2	-35	77	15	62	70
WARREN	IA	7	6.5	7	5.2	12	7.1	-21	37	8	59	79
WASHINGTON	IA	9	8.4	7	5.7	5	3.1	-31	-47	-63	06	17
WAYNE	IA	1	1.7	4	3.3	1	1.2	91	-64	-30	26	07
WEBSTER	IA	12	4.5	29*	10.0	24	7.3	120	-27	61	80	81
WINNEBAGO	IA	6	8.7	8	8.5	5	4.6	-2	-46	-47	14	38
WINNESHIEK	IA	4	3.7	1	.5	8	6.0	-85	1018	63	80	66
WOODBURY	IA	33	5.8	40	6.3	60*	8.3	9	32	44	75	87
WORTH	IA	3	5.2	4	6.4	1	1.3	24	-80	-75	02	07
WRIGHT	IA	9	9.2	9	5.9	8	6.1	-36	4	-33	24	68
KANSAS	KS	658*	6.3	712	5.7	781	5.4	-8	-6	-14		
ALLEN	KS	6	6.1	9	6.4	5	2.9	5	-54	-52	11	16
ANDERSON	KS	5	6.7	5	6.5	4	3.6	-3	-44	-45	15	23
ATCHISON	KS	10	8.6	11	8.3	8	6.1	-3	-26	-28	28	68
BARBER	KS	2	4.4	3	5.5	6	6.9	25	26	57	78	77
BARTON	KS	8	5.5	10	5.9	7	3.8	7	-35	-31	26	25
BOURBON	KS	9	7.7	10	8.6	9	5.4	12	-37	-30	26	53
BROWN	KS	5	5.6	6	4.2	3	2.2	-24	-48	-61	07	11
BUTLER	KS	11	6.1	11	5.2	18	6.9	-16	34	13	61	77
CHASE	KS	3	10.6	2	4.6	4	9.4	-57	105	-12	41	92
CHAUTAUQUA	KS	3	5.7	1	2.2	4	6.5	-61	193	13	61	72
CHEROKEE	KS	10	7.5	11	7.3	10	4.9	-3	-33	-35	23	44

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
2	7.5	2	6.2	2	4.1	CHEYENNE	KS	-17	-33	-45	15	29
3	14.8			2	5.1	CLARK	KS			-65	05	48
3	4.3	7	7.8	7	6.8	CLAY	KS	79	-12	57	78	76
5	3.9	6	7.0	5	2.9	CLOUD	KS	81	-59	-26	30	16
3	6.9	5	7.7	2	1.8	COFFEY	KS	12	-76	-73	03	09
2	9.7	2	7.1	4*	16.0	COMANCHE	KS	-26	125	66	81	98
14	6.0	16	6.4	15	5.5	COWLEY	KS	7	-15	-9	45	56
14	5.4	10	3.4	17	4.9	CRAWFORD	KS	-37	43	-9	44	44
4	12.2			3	12.4	DECATUR	KS			2	54	96
10	8.0	6	2.5	12	7.6	DICKINSON	KS	-68	198	-6	48	83
1	1.7	5	8.5	3	5.8	DONIPHAN	KS	396	-32	239	96	62
9	5.1	14	6.7	13	5.8	DOUGLAS	KS	31	-12	15	62	63
3	8.2	4	12.3			EDWARDS	KS	49				
5	12.8	3	8.2	5	10.4	ELK	KS	-36	27	-18	36	94
7	8.6	9	9.5	10	8.1	ELLIS	KS	10	-15	-6	48	86
3	5.3	5	9.4	5	8.9	ELLSWORTH	KS	79	-5	69	82	90
6	8.5	4	4.7	5	5.4	FINNEY	KS	-45	16	-36	22	55
11*	10.6	5	3.8	15*	9.2	FORD	KS	-64	140	-13	41	91
6	4.8	7	6.4	10	5.6	FRANKLIN	KS	33	-12	17	63	58
2	1.8	8	8.4	6	6.1	GEARY	KS	367	-27	239	96	67
2	10.8	2	10.7	1	5.4	GOVE	KS	-1	-50	-50	12	54
1	3.7	4*	17.3			GRAHAM	KS	373				
		1	2.4	1	3.0	GRANT	KS		24			16
1	4.2	1	3.9	2	6.7	GRAY	KS	-8	75	61	79	75
3	4.3	4	4.1	1	.7	GREENWOOD	KS	-4	-83	-83	00	06
		2	13.4	3*	15.4	HAMILTON	KS		15			98
6	9.6	3	4.2	5	5.9	HARPER	KS	-56	40	-38	20	64
15*	11.2	8	4.0	13	8.0	HARVEY	KS	-64	99	-29	27	85
		1	6.5	3*	16.3	HASKELL	KS		151			98
1	4.5	1	5.7	2	12.7	HODGEMAN	KS	27	121	180	94	97
5	9.2	4	8.1	4	7.5	JACKSON	KS	-12	-7	-18	36	62
3	3.9	1	.8	7	8.7	JEFFERSON	KS	-80	1030	124	89	89
1	2.2	3	3.8	3	4.2	JEWELL	KS	71	11	89	86	30
29	7.9	35	4.4	59	5.1	JOHNSON	KS	-44	16	-35	22	47
4	7.2	6	9.1	3	6.2	KINGMAN	KS	27	-32	-13	40	69
2	7.5	2	5.2	2	8.8	KIOWA	KS	-31	70	17	63	90
10	6.0	17	9.1	5	3.8	LABETTE	KS	52	-59	-37	21	25
1	9.9	1	5.0	1	4.1	LANE	KS	-50	-17	-58	09	29
10	5.4	19	8.6	19	7.6	LEAVENWORTH	KS	58	-11	40	73	83
3	5.7	3	6.4	2	6.8	LINCOLN	KS	12	6	19	64	76
6	10.2	1	3.1	2	3.9	LINN	KS	-69	24	-62	07	26
		3	13.0	3	9.6	LOGAN	KS		-26			93
11	7.2	13	8.5	9	5.3	LYON	KS	19	-38	-27	29	51
8	5.9	8	5.0	14	7.2	MC PHERSON	KS	-14	42	22	66	80
4	3.9	7	8.4	7	5.3	MARION	KS	116	-37	36	72	52
7	6.4	11	8.9	8	6.1	MARSHALL	KS	39	-31	-4	49	68
3	10.8	2	5.3	2	5.4	MEADE	KS	-51	1	-51	12	53
7	5.9	7	4.0	7	4.7	MIAMI	KS	-32	17	-20	34	40
2	4.0	4	7.2	2	5.1	MITCHELL	KS	80	-29	28	69	47
13	4.8	20	7.5	18	5.1	MONTGOMERY	KS	57	-32	7	57	46
2	4.5	3	4.3	4	7.7	MORRIS	KS	-6	81	70	82	84
		1	6.0	2	13.5	MORTON	KS		124			97
5	6.3	6	7.5	6	5.4	NEMAHA	KS	18	-28	-15	38	53
10	7.6	10	9.0	8	5.5	NEOSHO	KS	20	-39	-28	28	55
1	2.6	3	10.2			NESS	KS	290				
2	4.1	2	5.3			NORTON	KS	29				
4	4.5	3	4.3	6	5.6	OSAGE	KS	-4	31	25	67	58
2	4.0	2	2.8	3	6.1	OSBORNE	KS	-30	116	51	76	67
3	4.7	6	11.5	1	1.0	OTTAWA	KS	143	-92	-80	01	06
4	4.9	3	3.7	3	3.3	PAWNEE	KS	-25	-9	-32	24	19
7*	11.4	2	4.3	5	6.9	PHILLIPS	KS	-62	59	-40	19	77
3	4.4	5	5.7	5	5.4	POTTAWATOMIE	KS	29	-5	22	66	53
5	6.9	6	8.6	5	5.1	PRATT	KS	25	-41	-26	30	46
1	2.6	3	11.1	2	5.1	RAWLINS	KS	318	-54	94	86	48
23	7.8	21	6.3	23	5.1	RENO	KS	-20	-18	-35	23	47
3	4.1	3	3.6	7	8.3	REPUBLIC	KS	-11	129	104	87	87
1	1.3	5	5.5	4	3.9	RICE	KS	319	-30	193	94	26
9	6.5	2	1.1	3	1.8	RILEY	KS	-83	60	-72	03	09
2	3.6	4	7.4	5	10.0	ROOKS	KS	107	34	177	94	93
4	12.0	3	6.6	5	10.3	RUSH	KS	-45	56	-15	39	94
4	6.9	5	7.6	2	2.0	RUSSELL	KS	11	-74	-71	03	10
11	5.5	16	6.0	13	4.7	SALINE	KS	9	-21	-15	39	39
4*	16.8	2	8.0	5*	17.6	SCOTT	KS	-52	121	5	56	99
80	6.5	90	5.7	92	5.0	SEDGWICK	KS	-12	-13	-23	32	45
		3	3.8	2	2.1	SEWARD	KS		-45			11
41	6.4	31	4.1	39	4.3	SHAWNEE	KS	-37	4	-34	23	32
4*	16.9	1	3.9	4*	14.5	SHERIDAN	KS	-77	271	-14	40	98
		2	4.8	5	10.1	SHERMAN	KS		111			94
2	2.8	3	5.3	4	4.1	SMITH	KS	89	-23	46	75	29
2	5.8	2	4.2	5	7.0	STAFFORD	KS	-28	67	20	65	78
1	14.9	1	11.7			STANTON	KS	-21				
3*	14.6	1	5.4	1	3.7	STEVENS	KS	-63	-30	-74	02	24
5	3.3	13	6.7	13	7.2	SUMNER	KS	105	6	118	89	80
2	4.8			2	3.4	THOMAS	KS			-30	26	20
		4	14.3	3	6.2	TREGO	KS		-57			69
		1	1.5	1	1.0	WABAUNSEE	KS		-29			07
		1	5.0	3*	24.9	WALLACE	KS		403			99
8	10.7	4	3.5	2	1.1	WASHINGTON	KS	-68	-69	-90	00	07
				1	7.5	WICHITA	KS					82
7	7.3	4	4.4	5	3.5	WILSON	KS	-39	-22	-52	11	21
4	7.4	4	6.9	5	7.0	WOODSON	KS	-7	1	-6	47	78
46	6.4	40	5.1	51	6.0	WYANDOTTE	KS	-19	17	-6	47	65
709	5.2	804	5.2	958	5.2	KENTUCKY	KY	0	-1	-1		
2	2.8	7	9.2	2	2.0	ADAIR	KY	232	-78	-27	29	10
6	8.2	7	9.0	3	3.7	ALLEN	KY	10	-59	-55	10	23
7*	14.9	3	5.9			ANDERSON	KY	-61				
3	5.8	2	3.4	7*	10.7	BALLARD	KY	-40	212	86	85	95
10	7.0	15*	10.1	7	4.0	BARREN	KY	44	-60	-43	17	27
3	6.2	3	6.1	3	4.7	BATH	KY	-3	-23	-25	31	39

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
7	3.8	7	4.1	8	4.4	BELL KY	8	7	16	63	34
3	3.5	6	5.5	5	2.9	BOONE KY	54	-47	-18	36	16
4	4.7	9	9.4	11*	10.1	BOURBON KY	100	8	116	88	94
19	8.4	17	6.1	15	5.0	BOYD KY	-27	-19	-41	18	44
4	4.4	6	5.3	8	6.6	BOYLE KY	22	23	50	76	73
2	4.5	1	2.4	1	2.8	BRACKEN KY	-46	15	-38	21	15
2	2.7	3	4.3	5	6.0	BREATHITT KY	64	37	125	90	65
2	3.0	5	6.0	7	6.7	BRECKINRIDGE KY	102	12	127	90	75
4	6.5	6	6.0	6	4.7	BULLITT KY	-7	-22	-27	29	40
2	3.9	2	4.3	5	6.2	BUTLER KY	12	44	61	80	69
		2	1.9	3	3.2	CALDWELL KY		68			18
10	9.1	8	5.3	16*	7.6	CALLOWAY KY	-42	44	-17	38	83
21	5.2	24	5.1	25	4.5	CAMPBELL KY	-2	-11	-12	41	36
3	9.6	2	7.9	1	1.8	CARLISLE KY	-18	-77	-81	01	09
5	10.8	3	6.6	7*	14.4	CARROLL KY	-39	120	33	71	98
4	3.4	5	4.7	8	7.7	CARTER KY	41	61	128	90	83
2	2.5	6	7.9	3	4.3	CASEY KY	217	-46	72	83	32
6	2.5	7	3.6	14	5.7	CHRISTIAN KY	44	58	127	90	61
3	3.5	6	5.2	3	2.3	CLARK KY	46	-55	-35	23	11
2	2.7	6	8.1	3	3.3	CLAY KY	197	-60	19	65	19
2	4.8	2	4.8	4	8.2	CLINTON KY	0	69	69	82	86
1	2.0	3	6.0	3	4.6	CRITTENDEN KY	204	-23	133	90	37
2	5.4	3	6.4	2	5.1	CUMBERLAND KY	20	-21	-6	48	46
19	6.2	21	5.7	29	6.1	DAVIESS KY	-8	7	-1	51	68
2	5.2	6*	14.4	1	2.0	EDMONSON KY	176	-86	-62	07	10
1	5.1	2	6.9	3*	32.9	ELLIOTT KY	35	379	545	99	99
2	3.6	3	4.5	4	4.0	ESTILL KY	24	-11	10	60	27
25	5.5	35	5.5	48	5.9	FAYETTE KY	1	6	8	58	63
2	3.7	1	1.1	1	.7	FLEMING KY	-71	-31	-80	01	06
4	2.7	7	3.7	9	4.2	FLOYD KY	37	15	58	78	31
5	3.8	7	4.1	8	4.2	FRANKLIN KY	7	2	9	59	30
6	10.9	5	7.5	6	10.5	FULTON KY	-31	41	-3	50	94
		3	11.0	3	12.4	GALLATIN KY		13			96
1	2.4	2	3.9	1	1.2	GARRARD KY	62	-68	-49	13	07
4	6.6	4	6.2	4	5.2	GRANT KY	-7	-16	-22	33	49
9	5.3	4	1.8	11	4.4	GRAVES KY	-66	142	-17	37	33
4	5.4	7	7.0	6	6.9	GRAYSON KY	29	-1	27	68	77
				2	2.9	GREEN KY					16
5	3.7	9	5.8	11	5.9	GREENUP KY	55	3	59	79	64
2	5.6	1	2.6	5*	13.6	HANCOCK KY	-54	422	142	91	97
9	5.9	12	5.6	11	4.5	HARDIN KY	-6	-20	-24	32	35
16	7.8	11	5.0	8	4.0	HARLAN KY	-36	-19	-48	13	28
3	4.0			7	6.0	HARRISON KY			47	75	65
5	7.0	4	5.8	4	5.2	HART KY	-18	-10	-26	30	49
10	6.4	8	4.7	15	6.9	HENDERSON KY	-25	44	8	58	77
4	5.9	2	3.5	3	4.1	HENRY KY	-41	18	-31	25	29
2	5.0	3	10.5			HICKMAN KY	110				
4	2.1	4	1.6	16	5.8	HOPKINS KY	-21	250	176	94	61
		3	6.0	3	4.9	JACKSON KY		-19			43
139	5.8	167	5.6	213	6.0	JEFFERSON KY	-2	7	4	55	65
2	3.8	3	4.6	3	3.2	JESSAMINE KY	22	-30	-14	40	18
7	7.5	4	3.9	2	2.2	JOHNSON KY	-48	-44	-71	03	11
39	6.5	30	4.5	32	4.0	KENTON KY	-30	-11	-38	20	28
2	1.5	3	3.6	3	3.6	KNOTT KY	130	1	132	90	22
4	3.0	3	2.5	4	2.5	KNOX KY	-14	-1	-15	39	13
2	3.5	1	1.8	5	8.7	LARUE KY	-47	377	153	92	89
6	6.5	9	6.6	10	5.7	LAUREL KY	1	-13	-12	41	60
2	3.0	4	5.6	2	3.8	LAWRENCE KY	88	-32	28	69	25
3	7.1	4	9.5	1	1.7	LEE KY	34	-83	-77	02	09
4	8.2	5	11.5	3	5.3	LESLIE KY	40	-54	-35	22	52
11	7.8	5	4.7	9	6.8	LETCHER KY	-40	44	-13	40	76
5	8.8	5	8.5	2	2.9	LEWIS KY	-3	-65	-66	05	16
4	5.4	4	4.9	3	3.4	LINCOLN KY	-9	-30	-37	21	20
2	4.7	3	6.4	1	1.7	LIVINGSTON KY	35	-73	-63	06	09
4	3.4	11	10.0	3	1.8	LOGAN KY	190	-82	-48	13	09
		1	2.5	2	4.3	LYON KY		76			33
13	5.2	15	4.9	21	5.8	MC CRACKEN KY	-5	18	12	61	62
3	3.4			4	5.3	MC CREARY KY			57	78	52
4	7.2	2	3.2	7*	9.2	MC LEAN KY	-56	190	28	69	91
4	2.9	5	3.2	12	5.6	MADISON KY	12	74	96	86	59
1	.9			2	3.2	MAGOFFIN KY			257	97	18
5	7.3	4	4.6	5	4.7	MARION KY	-37	2	-35	22	40
3	3.6	7	7.3	7	4.8	MARSHALL KY	89	-35	24	67	40
4	9.1	1	2.6	2	4.9	MARTIN KY	-72	89	-47	14	42
5	5.5	6	6.5	5	3.8	MASON KY	18	-42	-31	25	25
3	4.1	4	7.4	4	6.6	MEADE KY	81	-10	62	80	74
4*	20.5					MENIFEE KY					
5	6.1	4	5.2	7	6.4	MERCER KY	-15	23	5	56	71
2	3.9	3	6.2	1	1.4	METCALFE KY	60	-78	-65	05	08
5	7.9	4	6.2			MONROE KY	-21				
4	6.2	2	2.3	5	5.4	MONTGOMERY KY	-62	134	-11	42	55
6	8.7	1	1.7	1	1.4	MORGAN KY	-61	-17	-84	00	08
8	5.5	7	4.6	6	3.1	MUHLENBERG KY	-17	-33	-44	16	17
1	1.4	8	7.3	11	8.5	NELSON KY	419	16	502	99	88
1	2.1			3	5.5	NICHOLAS KY			163	93	56
6	5.3	6	4.7	10	7.0	OHIO KY	-11	48	31	70	78
1	1.7			4	4.3	OLDHAM KY			153	92	33
1	2.9	4	8.5	5	8.2	OWEN KY	193	-4	180	94	86
		4	14.8	4	13.9	OWSLEY KY		-6			97
3	4.8	5	9.2	4	5.8	PENDLETON KY	93	-38	20	65	61
5	4.0	12	9.1	8	5.5	PERRY KY	125	-39	37	72	56
15	4.0	23	7.3	14	4.4	PIKE KY	63	-41	9	59	33
4	10.8	1	2.9	2	4.0	POWELL KY	-73	40	-63	07	28
8	4.9	8	4.5	17	6.9	PULASKI KY	-8	54	42	74	77
				1	4.8	ROBERTSON KY					42
1	1.8	3	4.8	2	3.4	ROCKCASTLE KY	166	-29	88	86	20
3	5.8	2	3.4	3	3.3	ROWAN KY	-41	-4	-44	16	19
4	6.7	1	1.8	5	5.9	RUSSELL KY	-74	233	-12	42	63
7	9.6	1	1.1	6	7.0	SCOTT KY	-88	514	-28	28	78
4	4.6	6	6.7	2	1.4	SHELBY KY	45	-79	-69	04	08
4	7.4	1	1.9	5	6.8	SIMPSON KY	-75	262	-9	45	76

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WHITE FEMALE LEUKEMIAS ICD 202.4,203.1,204-208

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	8.9					SPENCER	KY					
6	9.2	3	3.3	3	2.5	TAYLOR	KY	-64	-25	-73	03	13
1	1.7	4	5.9	3	4.1	TODD	KY	243	-30	140	91	29
2	5.3	2	5.3	3	4.4	TRIGG	KY	-1	-16	-16	38	34
				2	5.8	TRIMBLE	KY					62
2	3.0	6	8.7	9*	10.0	UNION	KY	187	15	230	96	93
8	4.1	13	5.4	10	2.9	WARREN	KY	32	-47	-29	27	15
5	9.1	4	7.0	3	3.4	WASHINGTON	KY	-24	-51	-62	07	21
5	6.6	4	5.6	3	2.8	WAYNE	KY	-16	-49	-57	09	15
2	1.9	6	5.6	7	5.8	WEBSTER	KY	193	4	205	95	63
4	2.8	8	4.9	13	6.2	WHITLEY	KY	75	28	123	89	70
1	2.1			3	7.6	WOLFE	KY			257	97	83
3	6.8	2	3.3	2	2.8	WOODFORD	KY	-52	-16	-60	08	15
487	5.3	727	6.3	856*	5.8	LOUISIANA	LA	18	-7	10		
9	5.0	14	6.7	12	4.8	ACADIA	LA	34	-28	-3	50	41
3	4.8	7	9.5	3	2.9	ALLEN	LA	98	-70	-41	18	15
2	3.0	5	4.3	13	7.7	ASCENSION	LA	45	78	158	92	84
3	5.4	4	6.6	1	1.3	ASSUMPTION	LA	23	-80	-76	02	07
3	1.9	12	7.8	15	8.2	AVOYELLES	LA	303	5	323	98	87
1	1.2	8	8.6	5	4.6	BEAUPEGARD	LA	617	-47	280	97	36
6	10.2	4	5.5	5	6.5	BIENVILLE	LA	-46	18	-36	22	73
10	7.4	12	7.2	14	5.7	BOSSIER	LA	-2	-21	-22	33	60
21	3.4	62*	7.8	54	5.6	CADDO	LA	131	-28	67	81	59
15	5.1	21	4.3	31	5.3	CALCASIEU	LA	-15	22	4	55	51
3	8.5	3	6.8	2	3.0	CALDWELL	LA	-19	-56	-65	05	17
2	6.9	2	5.4			CAMERON	LA	-22				
1	2.3	3	7.9	4	8.2	CATAHOULA	LA	239	3	250	96	87
4	7.8	6	13.0	9*	8.8	CLAIBORNE	LA	66	-32	13	61	90
		3	5.7	6	9.6	CONCORDIA	LA		69			92
4	6.2	7	9.9	6	6.1	DE SOTO	LA	61	-39	-1	51	67
32	6.6	43	6.0	53	5.4	EAST BATON ROUGE	LA	-9	-10	-18	37	54
3	10.3	7*	25.7	3	11.6	EAST CARROLL	LA	149	-55	13	61	96
4	8.2	3	4.0	4	4.9	EAST FELICIANA	LA	-51	22	-41	19	42
6	6.5	8	6.2	15*	10.0	EVANGELINE	LA	-5	62	54	77	93
3	4.0	7	8.2	8	7.4	FRANKLIN	LA	107	-11	85	85	81
3	4.9	2	3.3	9*	10.4	GRANT	LA	-33	216	111	88	94
2	1.3	9	4.6	16	7.3	IBERIA	LA	267	58	480	99	81
5	7.6	7	8.2	6	6.8	IBERVILLE	LA	8	-17	-11	43	76
4	8.4	7	11.5	5	5.9	JACKSON	LA	37	-48	-29	27	65
22	3.9	49	5.8	79	5.4	JEFFERSON	LA	50	-7	39	73	54
6	5.7	10	8.0	10	7.3	JEFFERSON DAVIS	LA	41	-9	29	69	81
15	6.8	21	7.3	30	7.3	LAFAYETTE	LA	8	-1	7	58	81
6	3.1	16	6.7	16	5.3	LAFOURCHE	LA	114	-22	67	81	51
3	5.6	5	7.4	4	4.0	LA SALLE	LA	33	-46	-28	28	27
2	2.5	3	3.4	10	6.8	LINCOLN	LA	33	103	169	93	77
5	6.7	7	6.0	8	3.9	LIVINGSTON	LA	-10	-34	-41	18	27
1	5.0	2	6.9	2	5.3	MADISON	LA	38	-23	6	56	51
4	5.7	5	5.2	10	7.5	MOREHOUSE	LA	-9	45	31	70	82
3	3.0	10	9.1	10	6.8	NATCHITOCHES	LA	209	-26	129	90	75
128	6.2	137	6.2	131	5.8	ORLEANS	LA	0	-6	-6	48	62
16	5.7	23	6.4	25	5.3	OUACHITA	LA	14	-17	-6	47	52
		3	5.9	4	6.8	PLAQUEMINES	LA		14			76
4	7.9	3	4.8	3	4.1	POINTE COUPEE	LA	-39	-14	-47	14	29
22	6.8	38*	9.4	23	4.6	RAPIDES	LA	38	-52	-33	24	36
		1	3.0	5	9.3	RED RIVER	LA		216			92
2	3.5	3	4.4	8	9.8	RICHLAND	LA	26	125	183	94	93
5	6.7	7	7.5	12*	10.1	SABINE	LA	13	34	51	76	93
6	8.2	7	6.0	6	5.0	ST BERNARD	LA	-27	-16	-39	19	45
4	7.0	8*	12.7	5	4.9	ST CHARLES	LA	81	-62	-30	26	42
		1	4.5	3	10.8	ST HELENA	LA		141			95
2	5.3	4	8.6	2	3.6	ST JAMES	LA	62	-58	-32	25	22
1	3.0	2	4.9	3	5.2	ST JOHN THE BAPT	LA	64	7	75	83	49
8	4.2	9	3.8	19	6.9	ST LANDRY	LA	-10	83	64	81	77
3	4.1	7	8.3	6	5.3	ST MARTIN	LA	104	-36	30	69	51
5	4.9	8	4.4	10	5.3	ST MARY	LA	-9	20	9	59	52
4	3.1	7	3.8	12	3.8	ST TAMMANY	LA	25	-1	23	66	25
11	6.2	6	2.9	18	6.1	TANGIPAHOA	LA	-54	113	-2	51	68
2	10.2	1	4.8	2	8.1	TENSAS	LA	-53	69	-20	34	86
9	4.6	14	6.9	13	5.0	TERREBONNE	LA	52	-28	9	59	44
3	5.1	4	4.3	7	5.4	UNION	LA	-16	26	6	56	53
15*	10.7	10	5.6	11	4.5	VERMILION	LA	-48	-19	-58	09	36
3	3.8	3	3.2	8	5.7	VERNON	LA	-15	79	52	77	60
4	3.3	5	3.1	9	5.2	WASHINGTON	LA	-8	71	58	79	50
6	5.5	9	6.1	16	8.5	WEBSTER	LA	10	39	54	77	88
1	6.5	3	7.6	1	2.1	WEST BATON ROUGE	LA	17	-73	-68	04	10
5	5.1	2	3.4	7	9.1	WEST CARROLL	LA	-33	168	80	84	91
1	10.3	3*	24.6	1	9.7	WEST FELICIANA	LA	139	-61	-6	48	93
3	4.8	5	6.0	6	7.3	WINN	LA	26	22	54	77	81
252	5.0	283	5.0	285	4.2	MAINE	ME	0	-16	-17		
29	6.1	29	5.5	23	3.2	ANDROSCOGGIN	ME	-11	-42	-49	13	18
12	2.9	19	4.7	16	3.2	AROOSTOOK	ME	62	-31	12	60	19
56	5.5	58	5.1	69	5.2	CUMBERLAND	ME	-7	2	-5	48	50
3	2.8	6	4.5	3	1.8	FRANKLIN	ME	61	-59	-34	23	09
11	5.7	10	4.6	12	3.7	HANCOCK	ME	-20	-19	-35	22	23
22	4.7	26	4.6	41	6.7	KENNEBEC	ME	-3	44	41	73	74
10	4.8	11	4.4	7	2.5	KNOX	ME	-8	-44	-48	13	12
6	5.2	8	6.1	7	3.2	LINCOLN	ME	19	-48	-38	20	18
9	3.9	19	8.0	13	3.6	OXFORD	ME	105	-55	-7	46	22
34	5.9	32	4.8	27	3.5	PENOBSCOT	ME	-19	-27	-40	19	21
5	4.8	6	5.4	9	7.3	PISCATAQUIS	ME	13	34	52	76	81
7	6.1	6	4.4	7	5.4	SAGADAHOC	ME	-29	23	-12	42	54
13	6.4	10	4.7	7	2.6	SOMERSET	ME	-26	-45	-59	08	13
6	4.4	5	3.9	9	5.6	WALDO	ME	-11	45	28	69	59
1	.5	7	2.9	10	4.8	WASHINGTON	ME	526	68	955	99	42
28	5.2	31	5.1	25	3.1	YORK	ME	-2	-39	-40	19	17

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
588	5.3	802	5.6	931	5.3	MARYLAND MD	6	-6	0		
14	3.1	39	8.2	30	5.1	ALLEGANY MD	164	-38	65	81	47
26	4.8	41	4.6	68	5.6	ANNE ARUNDEL MD	-4	22	18	64	58
84	5.2	116	4.9	160	4.9	BALTIMORE MD	-5	-1	-5	48	42
2	4.8	1	1.4	7	7.8	CALVERT MD	-72	479	64	81	85
5	5.2	3	3.2	4	3.4	CAROLINE MD	-39	8	-34	23	20
5	1.8	10	3.2	31	6.8	CARROLL MD	81	113	285	97	76
12	5.7	13	6.0	9	3.5	CECIL MD	6	-41	-38	20	21
1	2.3	7	6.7	12	8.8	CHARLES MD	187	31	277	97	89
7	5.6	9	6.1	7	3.4	DORCHESTER MD	9	-43	-38	20	21
12	3.7	18	4.8	37	7.6	FREDERICK MD	29	59	105	87	83
3	3.5	5	4.6	8	5.7	GARRETT MD	34	24	65	81	60
14	6.1	19	5.9	25	5.4	HARFORD MD	-4	-8	-12	41	53
8	6.7	12	7.6	9	2.6	HOWARD MD	13	-66	-62	07	13
4	7.3	5	6.8	6	6.1	KENT MD	-7	-10	-16	38	68
77*	7.2	129	6.8	129	5.0	MONTGOMERY MD	-6	-26	-30	26	45
51	5.0	90	5.3	119	5.9	PRINCE GEORGE'S MD	5	11	16	63	63
2	3.1			8	7.8	QUEEN ANNE'S MD			154	92	84
6	5.0	7	5.3	6	4.0	ST MARY'S MD	5	-24	-20	34	28
8	9.6	4	5.2	3	3.4	SOMERSET MD	-46	-34	-64	05	20
2	1.9	7	5.9	8	6.2	TALBOT MD	202	6	219	95	69
29	6.7	28	5.3	39	5.9	WASHINGTON MD	-21	11	-13	41	63
5	2.4	11	4.5	18	6.2	WICOMICO MD	85	37	154	92	69
7	7.3	6	5.4	6	4.2	WORCESTER MD	-26	-22	-43	17	30
204	5.5	222	6.4	182	5.1	BALTIMORE CITY MD	17	-21	-7	47	48
1543	5.7	1764	5.6	1789	4.9	MASSACHUSETTS MA	-1	-12	-13		
17	4.6	36	7.1	42	4.4	BARNSTABLE MA	56	-38	-3	49	34
41	5.2	53	5.9	52	5.2	BERKSHIRE MA	12	-10	1	53	50
108	4.9	145	5.6	136	4.5	BRISTOL MA	15	-20	-9	45	35
		3	6.8	1	1.1	DUKES MA		-84			07
203	6.3	221	6.0	240	5.4	ESSEX MA	-5	-9	-14	40	55
19	6.2	16	4.6	15	3.2	FRANKLIN MA	-26	-30	-48	13	18
155*	7.3	155	6.2	139	4.7	HAMPDEN MA	-15	-23	-35	23	40
29	5.6	32	5.5	37	5.2	HAMPSHIRE MA	-2	-5	-7	47	50
324	5.0	427	5.7	403	4.8	MIDDLESEX MA	13	-16	-5	48	41
				7*	19.5	NANTUCKET MA					99
141	5.7	154	4.8	187	4.8	NORFOLK MA	-16	-1	-17	37	40
60	4.9	78	5.0	98	4.9	PLYMOUTH MA	0	-2	-1	51	42
291	6.7	255	5.8	209	5.5	SUFFOLK MA	-13	-6	-18	36	55
155	4.9	189	5.2	223	5.3	WORCESTER MA	7	1	8	58	50
1727	5.6	2100	5.7	2332	5.4	MICHIGAN MI	1	-4	-3		
4	11.8	3	6.3	2	3.9	ALCONA MI	-47	-37	-67	05	27
1	2.5	2	4.5	1	2.6	ALGER MI	79	-41	6	56	14
18	6.9	23	7.2	20	5.2	ALLEGAN MI	4	-28	-24	31	50
6	5.6	13	9.3	11	6.1	ALPENA MI	65	-35	8	58	67
6	11.3	4	6.3	4	4.9	ANTRIM MI	-44	-22	-57	10	43
2	4.3	3	4.7			ARENAC MI	10				
2	6.7	1	2.2	1	2.8	BARAGA MI	-67	22	-59	08	14
11	7.1	16	8.7	7	2.9	BARRY MI	22	-67	-60	08	15
20	4.2	32	5.9	22	3.5	BAY MI	40	-41	-17	37	21
		3	7.5	7	11.7	BENZIE MI		55			96
45	7.2	46	6.1	52	6.2	BERRIEN MI	-15	0	-14	39	68
15	8.7	15	7.2	12	4.9	BRANCH MI	-17	-32	-43	16	43
34	5.8	33	5.0	39	4.8	CALHOUN MI	-14	-4	-18	37	41
9	5.5	9	4.7	16	7.3	CASS MI	-14	55	33	71	81
4	5.3	2	2.0	10	9.0	CHARLEVOIX MI	-62	349	69	82	90
5	6.7	5	6.7	6	5.3	CHEBOYGAN MI	1	-21	-21	34	51
7	5.7	7	5.2	6	4.0	CHIPPEWA MI	-9	-24	-31	26	27
2	3.9	4	4.4	2	1.9	CLARE MI	12	-57	-51	12	10
9	6.2	12	5.6	10	4.3	CLINTON MI	-10	-23	-31	25	32
1	3.8			2	4.9	CRAWFORD MI			27	68	42
7	4.2	9	4.7	14	6.0	DELTA MI	11	29	44	74	66
10	7.3	7	4.7	8	5.5	DICKINSON MI	-35	17	-24	31	57
13	6.0	17	6.0	25	7.0	EATON MI	1	16	17	63	78
4	5.2	7	7.3	10	7.4	EMMET MI	42	1	43	74	81
92	7.3	116	7.4	108	5.9	GENESEE MI	1	-20	-19	36	64
2	3.9	3	4.7	6	6.7	GLADWIN MI	20	41	70	82	74
9	7.0	6	3.7	6	3.7	GOGEBIC MI	-46	-2	-47	14	23
11	6.3	5	2.2	7	2.8	GRAND TRAVERSE MI	-65	25	-56	10	14
9	4.8	11	5.6	12	5.5	GRATIOT MI	16	-1	15	62	56
11	5.6	11	5.4	20*	8.2	HILLSDALE MI	-3	51	47	75	86
10	5.3	5	2.2	7	2.9	HOUGHTON MI	-58	31	-45	15	16
3	1.9	10	5.5	18	7.4	HURON MI	198	34	298	97	81
34	3.9	53	5.0	60	5.1	INGHAM MI	29	0	29	69	46
13	6.2	10	4.5	17	6.4	IONIA MI	-28	43	4	55	72
9*	13.4	6	6.5	5	3.4	IOSCO MI	-52	-48	-75	02	20
1	1.2	8	6.8	6	4.4	IRON MI	463	-36	262	97	33
7	5.4	8	5.2	13	6.7	ISABELLA MI	-4	28	23	66	74
27	4.7	40	5.8	54	6.9	JACKSON MI	23	20	47	75	77
33	4.6	37	4.1	58	5.6	KALAMAZOO MI	-12	39	23	66	59
3	11.3			5	9.4	KALKASKA MI			-16	38	92
114*	6.9	113	5.8	134	5.6	KENT MI	-16	-4	-19	35	58
		2	7.1	4	11.0	LAKE MI		55			95
9	4.8	14	6.3	17	6.7	LAPEER MI	31	6	39	73	75
3	7.0	5	9.8	4	5.9	LEELANAU MI	40	-40	-15	39	64
22	6.2	19	4.4	21	4.2	LENAWEE MI	-29	-4	-32	24	30
10	6.4	15	6.9	13	3.7	LIVINGSTON MI	8	-46	-42	18	24
1	2.6			2	5.6	LUCE MI			119	89	58
5	11.4	1	1.8	1	1.6	MACKINAC MI	-85	-7	-86	00	09
53	4.5	122	6.4	127	4.5	MACOMB MI	44	-30	1	53	36
10	9.4	3	2.6	11	8.0	MANISTEE MI	-72	207	-15	38	85
20	7.9	13	4.5	15	4.4	MARQUETTE MI	-43	-3	-44	16	34
7	6.2	4	3.1	2	1.5	MASON MI	-50	-50	-75	02	08
5	5.0	4	3.7	5	2.7	MECOSTA MI	-26	-25	-45	15	14
5	3.9	3	2.0	7	4.2	MENOMINEE MI	-49	114	8	59	31

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE LEUKEMIAS ICD 202.4,203.1,204-208

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
11	8.2	15	5.3	14	4.3	MIDLAND MI	-35	-18	-47	14	33
2	5.6			4	7.8	MISSAUKEE MI			38	72	84
26	6.5	26	5.4	32	5.5	MONROE MI	-17	2	-15	39	57
7	4.0	11	4.9	18	7.2	MONTCALM MI	22	47	79	84	80
2	9.9	3	8.5	4	8.3	MONTMORENCY MI	-14	-3	-17	37	87
30	5.2	57*	8.3	48	6.1	MUSKEGON MI	58	-26	16	63	67
3	2.5	6	4.4	13	6.3	NEWAYGO MI	75	42	150	91	71
119	5.6	191	5.7	257	5.6	OAKLAND MI	0	-1	0	52	59
3	3.3	3	3.4	5	4.6	OCEANA MI	3	35	38	73	38
4	8.3	2	3.2	7	7.6	OGEMAW MI	-62	141	-9	45	83
1	1.4	4	8.0	1	1.6	ONTONAGON MI	465	-80	15	62	09
3	3.8	4	4.5	6	5.8	OSCEOLA MI	18	30	53	77	63
		2	5.7	2	6.9	OSCODA MI		20			77
1	2.7			5	8.1	OTSEGO MI			197	94	86
18	3.7	32	6.0	42	6.1	OTTAWA MI	62	1	63	80	67
3	5.3	1	1.8	4	6.1	PRESQUE ISLE MI	-67	248	16	63	68
3	8.0	3	5.6	6	6.0	ROSCOMMON MI	-29	6	-25	31	65
48	5.9	54	6.0	63	6.1	SAGINAW MI	1	2	3	55	68
21	4.5	36	6.2	41	5.9	ST CLAIR MI	38	-5	31	70	63
10	4.7	26*	10.3	12	3.9	ST JOSEPH MI	120	-63	-18	37	26
12	7.4	10	5.2	13	6.0	SANILAC MI	-30	15	-19	35	65
2	4.7	1	3.1	8*	14.3	SCHOOLCRAFT MI	-34	365	205	95	98
11	4.5	19	6.6	16	4.9	SHIAWASSEE MI	45	-26	8	58	42
15	7.2	13	5.4	13	5.0	TUSCOLA MI	-26	-6	-30	26	46
18	8.0	13	4.4	14	3.9	VAN BUREN MI	-45	-10	-50	12	27
42	6.5	42	5.3	55	5.8	WASHTENAW MI	-18	10	-10	44	62
536	5.4	598	5.6	566	5.4	WAYNE MI	3	-3	0	53	53
3	2.7	8	7.5	11	8.1	WEXFORD MI	176	8	197	94	86
1101*	6.8	1286*	6.6	1346*	5.6	MINNESOTA MN	-4	-14	-17		
3	4.6	5	7.2	5	5.1	AITKIN MN	56	-28	12	61	48
13	4.7	17	3.9	22	4.2	ANOKA MN	-17	8	-10	44	30
6	5.9	9	7.1	10	6.2	BECKER MN	19	-12	4	55	69
5	5.0	8	6.7	8	6.2	BELTRAMI MN	34	-7	24	67	69
4	5.4	1	1.4	9	6.8	BENTON MN	-75	401	25	68	76
7*	14.5	4	7.1	5	5.6	BIG STONE MN	-51	-21	-61	07	59
12	5.5	18	6.4	13	3.7	BLUE EARTH MN	17	-42	-32	24	24
5	3.1	11	6.8	15	8.0	BROWN MN	120	18	159	92	86
4	3.0	9	6.6	6	3.6	CARLTON MN	120	-45	21	66	22
8	8.1	7	5.6	6	3.2	CARVER MN	-31	-42	-60	08	18
7	7.6	3	3.2	5	3.6	CASS MN	-58	15	-52	11	22
8	9.7	10	11.0	12*	10.2	CHIPPEWA MN	13	-7	5	56	94
2	2.8	4	4.0	5	3.5	CHISAGO MN	43	-12	26	68	21
12	8.9	7	3.0	9	3.7	CLAY MN	-66	23	-58	09	24
2	4.5	3	5.8	3	5.6	CLEARWATER MN	29	-3	25	67	58
1	8.0	1	6.5	4*	16.6	COOK MN	-19	154	107	88	99
3	3.3	2	2.1	8	6.0	COTTONWOOD MN	-37	187	81	85	65
6	3.9	7	3.7	11	4.7	CROW WING MN	-6	27	20	65	39
20	7.6	24	5.1	43	6.7	DAKOTA MN	-33	30	-13	41	74
8*	11.3	2	2.8	6	7.3	DODGE MN	-76	163	-36	22	80
9	7.5	11	8.0	11	6.2	DOUGLAS MN	6	-22	-17	37	70
13*	9.5	6	3.9	8	3.9	FARIBAULT MN	-59	0	-59	08	27
10	8.0	13	8.9	7	5.0	FILLMORE MN	11	-43	-37	21	46
12	7.2	18	8.2	15	6.1	FREEBORN MN	14	-25	-14	40	68
11	6.8	13	6.4	8	3.1	GOODHUE MN	-5	-52	-54	10	17
1	2.0	6	10.3	5	7.5	GRANT MN	406	-28	265	97	82
274*	6.9	334*	6.9	317	5.5	HENNEPIN MN	-1	-20	-21	34	55
5	6.9	9	10.0	10	8.3	HOUSTON MN	45	-17	21	65	87
1	1.5	3	4.1	6	6.8	HUBBARD MN	174	65	352	98	76
5	7.2	4	4.5	8	6.9	ISANTI MN	-37	53	-4	49	78
8	4.7	5	2.7	9	3.9	ITASCA MN	-44	47	-18	36	26
8	9.9	9	8.7	7	6.4	JACKSON MN	-12	-26	-35	23	72
2	5.9	3	4.9	1	1.4	KANABEC MN	-17	-72	-76	02	08
9	6.1	6	3.3	11	5.5	KANDIYOHI MN	-46	66	-11	42	55
3	6.5	1	2.5	5	14.6	KITTSON MN	-62	489	124	89	98
2	2.3	5	6.9	4	4.2	KOOCHICHING MN	202	-39	85	85	31
4	4.9	2	2.3	8	8.5	LAC QUI PARLE MN	-53	269	73	83	88
1	1.7	2	3.3	6	8.6	LAKE MN	93	158	398	98	89
1	3.4			2	9.3	LAKE OF THE WOODS MN			171	93	92
7	7.4	6	4.7	12	7.8	LE SUEUR MN	-36	66	6	57	85
5	9.8	3	4.8	4	5.7	LINCOLN MN	-52	20	-42	17	60
6	5.3	11	8.0	10	4.9	LYON MN	51	-39	-8	46	43
9	7.1	14	10.0	14	6.3	MC LEOD MN	41	-37	-11	42	71
1	3.2	2	7.3			MAHNOMEN MN	129				
2	2.9	3	4.5	3	4.3	MARSHALL MN	58	-5	50	76	32
8	5.2	9	5.6	7	3.7	MARTIN MN	7	-34	-29	27	24
10	10.1	7	6.4	10	6.4	MEEKER MN	-37	0	-37	21	71
9*	12.3	3	3.4	13*	11.3	MILLE LACS MN	-72	229	-8	45	95
6	4.6	12	8.3	19*	10.8	MORRISON MN	83	29	137	91	95
14	6.8	14	5.5	15	5.4	MOWER MN	-19	-3	-21	34	54
8*	12.0	6	7.8	7	7.9	MURRAY MN	-35	2	-34	23	85
7	5.8	9	7.5	8	5.2	NICOLLET MN	29	-30	-10	43	50
9	8.1	9	7.4	7	4.2	NOBLES MN	-9	-43	-48	14	31
3	4.6	4	5.4	5	5.5	NORMAN MN	17	2	19	65	55
15	5.6	21	5.7	33	7.2	OLMSTED MN	3	25	29	69	80
15	5.4	20	6.2	19	5.0	OTTER TAIL MN	14	-19	-8	46	45
3	4.9	5	6.1	9	9.1	PENNINGTON MN	25	49	85	85	91
6	6.8	10	11.4	9	7.6	PINE MN	66	-33	11	60	83
6	10.0	11*	12.2	13*	10.2	PIPESTONE MN	22	-16	2	54	94
18*	10.2	21*	9.7	21*	8.3	POLK MN	-5	-15	-19	36	87
4	6.1	5	7.4	8	10.2	POPE MN	20	38	66	81	94
158*	7.8	175*	7.0	151	5.2	RAMSEY MN	-10	-26	-33	23	49
3	11.2	1	2.9	2	6.4	RED LAKE MN	-74	121	-43	17	72
8	7.2	8	6.0	10	6.6	REDWOOD MN	-17	11	-8	46	73
12*	9.6	10	7.1	6	3.0	RENVILLE MN	-26	-58	-69	04	17
8	4.2	11	5.0	14	5.2	RICE MN	21	3	25	67	50
4	7.4	3	4.5	3	3.8	ROCK MN	-38	-17	-49	13	25
6	10.6	5	7.3			ROSEAU MN	-32				
76	7.0	90	7.1	79	5.5	ST LOUIS MN	1	-23	-22	33	56
6	6.7	8	6.6	10	6.2	SCOTT MN	-2	-6	-8	46	70

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
3	5.6	6	7.8	5	4.2	SHERBURNE MN	39	-46	-25	31	31
1	1.2	7	7.7	8	6.7	SIBLEY MN	515	-12	440	98	75
20	6.1	33	8.3	35	6.7	STEARNS MN	36	-19	10	60	75
10	8.5	6	4.0	15	8.5	STEELE MN	-53	115	1	53	88
3	5.7	3	5.5	1	2.2	STEVENS MN	-4	-61	-62	07	11
4	5.4	2	2.2	7	7.1	SWIFT MN	-59	220	31	70	79
7	6.0	12	8.2	9	7.3	TODD MN	37	-11	22	66	81
2	5.5	3	6.8	5	8.6	TRAVERSE MN	24	26	56	78	89
11*	11.2	11	9.3	10	6.7	WABASHA MN	-17	-29	-41	19	74
7	11.4	6	9.0	2	2.5	WADENA MN	-21	-72	-78	01	13
9	10.7	10	9.9	9	9.4	WASECA MN	-7	-5	-12	41	92
17	8.3	19	6.5	22	5.6	WASHINGTON MN	-21	-14	-32	24	59
5	6.5	4	4.5	6	6.8	WATONWAN MN	-30	50	4	56	76
3	6.6	5	9.4	3	4.8	WILKIN MN	44	-49	-27	29	41
13	6.0	19	7.2	14	4.5	WINONA MN	19	-37	-25	31	36
15*	9.1	15	7.8	16	5.9	WRIGHT MN	-14	-25	-36	22	64
4	4.4	7	7.9	5	4.8	YELLOW MEDICINE MN	81	-39	10	60	41
339	5.8	424	6.0	476	5.3	MISSISSIPPI MS	4	-12	-9		
3	4.9	6	7.4	5	4.5	ADAMS MS	51	-39	-8	46	35
10	8.4	9	6.8	8	4.5	ALCORN MS	-19	-35	-47	14	35
3	6.7			2	3.4	AMITE MS			-49	13	20
6	9.6	7	9.2	9	7.6	ATTALA MS	-4	-18	-21	33	83
1	4.1	1	3.9	3	9.2	BENTON MS	-4	137	128	90	91
5	5.4	4	4.4	5	5.0	BOLIVAR MS	-18	13	-8	46	45
3	4.5	5	7.3	5	5.8	CALHOUN MS	60	-21	27	68	61
1	2.9	4	11.7	2	4.3	CARROLL MS	305	-63	49	76	33
4	7.5	4	7.2	4	5.8	CHICKASAW MS	-5	-19	-23	33	62
1	2.4	2	6.9	1	2.7	CHOCTAW MS	182	-60	13	61	14
1	7.9			1	4.6	CLAIBORNE MS			-41	18	38
2	3.6	3	4.8	2	2.6	CLARKE MS	36	-45	-26	30	14
		2	3.3	2	2.6	CLAY MS		-20			14
1	1.5	3	3.7	5	4.8	COAHOMA MS	149	29	221	95	40
4	5.0	7	7.7	4	2.9	COPIAH MS	54	-62	-42	18	16
1	1.7	1	1.4	7	11.3	COVINGTON MS	-18	707	562	99	95
3	7.2	2	3.5	11	8.1	DE SOTO MS	-52	130	11	60	86
11	7.7	13	6.2	14	5.2	FORREST MS	-19	-17	-33	24	48
1	3.5	3	8.3	2	3.4	FRANKLIN MS	141	-59	0	52	21
5*	13.3	2	3.6	4	6.9	GEORGE MS	-73	91	-48	13	77
1	3.0					GREENE MS					
4	8.4	5	7.8	1	1.1	GRENADA MS	-7	-86	-87	00	07
2	3.7	2	2.3	7	6.8	HANCOCK MS	-36	192	87	85	76
9	2.7	25	6.2	20	3.7	HARRISON MS	133	-40	41	73	24
26	5.2	43	7.2	41	5.2	HINDS MS	39	-28	0	52	48
3	5.8	7*	11.5	6	8.6	HOLMES MS	99	-25	48	75	89
		1	3.2			HUMPHREYS MS					
		1	28.8			ISSAQUENA MS					
2	2.2	2	2.1	5	4.6	ITAWAMBA MS	-5	115	103	87	36
7	4.6	9	4.5	23	6.2	JACKSON MS	-3	37	33	71	68
2	5.4	1	2.7	2	3.1	JASPER MS	-50	17	-41	18	18
1	4.4	1	4.9	2	7.2	JEFFERSON MS	12	49	66	81	80
2	7.3	6*	18.5			JEFFERSON DAVIS MS	152				
4	1.9	11	4.6	14	5.2	JONES MS	139	13	170	93	50
1	3.1	1	2.3	1	3.9	KEMPER MS	-23	65	27	68	26
1	1.3	4	5.0	5	4.8	LAFAYETTE MS	288	-5	270	97	40
2	3.7	3	4.9	4	4.6	LAMAR MS	34	-5	27	68	38
16	7.0	17	6.4	16	3.9	LAUDERDALE MS	-8	-39	-44	16	26
5*	14.1	4	10.2	6*	11.5	LAWRENCE MS	-28	13	-18	36	95
8*	14.3	4	5.1	6	5.5	LEAKE MS	-64	8	-62	07	56
7	4.8	6	3.4	11	4.8	LEE MS	-29	39	-1	52	40
7	8.2	7	6.9	8	6.5	LEFLORE MS	-16	-5	-21	34	73
2	2.3	5	4.5	16*	12.8	LINCOLN MS	96	184	456	98	97
7	7.0	7	5.2	8	4.2	LOWNDES MS	-26	-19	-40	19	31
3	5.7	5	9.8	9*	9.9	MADISON MS	70	2	73	83	93
7	10.8	4	4.2	4	3.9	MARION MS	-61	-8	-64	06	26
2	4.9	2	4.0	5	7.7	MARSHALL MS	-19	92	57	78	84
4	3.6	7	5.3	7	4.4	MONROE MS	48	-17	23	66	34
4	7.4	8*	14.4	6	11.9	MONTGOMERY MS	96	-18	62	80	96
3	3.5	8	8.7	4	2.9	NESHOBA MS	147	-67	-19	36	15
3	4.2	8	10.3	3	2.4	NEWTON MS	147	-77	-42	17	12
1	2.7	2	6.1	1	2.7	NOXUBEE MS	126	-55	1	53	14
3	5.8	1	1.5	4	4.1	OKTIBBEHA MS	-74	171	-29	27	28
2	2.9	8	10.1	1	.7	PANOLA MS	246	-93	-75	02	06
9*	11.1	6	6.0	10	8.2	PEARL RIVER MS	-46	36	-26	30	87
5*	17.4	1	2.6	2	4.6	PERRY MS	-85	74	-74	03	37
10	9.0	4	3.6	6	4.0	PIKE MS	-61	11	-56	10	27
6	7.5	9	10.0	2	1.9	PONTOTOC MS	34	-81	-75	02	10
5	6.4	3	3.0	12	9.5	PRENTISS MS	-53	222	50	76	92
1	3.0	4	10.5			QUITMAN MS	251				
5	6.3	6	5.2	12	6.2	RANKIN MS	-18	20	-2	51	69
6	9.6	3	3.7	7	7.5	SCOTT MS	-61	100	-22	33	82
		2	11.7			SHARKEY MS					
5	7.1	4	4.9	3	2.7	SIMPSON MS	-32	-44	-62	07	14
6	12.7	4	8.2	8*	11.8	SMITH MS	-35	44	-7	47	96
		1	3.8	1	2.5	STONE MS		-33			13
3	4.3	2	2.6	3	3.7	SUNFLOWER MS	-40	44	-14	40	24
3	7.5	5	10.6	4	6.3	TALLAHATCHIE MS	41	-41	-17	37	70
3	7.6			3	4.8	TATE MS			-38	20	40
2	2.8	5	6.0	9	9.6	TIPPAH MS	117	59	245	96	92
6	8.3	5	6.2	10*	9.4	TISHOMINGO MS	-25	51	13	61	92
		2	10.3			TUNICA MS					
8	9.4	4	4.1	4	3.0	UNION MS	-56	-28	-68	04	16
2	5.4	2	4.2	3	5.5	WALTHALL MS	-22	30	1	53	55
4	3.6	11	8.6	7	4.2	WARREN MS	137	-51	16	63	31
13*	10.7	7	4.5	9	5.0	WASHINGTON MS	-58	11	-53	11	46
2	4.2	7*	12.3	1	1.4	WAYNE MS	191	-89	-68	04	07
2	4.4	6	11.6	2	3.0	WEBSTER MS	166	-74	-30	26	17
1	4.1	1	4.0	1	3.5	WILKINSON MS	-1	-12	-13	41	21
3	5.4	8*	12.9	4	3.6	WINSTON MS	140	-72	-33	23	22
6*	12.8	4	5.5	4	5.4	YALOBUSHA MS	-57	-1	-58	09	55

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
6	9.2	5	6.0	7	7.9	YAZOO MS	-35	32	-14	40	85
1209	5.7	1470	5.9	1571	5.5	MISSOURI MO	4	-7	-4		
4	3.3	9	6.6	9	7.2	ADAIR MO	102	8	119	89	80
3	3.7	3	3.0	3	3.2	ANDREW MO	-20	9	-13	41	19
7*	11.8	3	3.8	2	1.5	ATCHISON MO	-68	-61	-88	00	08
7	5.4	14	8.3	8	6.0	AUDRAIN MO	54	-27	12	61	66
4	3.2	9	7.1	6	3.3	BARRY MO	121	-53	4	55	20
2	3.2	5	4.7	9	8.6	BARTON MO	48	84	171	93	89
6	6.2	5	4.0	6	3.3	BATES MO	-35	-18	-47	14	19
2	5.1	5	9.4	3	3.6	BENTON MO	86	-61	-28	28	22
3	5.5	4	6.7	8*	10.7	BOLLINGER MO	23	59	97	87	95
8	3.8	14	4.7	13	3.8	BOONE MO	23	-18	0	53	26
26	4.7	38	6.2	29	4.1	BUCHANAN MO	30	-34	-14	40	29
5	3.0	14	7.2	25*	10.6	BUTLER MO	141	47	256	96	94
3	3.2	1	1.3	4	3.5	CALDWELL MO	-61	174	7	58	21
8	7.2	9	6.9	15*	9.7	CALLAWAY MO	-5	42	35	71	93
		6	8.0	9	7.8	CAMDEN MO		-2			84
18	9.3	15	5.4	26*	8.3	CAPE GIRARDEAU MO	-41	53	-11	43	87
2	1.8	8	7.9	13*	8.9	CARROLL MO	336	12	391	98	90
		2	8.0			CARTER MO					
11	8.1	10	5.6	14	6.2	CASS MO	-30	11	-23	33	70
6	9.2	4	6.0	6	5.3	CEDAR MO	-34	-12	-42	17	51
6	7.2	7	9.1	9*	6.2	CHARITON MO	27	-32	-14	40	69
3	4.2	4	5.8	6	4.9	CHRISTIAN MO	59	-16	16	63	42
2	3.4	4	7.4	2	2.6	CLARK MO	117	-65	-25	31	13
20	6.3	17	3.6	39	6.7	CLAY MO	-42	83	6	56	74
8	9.0	4	3.4	3	1.6	CLINTON MO	-62	-54	-82	01	08
14	7.9	11	5.0	15	4.7	COLE MO	-36	-6	-40	19	39
5	5.1	9	8.4	3	4.0	COOPER MO	66	-52	-20	34	28
6	9.4	5	5.0	6	5.3	CRAWFORD MO	-47	7	-43	16	51
3	7.6	4	4.8	2	2.6	DADE MO	-37	-47	-66	05	13
2	2.8	5	6.7	5	4.8	DALLAS MO	141	-28	73	83	41
1	1.0	5	7.6	4	7.6	DAVIESS MO	647	0	645	99	83
3	5.0	6	8.4	6	8.0	DE KALB MO	67	-4	60	79	86
4	6.4	2	2.2	4	4.3	DENT MO	-65	93	-32	24	33
3	5.1	8*	14.3	1	1.9	DOUGLAS MO	179	-87	-63	06	10
5	2.5	11	6.0	16	7.1	DUNKLIN MO	135	19	180	94	79
12	5.6	13	4.7	22	6.0	FRANKLIN MO	-15	27	7	57	65
2	3.1	4	4.8	6	5.5	GASCONADE MO	55	13	76	83	55
3	3.9	2	3.4	3	5.3	GENTRY MO	-11	56	38	72	52
29	4.6	46	5.6	49	4.6	GREENE MO	21	-18	-1	52	37
6	7.5	9	8.3	6	5.2	GRUNDY MO	11	-37	-30	26	50
4	4.5	3	3.8	6	5.2	HARRISON MO	-14	35	16	63	49
8	6.5	13	8.6	5	2.8	HENRY MO	32	-68	-57	09	15
1	3.4	2	3.8	5	19.2	HICKORY MO	12	401	464	99	99
2	2.9	6	9.9	4	5.8	HOLT MO	236	-41	97	87	62
4	7.3	5	5.2	3	3.9	HOWARD MO	-28	-26	-47	14	26
4	3.1	5	3.9	10	5.1	HOWELL MO	27	31	67	81	48
3	6.8	1	1.5	2	1.0	IRON MO	-78	-32	-85	00	06
189	6.5	192	5.7	202	5.8	JACKSON MO	-13	2	-11	42	62
27	5.6	25	4.3	41	6.8	JASPER MO	-22	57	23	66	76
9	4.5	19	5.5	30	6.0	JEFFERSON MO	22	8	32	70	65
2	1.4	10	5.8	11	6.5	JOHNSON MO	307	12	354	98	73
5	11.8	2	3.4			KNOX MO	-71				
4	3.7	5	4.3	9	7.1	LACLEDE MO	15	65	89	86	79
12	8.1	15	9.2	20*	10.1	LAFAYETTE MO	13	10	24	67	93
10	5.9	5	2.5	16	6.5	LAWRENCE MO	-57	158	11	60	73
3	4.3	3	4.5	2	3.1	LEWIS MO	6	-32	-28	28	17
8	7.6	5	6.0	6	4.0	LINCOLN MO	-21	-34	-47	14	27
9	8.5	12	11.0	6	2.7	LINN MO	30	-76	-68	04	14
3	3.2	3	2.0	8	5.6	LIVINGSTON MO	-37	179	76	84	58
2	2.4	3	3.4	10*	11.2	MC DONALD MO	42	235	376	98	95
4	3.0	6	4.4	9	8.1	MACON MO	50	83	174	93	86
1	2.2	1	1.3	9*	8.7	MADISON MO	-42	575	293	97	89
3	8.5	4	8.8			MARIES MO	3				
10	5.5	5	2.4	9	3.8	MARION MO	-56	56	-32	25	25
1	2.0	1	9.7	1	1.8	MERCER MO	385	-81	-8	46	10
5	5.8	8	8.5	4	3.7	MILLER MO	46	-57	-37	21	23
9*	12.1	3	3.9	4	4.1	MISSISSIPPI MO	-67	4	-66	05	29
5	7.9	1	2.2	2	1.9	MONITEAU MO	-73	-14	-77	02	10
4	4.9	8	10.8	7	8.2	MONROE MO	120	-24	68	82	87
4	5.5	3	2.7	7	7.3	MONTGOMERY MO	-51	173	34	71	81
4	7.7	4	6.6	6	8.0	MORGAN MO	-14	21	3	55	85
6	5.0	7	6.2	7	5.6	NEW MADRID MO	23	-9	12	60	57
11	6.7	22*	11.3	11	5.0	NEWTON MO	68	-55	-25	31	46
8	5.9	19*	10.5	11	5.8	NODAWAY MO	77	-45	-2	50	61
2	3.8	2	2.4	3	4.4	OREGON MO	-36	81	17	63	34
4	6.5	6	10.8	3	3.2	OSAGE MO	67	-70	-51	12	18
1	2.6	3	8.4	2	3.2	OZARK MO	229	-62	24	67	18
5	2.9	7	5.0	7	5.1	PEMISCOT MO	71	2	74	83	48
4	4.5	7	6.8	9	7.5	PERRY MO	51	10	65	81	82
12	6.2	15	7.3	10	4.1	PETTIS MO	18	-43	-33	24	29
4	3.7	6	4.5	9	5.2	PHELPS MO	23	16	43	74	49
11*	11.3	8	6.9	7	5.0	PIKE MO	-39	-28	-56	10	45
3	3.2	10	7.3	8	5.0	PLATTE MO	129	-31	57	76	44
4	4.0	4	4.6	5	3.6	POLK MO	15	-21	-9	45	22
		8	7.7	9	7.4	PULASKI MO		-4			82
3	5.7	2	2.7	1	1.3	PUTNAM MO	-52	-52	-77	01	07
1	2.0	3	6.1			RALLS MO	202				
6	3.7	9	5.0	3	1.2	RANDOLPH MO	35	-76	-67	05	07
6	8.0	13*	14.9	11	7.9	RAY MO	87	-47	-1	51	85
2	6.0			2	4.3	REYNOLDS MO			-29	28	32
4	8.3	2	3.5	3	3.1	RIPLEY MO	-58	-11	-62	07	18
12	6.3	18	6.1	18	3.9	ST CHARLES MO	-3	-37	-39	20	26
5	9.4	6	7.8	1	.8	ST CLAIR MO	-16	-89	-91	00	06
5	8.6	4	5.8	2	2.6	STE GENEVIEVE MO	-33	-55	-70	04	13
9	4.3	17	7.2	15	6.1	ST FRANCOIS MO	69	-16	41	74	67
146	5.5	229	5.9	272	5.5	ST LOUIS COUNTY MO	7	-7	0	52	56
10	6.3	16	10.4	2	.8	SALINE MO	65	-92	-88	00	06

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
3	8.0	6*	9.3	5	12.7	SCHUYLER MO	17	36	59	79	97
5	9.4	3	4.9	2	2.1	SCOTLAND MO	-48	-57	-78	01	11
6	3.7	6	3.7	11	5.5	SCOTT MO	1	48	49	76	56
2	4.3	1	2.6	2	4.6	SHANNON MO	-38	75	8	58	38
4	4.2	4	5.6	5	10.4	SHELBY MO	31	88	146	91	94
10	6.5	7	4.6	9	4.3	STODDARD MO	-29	-7	-34	23	33
5	12.2			4	4.2	STONE MO			-66	05	30
4	5.7	9*	8.9	3	5.4	SULLIVAN MO	56	-40	-6	47	53
4	7.3	4	4.6	7	4.5	TANEY MO	-37	-2	-38	20	36
4	4.2	4	3.9	5	3.6	TEXAS MO	-8	-6	-13	41	23
4	2.5	6	3.8	11	6.7	VERNON MO	53	78	173	93	75
1	2.4	3	4.1	2	1.7	WARREN MO	74	-58	-27	29	09
1	1.5	5	7.2	4	4.7	WASHINGTON MO	365	-34	205	95	39
2	3.6	4	7.9	3	4.8	WAYNE MO	121	-39	35	71	41
4	5.4	6	6.8	9	7.2	WEBSTER MO	27	5	33	71	80
3	11.0					WORTH MO					
4	4.5	5	4.7	9	7.3	WRIGHT MO	3	57	62	80	81
238	6.4	222	6.5	180	5.8	ST LOUIS CITY MO	1	-10	-9	45	62
190*	6.6	210	6.1	214	5.3	MONTANA MT	-7	-13	-19		
4	12.5	1	2.2	2	4.6	BEAVERHEAD MT	-83	110	-64	06	36
3	10.4	2	7.5	2	6.5	BIG HORN MT	-28	-13	-37	21	73
4	10.6	3	9.5	1	3.7	BLAINE MT	-11	-61	-65	05	23
1	6.4			2	13.3	BROADWATER MT			107	88	97
3	5.8	3	6.0	4	5.2	CARBON MT	4	-14	-10	44	49
2	14.6	1	6.2	1	5.7	CARTER MT	-58	-8	-61	07	60
19	7.8	25	7.1	20	4.7	CASCADE MT	-9	-34	-40	19	39
3	8.9	2	5.3	2	7.4	CHOUTEAU MT	-41	40	-17	37	82
5	7.7	7	10.3	6	9.1	CUSTER MT	34	-12	18	64	91
				1	4.5	DANIELS MT					35
3	6.6	1	2.1	5	8.5	DAWSON MT	-68	296	28	69	88
4	4.4	5	5.7	4	4.5	DEER LODGE MT	28	-22	1	53	35
2	9.2	2	11.8	1	4.0	FALLON MT	28	-66	-57	09	27
5	6.1	4	4.6	8	7.2	FERGUS MT	-24	55	17	63	80
13	9.0	6	3.3	18	7.6	FLATHEAD MT	-63	130	-16	38	83
4	3.7	10	8.2	12	6.8	GALLATIN MT	122	-17	84	85	76
1	10.3	1	18.9			GARFIELD MT	83				
		4	11.1	1	3.0	GLACIER MT		-73			16
1	74.3					GOLDEN VALLEY MT					
11*	15.8	5	6.6	5	5.7	HILL MT	-58	-14	-64	06	60
2	9.7	2	8.6	5*	15.6	JEFFERSON MT	-10	81	62	80	98
5	8.1	1	1.3	6	6.5	LAKE MT	-84	393	-19	35	73
10	7.7	16*	9.6	9	4.6	LEWIS AND CLARK MT	24	-53	-41	18	36
2	4.5	4	6.4	2	3.0	LINCOLN MT	44	-54	-33	24	17
2	14.9	1	7.0	1	6.9	MC CONE MT	-53	-2	-54	10	77
3	9.6					MADISON MT					
1	11.9			1	7.4	MEAGHER MT			-37	21	82
1	9.4			1	6.6	MINERAL MT			-29	27	74
12	6.0	13	5.6	15	5.0	MISSOULA MT	-7	-10	-17	37	45
1	3.2	3	11.0	2	10.5	MUSSELSHELL MT	247	-4	234	96	94
3	4.0	9*	13.6	4	5.2	PAPK#MT	243	-62	30	69	49
2	8.5	4	13.3	2	4.2	PHILLIPS MT	57	-69	-51	12	30
2	3.8	3	9.4	1	1.4	PONDERA MT	149	-86	-64	06	07
		1	9.1			POWDER RIVER MT					
1	3.3	3	8.2	1	3.4	POWELL MT	146	-58	2	54	20
		1	5.9			PRAIRIE MT					
8*	11.8	3	2.8	7	6.2	RAVALLI MT	-76	124	-47	14	69
1	1.3	2	3.9	1	1.5	RICHLAND MT	203	-61	18	64	08
2	5.8	2	4.5	2	5.9	ROOSEVELT MT	-23	32	2	54	64
2	9.5	1	3.6			ROSEBUD MT	-63				
1	3.4	1	2.3	2	4.2	SANDERS MT	-32	78	22	66	30
4	20.7	4	9.1	9*	21.9	SHERIDAN MT	-56	140	5	56	99
12	4.8	13	5.2	16	6.4	SILVER BOW MT	8	23	32	70	71
1	3.1	1	3.1	2	5.4	STILLWATER MT	-1	75	74	83	53
		1	3.3	1	2.0	SWEET GRASS MT		-41			10
6*	18.1	2	5.0	3	9.0	TETON MT	-72	80	-50	12	90
		2	4.9			TOOLE MT					
6	12.6	4	7.0	3	5.9	VALLEY MT	-44	-16	-53	11	64
1	5.3	1	7.8	1	6.2	WHEATLAND MT	45	-20	16	63	69
		2*	23.5			WIBAUX MT					
11	3.9	28	6.8	22	4.3	YELLOWSTONE MT	75	-36	12	61	33
437	6.0	562*	6.7	624*	6.2	NEBRASKA NB	11	-7	3		
6	3.7	9	4.7	18	7.2	ADAMS NB	27	53	94	86	80
1	1.9	1	1.3	6	12.5	ANTELOPE NB	-30	850	566	99	96
		1	19.5			BLAINE NB					
1	1.6	7*	9.9	2	6.0	BOONE NB	510	-39	270	97	66
1	1.5	5	7.4			BOX BUTTE NB	390				
1	4.0			2	6.1	BOYD NB			54	77	67
		5*	13.1	3	5.3	BROWN NB		-60			51
10	7.1	10	4.9	11	5.0	BUFFALO NB	-31	2	-30	27	45
2	3.5	3	4.0	6	9.6	BURT NB	14	141	175	94	93
3	4.1	12*	17.7	5	7.1	BUTLER NB	335	-60	73	83	79
6	6.0	6	5.7	7	5.6	CASS NB	-5	-3	-8	46	58
3	4.4	5	6.5	5	7.6	CEDAR NB	48	17	73	83	83
3	14.8	2	5.3	1	1.6	CHASE NB	-64	-70	-89	00	08
2	5.7	4	10.6	1	3.6	CHERRY NB	86	-66	-37	21	22
7*	10.3	5	7.5	2	3.1	CHEYENNE NB	-27	-59	-70	04	17
3	4.2	4	6.6	4	6.6	CLAY NB	58	-1	56	78	73
6	9.4	7	10.6	7	9.1	COLFAX NB	13	-14	-4	49	91
3	4.7	3	3.3	11*	13.8	CUMING NB	-28	313	196	94	97
6	5.2	6	4.6	11	9.2	CUSTER NB	-12	101	77	84	91
3	5.2	4	6.9	1	1.8	DAKOTA NB	31	-74	-66	05	09
5	10.4	3	5.3	6	6.5	DAWES NB	-49	22	-38	20	72
6	5.6	5	4.4	9	7.3	DAWSON NB	-21	64	29	69	81
		3	13.1	2	5.5	DEUEL NB		-58			56
2	5.1	1	1.5	5	7.8	DIXON NB	-71	426	53	77	84
9	5.4	18	9.7	19	7.4	DODGE NB	81	-23	38	72	82
93	6.3	123	6.8	144*	6.7	DOUGLAS NB	9	-2	7	58	75

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1	5.2	2	5.1	DUNDY	NB		-2			47
6	9.4	1	1.0	7	9.5	FILLMORE	NB	-89	852	1	53	92
1	2.8	4	8.9	6*	11.6	FRANKLIN	NB	217	33	322	97	96
2	7.2	1	5.7	2	9.1	FRONTIER	NB	-20	58	26	68	90
3	5.1	3	4.4	6	8.7	FURNAS	NB	-13	97	71	82	89
7	4.3	14	8.5	12	6.5	GAGE	NB	98	-24	50	76	72
1	6.4			1	16.1	GARDEN	NB			153	92	98
1	7.5	3*	19.9	1	2.8	GARFIELD	NB	164	-86	-63	06	15
				1	5.9	GOSPER	NB					64
1	2.9	3	14.9	1	5.3	GREELEY	NB	411	-65	81	85	51
17*	8.4	24*	9.7	17	5.6	HALL	NB	15	-42	-33	23	59
5	7.8	5	8.8	6	8.4	HAMILTON	NB	13	-5	7	57	88
5*	14.1	5*	13.0	2	5.2	HARLAN	NB	-8	-60	-63	06	50
				3	18.5	HITCHCOCK	NB					99
1	1.0	8	9.4	2	2.1	HOLT	NB	806	-78	99	87	10
3	8.0	7*	15.2	1	3.6	HOWARD	NB	90	-77	-55	10	22
6	8.6	9	11.3	8	6.4	JEFFERSON	NB	31	-43	-25	31	72
1	3.0	4	6.3	4	9.3	JOHNSON	NB	108	47	206	95	92
2	4.1	5	12.3	5	9.8	KEARNEY	NB	204	-21	141	91	93
3	6.9	2	4.3	4	5.6	KEITH	NB	-52	31	-37	21	59
				1*	99.4	KEYA PAHA	NB					99
		2	5.4	2	7.8	KIMBALL	NB		46			84
2	3.1	4	4.1	2	1.7	KNOX	NB	34	-58	-43	16	09
55	7.5	51	5.9	54	5.5	LANCASTER	NB	-21	-7	-27	29	55
10	7.5	12	7.6	9	4.2	LINCOLN	NB	2	-46	-45	15	30
				1*	112.4	LOUP	NB					99
		1*	33.5			MC PHERSON	NB					
11	7.6	14	9.4	9	3.6	MADISON	NB	24	-61	-52	11	23
7*	14.8	4	6.9	3	3.7	MERRICK	NB	-53	-47	-75	02	24
4	13.0			4	7.6	MORRILL	NB			-42	17	83
2	5.3	2	4.5	5	10.7	NANCE	NB	-16	141	102	87	95
4	6.1	4	6.1	4	4.2	NEMAHA	NB	-1	-30	-30	26	32
4	7.8	3	5.3	4	6.3	NUCKOLLS	NB	-33	19	-20	35	70
8	7.3	3	1.9	6	4.1	OTOE	NB	-74	116	-43	16	29
6*	13.8	1	1.6	2	3.7	PAWNEE	NB	-88	129	-73	03	23
		2	10.1	1	3.3	PERKINS	NB		-67			20
4	6.3	3	4.0	7	10.3	PHELPS	NB	-36	154	63	80	94
1	2.1	4	6.7	1	1.0	PIERCE	NB	222	-85	-53	11	06
6	5.6	9	6.5	13	6.7	PLATTE	NB	15	2	18	64	74
1	3.0	3	4.3	1	2.6	POLK	NB	44	-39	-12	41	13
2	3.3	3	3.9	9	9.5	RED WILLOW	NB	20	143	192	94	92
6	6.6	4	4.3	6	5.0	RICHARDSON	NB	-35	17	-25	31	45
1	6.7	3*	23.8			ROCK	NB	254				
5	6.4	4	4.9	11	8.2	SALINE	NB	-24	67	27	68	86
2	1.2	10	8.6	10	3.7	SARPY	NB	616	-57	206	95	23
5	5.0	8	8.0	13*	8.6	SAUNDERS	NB	61	7	72	83	89
12	8.1	15	8.3	15	6.6	SCOTTS BLUFF	NB	2	-20	-18	36	73
5	7.0	8	10.7	4	3.6	SEWARD	NB	54	-67	-49	13	22
6*	14.9	4	7.3	4	5.4	SHERIDAN	NB	-51	-26	-64	06	55
2	5.9			3	9.2	SHERMAN	NB			56	78	91
		1	10.2	1	9.4	SIOUX	NB		-8			92
		1	2.8	5*	12.6	STANTON	NB		347			97
6	9.5	4	5.2	6	5.8	THAYER	NB	-46	12	-39	19	62
1	17.2					THOMAS	NB					
		2	7.0	2	5.9	THURSTON	NB		-16			64
		5	10.5	4	8.0	VALLEY	NB		-23			86
2	2.9	5	7.2	4	4.6	WASHINGTON	NB	147	-36	58	78	37
3	5.5	5	9.3	7*	9.8	WAYNE	NB	67	6	77	84	93
		1	1.3	3	3.5	WEBSTER	NB		169			21
1	13.2					WHEELER	NB					
6	6.5	6	5.3	9	8.4	YORK	NB	-19	60	29	69	88
35	4.4	79	5.3	119	4.7	NEVADA	NV	20	-11	7		
1	3.2	1	2.1	8*	13.5	CHURCHILL	NV	-35	547	322	97	97
10	4.0	34	4.2	57	4.5	CLARK	NV	6	5	11	60	35
		2	8.9	5	10.5	DOUGLAS	NV		19			94
2	4.0	6	12.5	2	3.1	ELKO	NV	211	-75	-23	33	17
2	8.5	1	5.0	3	9.7	HUMBOLDT	NV	-42	95	14	62	93
1	11.2					LINCOLN	NV					
		2	7.8	3	5.3	LYON	NV		-32			51
1	3.5	2	11.0	2	6.2	MINERAL	NV	217	-44	77	84	68
				1	6.6	NYE	NV					74
2	13.1			1	6.7	PERSHING	NV			-49	13	75
15	5.6	25	5.6	32	4.7	WASHOE	NV	0	-16	-16	38	39
		4	10.7	2	4.7	WHITE PINE	NV		-56			39
1	4.8	2	4.8	3	2.7	ORMSBY-CARSON CITY	NV	1	-44	-43	16	14
183	5.7	230	5.9	240	4.8	NEW HAMPSHIRE	NH	3	-19	-17		
8	4.8	10	5.3	13	4.7	BELKNAP	NH	11	-13	-3	50	39
7	8.1	3	2.4	10	6.8	CARROLL	NH	-71	184	-16	38	76
14	6.2	15	5.4	17	4.6	CHESHIRE	NH	-13	-15	-25	31	38
11	5.9	18	8.9	16	7.7	COOS	NH	51	-14	30	69	83
11	4.1	19	6.3	21	4.8	GRAFTON	NH	54	-25	16	62	40
55	5.8	69	5.9	65	4.5	HILLSBOROUGH	NH	2	-25	-23	32	35
24	5.6	35	6.8	33	5.5	MERRIMACK	NH	20	-19	-2	50	56
30	6.5	34	5.6	32	3.6	ROCKINGHAM	NH	-14	-37	-45	15	22
15	5.2	19	5.6	20	4.5	STRAFFORD	NH	8	-20	-13	40	35
8	5.1	8	4.9	13	6.4	SULLIVAN	NH	-4	31	25	67	72
1499	5.7	1916	5.9	2055	5.3	NEW JERSEY	NJ	3	-10	-8		
49	6.4	51	5.1	64	5.1	ATLANTIC	NJ	-21	1	-21	34	47
191	5.8	268	6.3	310	6.1	BERGEN	NJ	8	-2	6	57	68
30	4.3	59	5.4	76	5.3	BURLINGTON	NJ	26	-3	23	66	51
95	5.8	118	5.8	109	4.6	CAMDEN	NJ	1	-21	-20	34	37
14	5.2	16	5.7	34	5.5	CAPE MAY	NJ	11	-4	7	57	57
24	4.8	25	4.6	25	3.9	CUMBERLAND	NJ	-4	-17	-20	34	26
276	6.4	285	6.6	223	5.4	ESSEX	NJ	3	-17	-15	39	55
23	4.4	32	4.8	27	3.2	GLOUCESTER	NJ	8	-34	-28	28	18

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE LEUKEMIAS ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
165	5.2	175	5.3	206	6.1	HUDSON	NJ	1	16	17	63	68
24*	9.1	22	6.6	16	3.8	HUNTERDON	NJ	-28	-42	-58	08	25
69	5.8	68	6.4	76	4.6	MERCER	NJ	12	-29	-20	34	37
83	5.7	108	4.9	125	4.6	MIDDLESEX	NJ	-13	-7	-19	35	37
78	5.8	118	5.9	136	5.0	MONMOUTH	NJ	2	-15	-14	40	45
51	4.9	91	5.7	118	6.1	MORRIS	NJ	17	7	25	67	67
26	6.3	53	6.0	111	5.4	OCEAN	NJ	-6	-10	-15	38	53
104	5.5	133	6.1	122	5.1	PASSAIC	NJ	10	-15	-7	46	48
15	6.5	15	5.8	18	5.5	SALEM	NJ	-11	-5	-15	39	57
33	6.3	49	6.2	49	5.0	SOMERSET	NJ	-2	-20	-21	33	44
11	5.0	25	7.6	27	5.5	SUSSEX	NJ	53	-27	11	60	56
123	5.8	155	5.8	148	5.0	UNION	NJ	-1	-14	-14	39	44
15	4.7	30	7.3	35	6.7	WARREN	NJ	56	-8	43	74	75
146	4.9	212	5.5	228	4.9	NEW MEXICO	NM	12	-11	-1		
39	5.0	70	6.1	73	4.9	BERNALILLO	NM	22	-20	-2	50	43
1	7.6			1	10.4	CATRON	NM			38	72	94
15	9.7	11	5.1	18	6.7	CHAVES	NM	-48	33	-31	25	75
1	1.2	4	6.1	4	6.4	COLFAX	NM	402	4	421	98	71
5	5.0	12	8.9	7	3.7	CURRY	NM	79	-59	-27	29	23
		2	14.1	2	10.8	DE BACA	NM		-23			95
7	4.6	11	3.9	12	4.0	DONA ANA	NM	-15	2	-14	40	27
14	9.6	10	5.0	16	6.6	EDDY	NM	-48	33	-31	25	74
4	4.5	4	4.0	6	5.1	GRANT	NM	-13	28	12	61	47
1	4.0			2	9.6	GUADALUPE	NM			141	91	92
1	6.9					HARDING	NM					
7	4.5	9	6.3	10	5.0	LEA	NM	40	-21	11	60	45
3	6.4	1	3.7	3	6.0	LINCOLN	NM	-42	64	-6	47	66
3	8.6	2	2.4	4	6.6	LOS ALAMOS	NM	-72	174	-23	33	74
3	5.6	2	3.6	3	3.7	LUNA	NM	-36	5	-34	23	24
1	1.5	3	3.1	1	1.4	MC KINLEY	NM	109	-57	-9	44	08
1	2.2	1	3.9	1	5.3	MORA	NM	78	35	140	91	50
4	4.4	5	3.4	9	5.4	OTERO	NM	-24	60	22	66	54
2	3.3	3	4.6	4	6.9	QUAY	NM	40	50	110	88	77
		6	5.4	3	4.3	RIO ARRIBA	NM		-21			32
7	9.4	2	2.7	5	5.4	ROOSEVELT	NM	-71	99	-43	17	54
2	6.9	2	4.2	2	2.8	SANDOVAL	NM	-39	-34	-60	08	15
5	6.9	9	5.5	6	3.7	SAN JUAN	NM	-20	-32	-46	15	24
6	5.4	7	6.8	6	6.5	SAN MIGUEL	NM	25	-5	19	64	72
3	1.6	12	5.3	12	4.0	SANTA FE	NM	222	-24	145	91	28
1	2.5	4	9.1	5	8.8	SIERRA	NM	265	-3	255	96	90
4	10.4	3	6.4	1	2.7	SOCORRO	NM	-38	-58	-74	02	14
		4	5.5	1	1.3	TAOS	NM		-76			07
		1	4.8	1	3.7	TORRANCE	NM		-23			24
2	6.2	2	6.2	3	6.8	UNION	NM	-1	10	9	59	76
4	3.8	10	10.2	7	3.4	VALENCIA	NM	167	-66	-10	43	20
4774*	6.1	5431	6.0	5500*	5.6	NEW YORK	NY	-1	-8	-9		
62	4.5	84	5.3	111	6.3	ALBANY	NY	18	19	41	73	71
7	2.8	13	4.8	11	3.6	ALLEGANY	NY	70	-25	28	68	22
465*	6.5	380	5.1	368	5.7	BRONX	NY	-21	11	-12	41	60
65	6.5	76	6.3	83	6.2	BROOME	NY	-2	-3	-5	48	69
13	3.1	30	6.4	34	6.9	CATTARAUGUS	NY	107	7	122	89	77
10	2.4	39*	8.7	33	6.7	CAYUGA	NY	257	-23	174	93	75
42	5.2	46	5.2	50	5.2	CHAUTAUQUA	NY	1	-1	0	53	49
20	4.0	34	5.9	32	4.7	CHEMUNG	NY	49	-20	19	64	39
11	4.5	8	3.2	17	5.9	CHENANGO	NY	-30	85	30	69	64
13	5.0	20	6.1	19	5.2	CLINTON	NY	23	-15	5	56	49
14	5.2	16	5.5	30*	8.1	COLUMBIA	NY	5	48	55	77	86
8	3.4	15	6.5	15	5.5	CORTLAND	NY	90	-16	60	79	56
10	4.5	14	4.7	20	6.3	DELAWARE	NY	4	34	39	73	71
40	5.2	50	4.7	58	4.7	DUTCHESS	NY	-10	0	-11	43	39
278	5.9	320	5.7	331	5.4	ERIE	NY	-2	-5	-8	46	54
7	3.7	12	5.8	22*	8.7	ESSEX	NY	57	50	135	91	89
13	5.4	16	6.5	8	3.1	FRANKLIN	NY	20	-53	-43	16	17
11	3.5	17	4.9	24	5.4	FULTON	NY	39	12	56	77	55
15	5.4	22	7.5	15	4.1	GENESEE	NY	38	-45	-25	31	29
10	6.1	10	3.9	12	3.7	GREENE	NY	-36	-4	-39	19	24
1	3.6	3	11.9	4	12.1	HAMILTON	NY	229	1	234	96	96
22	6.0	21	5.4	21	4.3	HERKIMER	NY	-10	-21	-29	27	32
38	7.5	30	5.3	36	5.5	JEFFERSON	NY	-30	4	-27	29	56
861*	6.8	613	4.9	679	5.8	KINGS(BROOKLYN)	NY	-29	19	-15	38	62
2	1.8	5	3.7	10	8.8	LEWIS	NY	107	138	395	98	89
9	4.2	11	4.5	15	5.0	LIVINGSTON	NY	6	10	17	63	44
16	6.2	14	4.7	24	7.5	MADISON	NY	-23	58	21	65	82
190	6.4	206	5.8	241	5.9	MONROE	NY	-9	1	-9	45	63
24	6.9	19	4.3	23	4.6	MONTGOMERY	NY	-38	9	-32	24	38
265	6.3	413*	6.6	452*	6.1	NASSAU	NY	5	-8	-3	49	67
647*	7.8	968*	12.3	480*	6.3	NEW YORK(MANHATTAN)	NY	57	-48	-19	35	71
63	6.2	61	5.2	70	5.0	NIAGARA	NY	-17	-3	-19	36	46
79	6.1	81	5.4	80	4.7	ONEIDA	NY	-13	-12	-23	32	40
108	5.5	124	5.3	137	5.2	ONONDAGA	NY	-2	-2	-5	48	50
24	6.6	20	4.6	25	4.8	ONTARIO	NY	-30	3	-27	29	41
43	4.8	61	5.4	61	4.6	ORANGE	NY	13	-14	-3	50	38
11	6.2	6	3.2	13	6.0	ORLEANS	NY	-49	91	-3	50	66
21	4.7	33	6.5	30	5.4	OSWEGO	NY	38	-16	16	62	54
19	6.2	25	7.6	21	5.8	OTSEGO	NY	23	-24	-7	47	61
7	5.2	14	6.5	20	5.9	PUTNAM	NY	24	-9	13	61	63
480	5.8	526	5.2	625	5.4	QUEENS	NY	-11	4	-8	46	53
29	3.6	50	5.7	35	3.5	RENSSELAER	NY	61	-39	-1	52	21
51	5.3	80	6.1	81	4.8	RICHMOND	NY	15	-22	-10	43	40
36	6.4	38	4.3	55	4.8	ROCKLAND	NY	-33	13	-25	31	41
28	5.3	25	4.3	38	6.2	ST LAWRENCE	NY	-19	45	18	64	69
18	4.0	28	5.0	41	5.8	SARATOGA	NY	25	15	44	74	62
38	4.6	57	6.2	59	5.8	SCHENECTADY	NY	33	-7	26	68	61
6	4.6	8	5.1	10	6.7	SCHOHARIE	NY	11	32	46	75	75
4	5.1	2	2.5	8	7.2	SCHUYLER	NY	-52	192	41	73	80
9	5.1	13	6.2	10	4.0	SENECA	NY	20	-35	-22	33	28
26	5.2	33	5.7	30	4.8	STEUBEN	NY	10	-15	-7	47	41

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1.204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
108	5.1	185	4.5	291	5.1	SUFFOLK	NY	-11	12	-1	52	46
16	6.4	18	6.0	20	6.0	SULLIVAN	NY	-6	-1	-6	47	65
7	3.8	9	4.5	16	6.9	TIOGA	NY	18	53	80	84	77
15	5.2	16	4.6	17	4.4	TOMPKINS	NY	-11	-5	-16	38	33
40	6.7	41	5.5	45	4.9	ULSTER	NY	-18	-10	-26	30	44
13	4.8	12	4.1	19	6.0	WARREN	NY	-15	46	25	67	65
12	4.5	19	6.5	23	7.5	WASHINGTON	NY	43	15	65	81	82
22	5.9	29	7.5	29	6.3	WAYNE	NY	27	-16	6	56	70
238*	6.7	277	6.2	292	5.8	WESTCHESTER	NY	-7	-7	-14	40	61
6	3.4	9	4.2	11	3.9	WYOMING	NY	23	-6	17	63	27
8	7.5	6	4.3	10	5.8	YATES	NY	-43	36	-22	33	63
758	5.4	1038	5.9	1242	5.4	NORTH CAROLINA	NC	10	-9	0		
16	6.2	19	5.3	26	5.3	ALAMANCE	NC	-15	0	-15	39	51
4	6.7	5	6.8	6	5.6	ALEXANDER	NC	1	-17	-16	38	59
		3	6.4	1	1.1	ALLEGHANY	NC		-82			07
7	10.8	7	8.3	5	5.5	ANSON	NC	-23	-33	-49	13	57
1	1.3	6	5.9	9	7.6	ASHE	NC	373	29	509	99	83
1	2.0	5	8.3	5	7.0	AVERY	NC	327	-16	257	97	78
12*	10.1	7	5.5	11	5.8	BEAUFORT	NC	-45	5	-42	17	62
4	7.1	4	8.4	3	3.7	BERTIE	NC	19	-56	-48	13	23
3	3.7	3	3.6	8	7.8	BLADEN	NC	-3	116	109	88	84
3	6.0	5	7.0	5	5.3	BRUNSWICK	NC	16	-24	-12	41	51
33	5.9	45	6.4	48	5.0	BUNCOMBE	NC	8	-22	-16	38	45
18	8.8	24*	9.6	21	6.5	BURKE	NC	9	-32	-26	30	73
15	6.8	19	6.8	20	4.8	CABARRUS	NC	1	-29	-28	28	42
10	4.9	14	6.5	13	4.7	CALDWELL	NC	34	-27	-3	50	40
1	6.0	3*	17.0	1	7.0	CAMDEN	NC	185	-59	18	64	78
4	4.2	7	5.3	5	2.7	CARTERET	NC	29	-50	-36	22	14
4	9.6	2	4.1	5	7.5	CASWELL	NC	-57	82	-22	33	82
12	4.9	15	4.3	27	5.6	CATAWBA	NC	-12	30	14	62	58
3	3.7	7	6.9	11	7.9	CHATHAM	NC	88	15	116	88	85
3	3.2	8	9.0	8	7.2	CHEROKEE	NC	178	-20	123	89	80
2	6.6	3	8.1	1	4.5	CHOWAN	NC	23	-45	-32	24	35
1	6.4					CLAY	NC					
12	5.4	19	6.7	15	4.1	CLEVELAND	NC	24	-39	-24	32	29
8	5.7	5	3.1	12	6.1	COLUMBUS	NC	-46	99	6	57	67
6	4.4	13	9.0	9	4.6	CRAVEN	NC	104	-49	4	55	37
16	5.8	25	6.7	23	4.7	CUMBERLAND	NC	15	-30	-20	35	39
		2	5.7	1	2.1	CURRITUCK	NC		-63			11
		4	13.6	2	3.0	DARE	NC		-78			17
8	3.2	26	7.3	27	5.5	DAVIDSON	NC	129	-26	70	82	55
1	1.7	5	6.4	3	3.0	DAVIE	NC	276	-52	80	84	17
7	5.5	6	5.3	6	3.8	DUPLIN	NC	-4	-29	-32	24	25
29*	9.2	29	7.3	29	5.4	DURHAM	NC	-20	-27	-42	17	53
4	2.8	10	7.6	8	5.4	EDGECOMBE	NC	173	-29	93	86	53
27	4.2	41	5.8	57	6.0	FORSYTH	NC	36	4	42	74	65
3	4.0	4	4.7	5	3.9	FRANKLIN	NC	17	-17	-3	50	26
22	4.9	24	4.2	33	4.7	GASTON	NC	-15	12	-5	48	39
1	3.8			3	9.9	GATES	NC			163	93	93
2	8.5	1	3.5	4	9.9	GRAHAM	NC	-59	184	17	63	93
1	1.1	8	7.9	11*	9.8	GRANVILLE	NC	649	23	824	99	93
2	3.9			3	6.1	GREENE	NC			57	78	67
40	5.3	58	5.7	83	6.4	GUILFORD	NC	8	11	20	65	71
6	5.9	15*	9.9	10	4.6	HALIFAX	NC	68	-53	-21	33	38
3	1.5	13	7.6	12	5.0	HARNETT	NC	397	-35	225	96	45
5	3.2	10	4.9	11	3.9	HAYWOOD	NC	51	-20	21	65	26
8	4.5	20	9.2	13	4.1	HENDERSON	NC	105	-56	-9	44	29
3	6.4	2	4.6	6	9.9	HERTFORD	NC	-28	115	54	77	93
1	3.6	1	2.9	4	8.2	HOKE	NC	-20	185	129	90	87
		1	2.5			HYDE	NC					
9	4.3	16	5.4	19	4.7	IREDELL	NC	26	-13	9	59	39
2	2.8	5	6.4	4	3.3	JACKSON	NC	129	-48	19	65	19
8	4.0	13	5.5	19	6.2	JOHNSTON	NC	38	13	57	78	70
		2	6.8	1	3.1	JONES	NC		-54			17
8	8.7	9	8.1	5	3.3	LEE	NC	-7	-59	-62	07	19
7	5.5	11	7.6	11	5.3	LENOIR	NC	37	-30	-4	49	52
4	3.2	12	8.5	9	5.2	LINCOLN	NC	165	-39	63	80	50
4	4.0	5	3.9	8	4.5	MC DOWELL	NC	-3	17	13	61	36
3	4.1	3	3.1	7	6.0	MACON	NC	-23	91	48	75	66
6	7.5	3	3.1	4	4.6	MADISON	NC	-59	49	-39	19	37
4	7.8	4	6.9	5	5.4	MARTIN	NC	-11	-22	-31	25	53
56	7.5	54	5.1	88	6.1	MECKLENBURG	NC	-33	21	-18	36	67
3	5.4	6	7.4	5	5.4	MITCHELL	NC	35	-26	-1	52	54
4	5.8	1	1.2	3	3.0	MONTGOMERY	NC	-80	151	-49	13	16
9	7.5	10	6.8	18	8.1	MOORE	NC	-9	19	8	58	86
6	4.0	10	5.0	9	3.9	NASH	NC	25	-21	-1	51	26
13	5.9	15	5.2	25	6.7	NEW HANOVER	NC	-12	27	12	61	74
2	3.5			3	3.2	NORTHAMPTON	NC			-11	43	18
6	4.4	7	3.7	10	4.7	ONSLOW	NC	-17	28	6	57	39
6	5.5	7	3.7	14	5.5	ORANGE	NC	-33	48	0	52	56
		1	2.4	4	10.9	PAMLICO	NC		350			95
3	3.9	4	4.7	7	6.1	PASQUOTANK	NC	21	29	56	78	67
2	4.2	2	3.7	6	7.9	PENDER	NC	-12	112	86	85	85
2	7.9			2	7.9	PERQUIMANS	NC			0	52	85
5	7.2	6	6.4	3	2.3	PERSON	NC	-11	-65	-68	04	11
3	2.1	18	9.8	15	5.3	PITT	NC	371	-46	156	92	52
3	6.1	7	10.4	2	1.8	POLK	NC	70	-83	-71	03	09
12	6.5	17	5.9	20	5.3	RANDOLPH	NC	-10	-10	-19	36	51
6	4.6	3	2.5	9	4.8	RICHMOND	NC	-45	90	5	56	42
13	6.9	13	6.8	14	6.0	ROBESON	NC	0	-12	-12	41	66
13	5.4	18	6.1	23	6.1	ROCKINGHAM	NC	14	0	13	61	68
17	5.5	19	4.8	37	7.3	ROWAN	NC	-13	54	33	70	81
9	5.0	14	6.2	13	4.6	RUTHERFORD	NC	26	-26	-7	46	37
12	9.0	10	6.7	8	4.8	SAMPSON	NC	-25	-29	-47	14	41
3	3.2	2	2.5	8	8.2	SCOTLAND	NC	-22	229	157	92	87
8	5.7	16	8.1	10	4.5	STANLY	NC	43	-45	-21	34	35
10*	13.2	4	3.9	9	6.4	STOKES	NC	-70	63	-51	12	72
7	3.3	17	7.2	10	3.7	SURRY	NC	117	-49	10	60	23
5*	13.5	4	10.6	2	3.6	SWAIN	NC	-21	-66	-73	03	22

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE LEUKEMIAS ICD 202.4,203.1,204-208

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
4	4.4	3	5.0	4	4.0	TRANSYLVANIA	NC	13	-20	-10	44	27
		1	5.1	1	4.9	TYPRELL	NC		-4			42
13	9.1	10	5.2	11	4.3	UNION	NC	-44	-17	-53	11	32
4	4.7	5	5.0	9	7.3	VANCE	NC	6	45	54	77	80
26	5.2	34	5.2	56	6.1	WAKE	NC	0	16	15	62	67
5	12.5	1	1.8	3	5.3	WARREN	NC	-86	204	-57	09	52
2	6.1	1	2.5	8*	15.9	WASHINGTON	NC	-59	536	161	92	98
2	2.4	5	4.5	8	6.0	WATAUGA	NC	91	32	152	92	65
11	6.1	16	6.8	10	3.3	WAYNE	NC	13	-52	-46	15	19
9	4.5	12	5.6	17	6.3	WILKES	NC	27	12	42	74	71
11	7.2	8	4.9	11	5.3	WILSON	NC	-32	10	-26	30	52
3	3.3	13*	12.0	2	1.4	YADKIN	NC	267	-89	-58	09	08
3	4.8	6	8.2	4	4.9	YANCEY	NC	72	-40	4	55	43
153	5.6	167	5.3	191	5.1	NORTH DAKOTA	ND	-6	-3	-9		
		1	3.6	2	8.9	ADAMS	ND		146			90
7	8.4	4	4.0	6	4.9	BARNES	ND	-52	22	-42	18	43
3	6.6	1	2.3			BENSON	ND	-66				
1	17.5	2*	30.7	1*	31.3	BILLINGS	ND	75	2	78	84	99
1	1.2	4	6.7	2	3.1	BOTTINEAU	ND	465	-54	159	92	17
1	3.4	1	2.7			BURKE	ND	-22				
10	8.3	16	8.3	15	6.3	BURLEIGH	ND	0	-24	-24	32	71
18	5.6	20	5.6	35*	8.0	CASS	ND	0	44	44	74	86
5	11.6	2	3.8	2	5.1	CAVALIER	ND	-67	34	-56	10	47
1	2.0	2	5.0	2	2.6	DICKEY	ND	157	-48	34	71	13
				2	5.0	DIVIDE	ND					45
		2	9.2			DUNN	ND					
		2	8.1	2	5.9	EDDY	ND		-27			64
2	12.5			3	7.0	EMMONS	ND			-44	16	78
		3	9.9	5*	12.2	FOSTER	ND		23			96
3*	20.1	4*	24.8			GOLDEN VALLEY	ND	23				
5	2.9	16	6.7	15	5.5	GRAND FORKS	ND	128	-17	88	86	57
		1	3.7	2	7.7	GRANT	ND		107			84
2	7.1	2	7.0			GRIGGS	ND	-1				
				3	12.8	HETTINGER	ND					97
		2	7.1	1	5.9	KIDDER	ND		-17			64
2	4.6	5	13.1	5	10.3	LA MOURE	ND	182	-21	122	89	94
2	11.3	2	8.6			LOGAN	ND	-24				
4	7.7	3	5.4	2	3.0	MC HENRY	ND	-30	-45	-62	07	16
2	6.9	1	2.8	1	5.9	MC INTOSH	ND	-60	113	-15	39	63
1	3.4	2	7.4	3	10.1	MC KENZIE	ND	119	37	200	95	94
5	7.7	3	5.1	5	6.0	MC LEAN	ND	-34	18	-23	32	65
3	10.8	2	8.9	2	4.5	MERCER	ND	-18	-50	-59	08	35
3	3.7	4	3.8	2	1.6	MORTON	ND	2	-57	-56	10	09
2	4.7	2	4.4	6*	11.6	MOUNTPAIL	ND	-7	167	149	91	96
2	4.5	2	5.9	2	3.8	NELSON	ND	30	-36	-17	37	25
1	6.3					OLIVER	ND					
1	1.7	1	1.3	2	1.8	PEMBINA	ND	-22	35	5	56	09
4	9.8	1	2.9			PIERCE	ND	-70				
4	6.7	2	2.1	5	6.0	RAMSEY	ND	-69	190	-10	43	66
2	4.0	4	7.7	4	8.9	RANSOM	ND	92	16	122	89	90
2	10.4	1	4.6			RENVILLE	ND	-55				
5	5.1	12*	10.3	6	4.8	RICHLAND	ND	102	-53	-6	48	41
2	8.0	1	3.2	2	4.9	ROLETTE	ND	-60	53	-38	20	44
4	12.3	3	9.0			SARGENT	ND	-27				
1	3.1	1	5.8	1	5.6	SHERIDAN	ND	86	-4	78	84	58
		1	13.5			SLOPE	ND					
5	6.7	2	2.3	6	5.4	STARK	ND	-66	136	-20	34	53
1	3.3	1	5.1	2	7.7	STEELE	ND	54	53	135	91	84
3	2.4	10	7.3	2	1.0	STUTSMAN	ND	201	-86	-57	09	06
2	7.5	1	2.8	5*	16.5	TOWNER	ND	-63	499	119	89	98
3	4.6			5	5.7	TRAILL	ND			24	67	60
3	3.8			5	4.7	WALSH	ND			23	66	39
15	10.2	7	3.2	14	5.0	WARD	ND	-68	56	-50	12	46
3	6.7	3	6.5	3	5.4	WELLS	ND	-3	-17	-19	35	53
7	8.5	5	5.5	3	2.9	WILLIAMS	ND	-35	-47	-66	05	16
2481	5.9	2919	5.9	3175*	5.6	OHIO	OH	0	-6	-6		
5	4.6	8	6.5	6	4.3	ADAMS	OH	41	-34	-7	47	33
29	6.0	40	7.2	38	6.2	ALLEN	OH	21	-14	3	55	69
13	6.2	17	7.1	12	4.2	ASHLAND	OH	14	-41	-33	24	30
22	4.9	27	5.4	30	5.1	ASHTABULA	OH	10	-6	4	55	47
8	3.1	9	3.6	16	5.8	ATHENS	OH	14	63	85	85	62
10	5.2	12	5.2	16	6.0	AUGLAIZE	OH	0	16	16	63	66
17	3.4	27	5.3	31	5.6	BELMONT	OH	54	6	64	81	58
8	5.6	10	5.8	3	1.6	BROWN	OH	3	-72	-72	03	09
33	4.6	54	5.6	65	5.5	BUTLER	OH	21	-1	20	65	56
5	4.5	2	1.8	6	4.6	CARROLL	OH	-59	149	1	53	36
12	7.7	14	8.9	10	5.5	CHAMPAIGN	OH	16	-39	-29	27	55
34	5.9	58*	8.0	56	7.1	CLARK	OH	36	-11	20	65	79
16	5.7	17	4.7	31	6.4	CLERMONT	OH	-19	37	11	60	72
10	6.9	11	6.6	9	4.5	CLINTON	OH	-6	-32	-36	22	35
33	6.2	28	4.7	40	6.2	COLUMBIANA	OH	-24	32	0	53	70
13	7.3	12	6.2	13	6.0	COSHOCTON	OH	-14	-4	-18	37	65
14	6.1	16	6.1	14	4.2	CRAWFORD	OH	0	-31	-31	25	31
422	6.1	468	6.0	452	5.4	CUYAHOGA	OH	-3	-9	-11	42	54
17	6.8	13	4.8	40*	11.4	DARKE	OH	-29	138	68	82	93
10	6.3	8	4.8	17	7.8	DEFIANCE	OH	-24	65	25	67	85
12	7.2	10	4.8	17	6.8	DELAWARE	OH	-34	41	-6	47	76
10	3.4	23	6.6	33*	7.8	ERIE	OH	96	18	130	90	84
19	6.3	17	4.6	23	4.9	FAIRFIELD	OH	-28	6	-23	32	42
11	8.1	9	6.2	16*	9.3	FAYETTE	OH	-23	50	15	62	92
151	5.6	193	5.8	198	5.1	FRANKLIN	OH	4	-12	-9	45	47
13	9.2	13	7.5	5	2.3	FULTON	OH	-18	-69	-75	02	11
5	4.5	13	9.4	6	4.1	GALLIA	OH	109	-57	-9	44	28
9	5.5	16	6.2	18	6.0	GEAUGA	OH	12	-2	10	59	66
19	6.8	17	4.1	24	4.9	GREENE	OH	-39	19	-27	28	43
9	4.1	8	3.2	16	5.4	GUERNSEY	OH	-21	67	32	70	54
241	6.4	251	5.7	279	5.8	HAMILTON	OH	-11	2	-9	45	62

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
17	6.0	7	2.0	20	5.1	HANCOCK OH	-66	150	-15	39	47
8	4.9	11	5.7	11	5.3	HARDIN OH	17	-7	9	59	52
4	3.7	10	8.9	12*	9.0	HARRISON OH	141	1	144	91	90
7	5.1	12	8.1	8	3.7	HENRY OH	59	-55	-28	28	23
17*	9.9	15	8.2	10	4.7	HIGHLAND OH	-18	-42	-53	11	39
6	5.5	4	3.3	11	8.3	HOCKING OH	-39	148	51	76	87
3	3.3	8	7.1	6	4.8	HOLMES OH	113	-32	45	75	41
11	4.5	16	6.3	21	7.3	HURON OH	40	16	62	80	81
5	3.1	11	7.0	12	6.0	JACKSON OH	124	-14	93	86	66
24	5.2	25	5.2	31	5.5	JEFFERSON OH	0	6	6	57	57
16	7.1	9	4.1	11	4.0	KNOX OH	-43	-2	-44	16	27
30	6.2	39	5.2	52	5.8	LAKE OH	-16	11	-7	46	61
18	6.9	13	4.8	17	4.9	LAWRENCE OH	-30	2	-28	28	44
23	5.4	39	7.3	25	3.9	LICKING OH	35	-46	-28	28	26
17	8.5	8	3.6	18	7.1	LOGAN OH	-58	97	-17	37	79
51	6.4	58	5.6	60	4.9	LORAIN OH	-13	-11	-23	32	43
130	6.3	124	5.2	182*	6.6	LUCAS OH	-19	27	4	55	73
8	7.4	9	7.5	5	3.4	MADISON OH	1	-55	-54	10	20
77	6.0	97	6.8	97	5.9	MAHONING OH	13	-14	-2	51	63
19	6.6	13	3.6	14	3.8	MARION OH	-45	4	-43	17	25
15	5.9	21	6.0	24	5.4	MEDINA OH	2	-10	-8	46	54
8	6.6	6	4.5	10	7.1	MEIGS OH	-32	56	7	57	79
11	7.3	7	3.9	16	7.9	MERCER OH	-47	104	9	59	85
23	6.6	23	5.6	21	4.2	MIAMI OH	-15	-25	-36	22	31
5	6.5	8	8.5	8	7.0	MONROE OH	31	-18	8	58	78
116	5.9	136	5.7	144	5.2	MONTGOMERY OH	-4	-9	-12	41	49
2	2.5	3	2.7			MORGAN OH	9				
6	5.9	6	5.7	5	4.2	MORROW OH	-4	-26	-29	27	30
22	5.3	27	5.8	24	4.8	MUSKINGUM OH	10	-18	-10	43	40
1	1.5	5	7.3	6	7.5	NOBLE OH	391	4	408	98	82
9	5.2	11	5.6	14	6.6	OTTAWA OH	7	18	26	68	74
3	4.0	8	9.3	5	5.2	PAULDING OH	132	-44	30	69	50
4	2.8	12	6.9	13	7.4	PERRY OH	150	7	168	93	82
9	6.0	3	1.8	12	5.6	PICKAWAY OH	-70	213	-7	46	59
4	5.7	6	6.8	11	8.4	PIKE OH	20	23	48	75	88
13	4.2	32	7.4	30	5.5	PORTAGE OH	78	-25	33	71	57
10	6.2	10	5.8	4	2.0	PREBLE OH	-6	-66	-68	04	10
11	7.2	12	7.6	15	8.2	PUTNAM OH	7	7	15	62	87
21	4.4	26	4.6	35	5.2	RICHLAND OH	4	14	18	64	49
13	4.8	23	7.7	16	4.8	ROSS OH	62	-37	2	54	41
16	5.9	25	7.3	21	6.1	SANDUSKY OH	23	-16	3	55	68
24	5.8	33	7.1	29	5.6	SCIOTO OH	24	-21	-2	50	59
16	5.3	22	6.8	12	3.0	SENECA OH	28	-56	-43	16	17
11	7.7	10	5.5	16	7.7	SHELBY OH	-28	39	0	53	84
89	5.9	95	5.3	115	5.4	STARK OH	-10	2	-8	46	55
125	6.2	157	6.2	171	6.0	SUMMIT OH	0	-4	-3	49	66
44	5.2	63	6.3	64	5.3	TRUMBULL OH	21	-16	2	54	52
31	7.8	25	6.1	25	4.6	TUSCARAWAS OH	-21	-25	-41	18	38
8	6.3	14*	9.9	5	3.7	UNION OH	57	-62	-41	18	24
7	5.1	17	9.6	7	3.6	VAN WERT OH	91	-63	-29	27	22
5	10.7	4	6.6	3	3.9	VINTON OH	-38	-41	-63	06	26
7	3.1	17	6.2	20	4.8	WARREN OH	98	-22	54	77	41
11	3.5	29*	9.4	23	6.3	WASHINGTON OH	166	-34	76	84	70
24	7.3	24	5.8	28	5.8	WAYNE OH	-21	1	-21	34	62
8	4.9	8	4.3	19*	8.4	WILLIAMS OH	-13	95	69	82	88
21	6.8	26	6.6	27	6.0	WOOD OH	-4	-8	-12	42	66
7	6.2	16*	12.9	14*	8.8	WYANDOT OH	109	-31	43	74	90
613	5.8	828*	6.5	818	5.1	OKLAHOMA OK	12	-21	-11		
2	3.4	5	8.4	7	9.2	ADAIR OK	149	9	170	93	91
6	10.0	7	13.3	1	1.2	ALFALFA OK	33	-91	-88	00	07
4	8.2	2	4.6	5	8.1	ATOKA OK	-44	77	-1	51	86
3	8.7	3	9.2			BEAVER OK	5				
4	3.5	8	4.9	8	5.5	BECKHAM OK	42	12	60	79	57
5	7.4	5	7.8	5	4.6	BLAINE OK	5	-41	-38	20	36
5	3.9	9	5.2	8	3.6	BRYAN OK	33	-29	-6	47	23
10	6.8	10	6.9	8	4.0	CADDO OK	0	-41	-41	18	28
6	4.8	9	6.7	11	4.6	CANADIAN OK	40	-30	-3	50	38
17*	9.5	13	6.0	16	5.9	CARTER OK	-37	-2	-39	20	63
2	3.4	3	3.5	3	2.2	CHEROKEE OK	2	-38	-36	21	11
2	2.3	3	4.0	3	2.5	CHOCTAW OK	73	-37	9	59	13
1	5.6			1	4.1	CIMARRON OK			-26	30	29
9	4.3	18	6.3	27	6.8	CLEVELAND OK	45	9	58	78	77
2	5.1	4	13.3	2	6.5	COAL OK	159	-51	27	68	73
14	6.4	15	5.2	18	4.8	COMANCHE OK	-19	-7	-24	31	41
4	8.0	3	6.4	4	5.5	COTTON OK	-20	-14	-31	25	56
4	4.6	7	7.2	6	4.4	CRAIG OK	58	-39	-4	49	34
11	5.6	16	6.2	19	5.9	CREEK OK	11	-4	6	57	64
5	4.6	6	4.7	5	3.3	CUSTER OK	2	-31	-30	26	19
1	1.3	8	8.8	4	4.5	DELAWARE OK	560	-49	235	96	35
1	2.3	4	12.2	2	7.4	DEWEY OK	420	-39	217	95	82
4	10.8	4	9.4			ELLIS OK	-13				
15	5.2	15	5.0	17	3.7	GARFIELD OK	-4	-26	-29	27	24
4	2.8	15	9.6	9	5.4	GARVIN OK	244	-44	93	86	53
6	3.2	11	6.1	8	3.1	GRADY OK	92	-50	-3	49	17
2	3.2	6	13.7			GRANT OK	334				
3	4.5	4	4.4	6	8.3	GREER OK	-1	87	86	85	87
5*	13.2	7*	13.8	3	9.0	HARMON OK	5	-35	-32	25	90
3	5.7	4	5.6	2	2.1	HASKELL OK	-3	-62	-63	06	10
6	6.0	12*	15.2	8	6.1	HUGHES OK	152	-60	2	54	68
7	6.6	7	4.9	7	4.2	JACKSON OK	-26	-14	-36	22	31
5	7.9	5	6.1	6	7.0	JEFFERSON OK	-23	14	-11	42	78
3	6.3			4	6.1	JOHNSTON OK			-3	49	67
11	4.4	18	6.5	19	5.5	KAY OK	46	-15	25	67	57
3	5.0	2	3.1	2	2.6	KINGFISHER OK	-38	-16	-47	14	14
6	7.5	7	6.6	8	5.2	KIOWA OK	-12	-21	-31	26	49
2	5.1	3	6.4	2	4.5	LATIMER OK	25	-29	-12	41	36
3	1.8	13	7.4	15	6.1	LE FLORE OK	316	-18	242	96	67
7	6.6	11	10.4	3	1.6	LINCOLN OK	58	-84	-75	02	09
6	6.6	8	5.8	8	5.5	LOGAN OK	-11	-5	-16	38	56

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
1	3.4					LOVE	OK					
3	4.5	6	7.5	5	4.9	MC CLAIN	OK	66	-35	8	58	43
5	4.5	8	6.5	13	7.7	MC CURTAIN	OK	44	19	71	82	83
5	7.5	5	8.2	2	1.5	MC INTOSH	OK	9	-81	-79	01	08
3	6.1	2	4.6	1	2.5	MAJOR	OK	-24	-45	-58	09	13
1	2.4	3	4.3	2	2.1	MARSHALL	OK	75	-51	-14	39	10
		6	5.2	13	8.5	MAYES	OK		63			88
1	2.0	3	3.4	5	8.1	MURRAY	OK	76	137	317	97	86
18	7.3	24	8.3	23	6.6	MUSKOGEE	OK	13	-20	-10	43	74
3	5.0	3	4.7	4	4.3	NOBLE	OK	-5	-9	-14	40	32
5	9.0	3	3.8	3	4.6	NOWATA	OK	-58	22	-49	13	37
3	5.0	2	2.6	1	1.1	OKFUSKEE	OK	-48	-56	-77	01	07
117*	7.4	145	6.6	143	5.4	OKLAHOMA	OK	-10	-19	-27	29	53
10	5.4	10	4.6	12	5.1	OKMULGEE	OK	-15	12	-5	48	47
7	4.6	15	8.7	11	5.1	OSAGE	OK	89	-41	11	60	47
8	5.5	18*	9.8	13	6.8	OTTAWA	OK	77	-31	23	66	77
3	4.2	3	4.9	3	3.7	PAWNEE	OK	18	-25	-12	42	23
14	6.7	16	6.6	15	4.7	PAYNE	OK	-1	-30	-30	26	39
9	5.1	20*	9.3	15	5.7	PITTSBURG	OK	83	-39	11	60	59
13	8.3	10	5.4	10	6.2	PONTOTOC	OK	-34	14	-25	31	70
15	6.5	21	7.8	8	1.9	POTTAWATOMIE	OK	20	-76	-71	03	10
1	1.6	3	4.3	9*	9.8	PUSHMATAHA	OK	173	129	523	99	93
5*	15.5	2	9.3	1	3.6	ROGER MILLS	OK	-40	-61	-77	02	22
7	7.4	4	3.3	11	6.1	ROGERS	OK	-55	82	-18	37	67
8	5.4	14	8.5	4	1.7	SEMINOLE	OK	57	-80	-68	04	09
5	6.3	10	8.8	8	5.2	SEQUOYAH	OK	39	-41	-17	37	50
7	4.0	21*	9.2	20	7.5	STEPHENS	OK	132	-19	88	86	82
2	3.5	4	5.6	5	5.8	TEXAS	OK	61	3	66	81	62
5	6.0	6	7.8	6	7.1	TILLMAN	OK	29	-9	18	64	79
78	6.2	99	6.0	123	5.8	TULSA	OK	-4	-3	-7	46	61
4	6.1	4	4.3	8	6.0	WAGONER	OK	-29	39	-1	51	66
9	5.2	12	5.2	15	4.9	WASHINGTON	OK	0	-7	-7	47	43
6	7.0	6	5.8	3	4.2	WASHITA	OK	-17	-28	-40	19	30
8	10.2	6	8.6	6	6.7	WOODS	OK	-15	-22	-34	23	75
5	6.5	4	4.4	7	7.1	WOODWARD	OK	-31	60	10	60	79
477	5.8	618	5.9	717	5.2	OREGON	OR	2	-12	-10		
7	7.7	8	7.1	5	4.2	BAKER	OR	-7	-41	-45	15	31
12	8.5	7	3.5	10	3.9	BENTON	OR	-59	10	-55	10	26
22	4.8	40	5.7	48	4.4	CLACKAMAS	OR	20	-23	-7	46	34
7	4.4	14	7.5	13	6.5	CLATSOP	OR	70	-13	47	75	73
7	6.6	8	6.8	10	5.5	COLUMBIA	OR	4	-19	-16	38	56
14	5.9	17	6.8	14	4.1	COOS	OR	15	-39	-30	26	29
2	6.4			2	3.0	CROOK	OR			-54	10	16
1	2.6	1	1.5	5	5.1	CURRY	OR	-43	246	98	87	47
8	7.6	5	3.4	6	2.5	DESCHUTES	OR	-56	-27	-68	04	12
19	6.7	17	5.4	25	6.1	DOUGLAS	OR	-19	13	-8	45	68
		2	13.8	2	16.1	GILLIAM	OR		17			98
		1	2.5	4	8.6	GRANT	OR		240			89
1	4.5	2	6.4	2	5.2	HARNEY	OR	40	-18	14	62	49
2	3.0	3	4.1	4	4.8	HOOD RIVER	OR	39	16	61	80	40
20	5.7	25	5.5	37	5.8	JACKSON	OR	-4	6	2	54	61
2	9.7			1	3.2	JEFFERSON	OR			-67	05	18
8	5.5	11	5.3	15	4.5	JOSEPHINE	OR	-5	-15	-20	35	35
9	5.1	13	6.6	10	3.7	KLAMATH	OR	31	-44	-27	29	24
		1	5.7	1	3.2	LAKE	OR		-44			18
32	5.1	58	6.6	51	4.2	LANE	OR	31	-37	-18	37	30
7	5.9	8	5.2	12	5.2	LINCOLN	OR	-11	-1	-12	42	49
14	6.0	20	6.2	27	6.1	LINN	OR	2	-2	0	53	67
6	5.6	3	2.5	5	3.3	MALHEUR	OR	-55	31	-42	18	19
35	5.9	56	6.8	54	4.7	MARION	OR	16	-32	-21	34	39
		1	2.9	2	5.7	MORROW	OR		97			60
164	6.1	210	6.5	224	5.9	MULTNOMAH	OR	6	-9	-4	49	63
7	5.4	7	4.2	8	3.2	POLK	OR	-23	-24	-41	18	18
1	6.1	1	7.0	1	9.6	SHERMAN	OR	14	36	56	78	92
5	6.9	3	2.8	6	5.5	TILLAMOOK	OR	-60	98	-21	34	56
14	6.8	14	5.7	22	7.7	UMATILLA	OR	-15	33	13	61	83
8	8.2	5	3.8	10	8.6	UNION	OR	-53	125	5	56	89
3	8.6	1	2.8	6*	14.3	WALLOWA	OR	-67	409	66	81	97
6	6.9	8	7.0	6	4.4	WASCO	OR	1	-36	-36	22	34
26	7.3	39	6.8	55	6.0	WASHINGTON	OR	-7	-11	-17	37	66
		1	13.5	1	8.0	WHEELER	OR		-41			86
8	4.3	8	3.4	13	4.5	YAMHILL	OR	-19	31	6	57	36
3003	5.6	3542	5.9	3608	5.2	PENNSYLVANIA	PA	4	-11	-8		
14	5.4	17	6.1	25	6.8	ADAMS	PA	14	10	25	67	75
416	5.6	476	5.7	518	5.6	ALLEGHENY	PA	2	-2	0	52	57
23	6.1	20	4.7	28	5.7	ARMSTRONG	PA	-23	23	-6	48	60
44	5.4	62	6.4	64	5.7	BEAVER	PA	17	-11	4	56	60
12	6.1	15	6.7	13	4.9	BEDFORD	PA	10	-27	-19	35	43
81	5.8	96	5.7	103	5.3	BERKS	PA	-1	-8	-9	45	51
46	6.1	42	4.9	55	6.1	BLAIR	PA	-20	25	-1	52	67
15	5.2	9	2.6	22	5.6	BRADFORD	PA	-49	113	8	58	59
41	4.5	90	5.6	122	5.9	BUCKS	PA	25	5	31	70	63
30	5.9	39	6.2	46	6.0	BUTLER	PA	6	-4	2	54	66
38	3.8	66	6.1	58	4.9	CAMBRIA	PA	63	-19	32	70	44
		1	2.4			CAMERON	PA					
31*	11.2	20	6.6	25	6.5	CARBON	PA	-41	-1	-42	17	73
19	6.3	14	3.6	12	2.7	CENTRE	PA	-42	-25	-56	10	14
47	5.6	57	5.1	70	4.8	CHESTER	PA	-8	-6	-13	40	41
9	4.7	11	5.1	15	6.5	CLARION	PA	7	29	38	72	73
30	7.1	31	6.8	29	5.4	CLEARFIELD	PA	-4	-20	-23	32	54
9	5.3	7	3.6	21*	9.1	CLINTON	PA	-32	155	73	83	91
14	4.8	22	7.3	18	5.0	COLUMBIA	PA	51	-31	4	55	46
19	4.5	31	6.7	25	4.7	CRAWFORD	PA	49	-30	5	56	39
37	6.9	40	5.7	49	5.2	CUMBERLAND	PA	-18	-8	-24	31	50
52	5.0	57	4.8	71	5.1	DAUPHIN	PA	-4	6	2	54	47
116	5.2	165	5.7	168	4.9	DELAWARE	PA	10	-14	-5	48	43
12	6.8	12	6.5	14	6.2	ELK	PA	-5	-5	-9	45	69

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
65	5.6	103*	7.6	92	6.0	ERIE	PA	37	-21	8	58	66
44	5.2	42	4.9	53	5.6	FAYETTE	PA	-6	14	8	58	58
		2	7.4	2	6.7	FOREST	PA		-9			75
17	4.4	32	6.3	43	7.0	FRANKLIN	PA	46	10	61	80	78
3	6.5	5	9.0	3	4.9	FULTON	PA	38	-46	-25	31	42
14	6.2	15	6.5	14	5.6	GREENE	PA	5	-14	-10	44	59
7	3.5	14	7.0	17	6.7	HUNTINGDON	PA	99	-4	91	86	74
16	4.4	24	5.8	19	3.8	INDIANA	PA	33	-35	-13	40	25
24*	9.4	19	6.5	19	5.3	JEFFERSON	PA	-31	-18	-43	16	52
3	3.8	7	8.1	3	2.1	JUNIATA	PA	112	-75	-46	15	10
73	5.4	84	5.5	73	4.4	LACKAWANNA	PA	1	-20	-19	35	34
77	5.7	96	5.8	98	4.7	LANCASTER	PA	2	-20	-18	36	38
35	6.5	24	4.0	39	5.9	LAWRENCE	PA	-39	47	-10	44	63
23	5.3	29	5.5	31	4.9	LEBANON	PA	4	-11	-8	46	43
54	4.9	72	5.4	84	5.0	LEHIGH	PA	11	-7	2	54	46
104	5.2	115	5.2	129	5.0	LUZERNE	PA	1	-4	-3	49	45
39	6.9	60*	9.0	34	4.4	LYCOMING	PA	32	-51	-35	22	34
17	5.8	24	7.4	17	4.6	MC KEAN	PA	27	-38	-20	34	38
37	6.3	35	5.2	39	5.1	MERCER	PA	-17	-3	-19	36	46
13	5.6	18	7.4	13	4.5	MIFFLIN	PA	33	-39	-19	35	35
4	2.3	19	7.3	24	6.3	MONROE	PA	224	-15	177	94	70
134	6.1	176	5.8	189	4.9	MONTGOMERY	PA	-5	-15	-20	35	44
6	5.4	2	2.0	5	3.8	MONTOUR	PA	-62	86	-29	27	25
56	5.6	60	5.0	72	5.5	NORTHAMPTON	PA	-10	10	-1	51	56
30	5.1	39	5.9	27	3.7	NORTHUMBERLAND	PA	15	-37	-27	29	24
6	4.5	12	8.1	12	6.8	PERRY	PA	79	-16	49	76	75
587*	6.5	591*	6.7	466	5.3	PHILADELPHIA	PA	4	-21	-18	36	51
2	3.5	4	5.8	7	6.6	PIKE	PA	68	14	92	86	74
3	3.0	6	6.1	5	3.9	POTTER	PA	102	-35	31	70	27
46	5.0	52	5.0	50	4.5	SCHUYLKILL	PA	0	-10	-10	44	36
6	5.2	15*	10.5	11	6.9	SNYDER	PA	104	-35	33	71	77
27	6.7	21	4.9	19	4.0	SOMERSET	PA	-27	-18	-40	19	27
4	11.7	3	8.5	2	4.5	SULLIVAN	PA	-28	-47	-62	07	35
7	3.8	17	8.4	12	4.7	SUSQUEHANNA	PA	122	-44	24	67	39
6	3.2	22*	9.8	13	5.3	TIOGA	PA	208	-46	65	81	50
6	4.6	4	3.1	5	2.6	UNION	PA	-34	-15	-44	16	13
13	3.6	21	6.0	20	5.0	VENANGO	PA	66	-16	39	73	45
9	3.2	15	5.6	19	6.6	WARREN	PA	72	18	104	87	73
52	5.4	72	6.5	73	5.9	WASHINGTON	PA	19	-9	8	58	64
8	4.4	12	6.4	7	2.8	WAYNE	PA	44	-56	-36	21	15
86	5.3	84	4.6	98	4.2	WESTMORELAND	PA	-13	-7	-19	35	31
9	8.9	3	2.2	8	6.5	WYOMING	PA	-75	197	-27	29	72
74	6.7	72	5.4	71	4.1	YORK	PA	-19	-23	-38	20	29
223	5.0	295	5.7	293	4.7	RHODE ISLAND	RI	14	-17	-6		
8	4.1	12	5.5	9	3.5	BRISTOL	RI	36	-37	-15	39	21
29	6.3	32	5.0	35	4.0	KENT	RI	-21	-20	-37	21	27
13	4.6	22	5.8	17	3.9	NEWPORT	RI	27	-32	-14	40	26
164	5.1	207	5.8	205	5.0	PROVIDENCE	RI	14	-15	-3	50	45
9	3.6	22	6.5	27	6.2	WASHINGTON	RI	81	-5	72	82	69
323	5.3	458	6.0	509	5.0	SOUTH CAROLINA	SC	14	-17	-6		
5	6.2	5	6.1	8	7.5	ABBEVILLE	SC	-1	22	21	65	82
13	6.1	18	6.6	13	3.5	AIKEN	SC	8	-47	-43	17	21
		1	2.6	3	10.8	ALLENDALE	SC		323			95
17	4.3	22	5.4	22	3.9	ANDERSON	SC	27	-28	-8	45	27
1	2.6	3	7.6	5	8.8	BAMBERG	SC	191	16	237	96	89
		1	2.1	3	5.6	BARNWELL	SC		163			58
5	8.7	8	9.2	8	5.3	BEAUFORT	SC	6	-43	-39	19	51
1	1.4	6	5.2	5	2.1	BERKELEY	SC	274	-60	48	75	10
1	4.1			4	12.4	CALHOUN	SC			202	95	96
26	5.3	44	7.3	34	4.4	CHARLESTON	SC	38	-40	-17	37	34
10	7.3	8	5.3	9	4.6	CHEROKEE	SC	-27	-14	-38	20	37
4	4.3	7	6.6	2	1.5	CHESTER	SC	54	-77	-64	06	08
9	9.2	7	6.4	7	5.4	CHESTERFIELD	SC	-31	-16	-42	17	53
1	2.2	4	7.8	2	3.5	CLARENDON	SC	252	-55	59	79	21
2	2.9	7	9.4	2	1.9	COLLETON	SC	223	-80	-35	23	10
4	2.5	10	6.8	11	5.6	DARLINGTON	SC	175	-18	127	90	58
3	3.7	3	4.1	2	2.2	DILLON	SC	11	-47	-42	18	11
4	7.4	5	6.2	3	2.4	DORCHESTER	SC	-16	-60	-67	05	12
2	5.3	1	2.2	2	3.8	EDGEFIELD	SC	-59	72	-29	27	25
2	8.7	2	4.2	4	6.2	FAIRFIELD	SC	-52	48	-29	28	69
13	5.6	16	6.6	18	5.8	FLORENCE	SC	16	-12	2	54	61
7	9.0	8	11.9	4	3.3	GEORGETOWN	SC	31	-72	-63	06	19
28	4.1	55	6.3	68	5.9	GREENVILLE	SC	53	-6	44	74	64
11	10.2	6	3.7	12	5.1	GREENWOOD	SC	-63	35	-50	12	46
3	7.1	2	4.6	4	7.1	HAMPTON	SC	-35	55	0	53	79
14	8.9	7	3.3	17	5.1	HORRY	SC	-63	53	-43	17	46
4	5.2	6	5.4	12*	9.2	KERSHAW	SC	4	69	76	83	91
8	7.0	10	6.3	9	4.8	LANCASTER	SC	-10	-24	-32	25	41
4	2.4	5	3.2	12	5.2	LAURENS	SC	30	64	114	88	49
3	7.4	3	7.3	1	1.8	LEE	SC	-2	-75	-75	02	09
10	5.3	11	4.3	16	3.3	LEXINGTON	SC	-19	-23	-37	21	19
		1	5.9	2	7.5	MC CORMICK	SC		28			82
4	5.2	8	11.3	6	6.8	MARION	SC	118	-40	31	70	76
3	4.3	6	8.1	7	7.7	MARLBORO	SC	89	-5	80	84	84
7	6.7	7	6.2	7	4.5	NEWBERRY	SC	-8	-28	-33	24	35
5	3.3	14	8.4	10	4.2	OCONEE	SC	156	-50	29	69	31
3	2.2	8	4.8	15	7.2	ORANGEBURG	SC	120	50	231	96	79
9	5.7	6	2.9	15	5.4	PICKENS	SC	-49	89	-4	49	55
32	7.2	38	6.2	40	5.1	RICHLAND	SC	-14	-17	-29	28	48
1	1.8	2	3.4	3	3.3	SALUDA	SC	93	-4	85	85	19
27	6.0	41	6.3	42	5.4	SPARTANBURG	SC	6	-16	-11	43	53
3	2.7	7	4.1	6	3.3	SUMTER	SC	50	-19	22	66	19
5	5.6	8	7.2	6	4.5	UNION	SC	29	-37	-19	35	36
2	2.1	8*	12.2	7	8.1	WILLIAMSBURG	SC	475	-34	281	97	86
7	3.5	13	4.9	21	5.6	YORK	SC	41	15	61	80	58

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
184	5.9	233	6.5	219	5.1	SOUTH DAKOTA SD	10	-21	-13		
1	3.9	4*	14.9	4*	10.1	AURORA SD	288	-32	162	93	93
6	6.3	7	5.3	7	5.3	BEADLE SD	-15	1	-15	39	52
		1	8.4			BENNETT SD					
3	5.3	6	11.8	7	13.0	BON HOMME SD	124	10	147	91	97
6	6.7	2	2.0	5	4.0	BROOKINGS SD	-71	100	-41	18	27
8	5.0	11	5.9	5	2.5	BROWN SD	18	-58	-50	12	12
		3	10.9	2	5.8	BRULE SD		-47			61
2	5.3	1	2.0			BUTTE SD	-62				
1	3.8	1	7.2			CAMPBELL SD	89				
3	5.0	4	6.3	2	3.5	CHARLES MIX SD	27	-45	-30	26	21
2	5.3	2	4.9	1	2.8	CLARK SD	-7	-43	-47	14	15
2	3.8	3	4.8	7	12.7	CLAY SD	26	166	235	96	97
6	6.1	12	10.1	10	6.0	CODINGTON SD	65	-41	-2	50	65
1	7.5	2	10.5	1	6.6	COPSON SD	40	-37	-12	42	74
3	13.0	3	11.1	1	2.7	CUSTER SD	-14	-76	-79	01	14
11*	11.5	8	6.2	11	8.1	DAVISON SD	-46	31	-30	26	86
2	3.9	3	4.6	3	5.3	DAY SD	18	14	34	71	50
1	2.8	3	8.0	4	8.2	DEUEL SD	185	2	192	94	87
1	4.3	3*	25.3			DEWEY SD	487				
1	3.5	2	6.4			DOUGLAS SD	85				
1	4.0	3	9.4	2	4.2	EDMUNDS SD	134	-55	5	56	31
2	4.6			3	8.2	FALL RIVER SD			78	84	87
4*	22.2	3	18.8	4*	21.9	FAULK SD	-15	16	-1	51	99
4	7.1	4	5.7	1	1.8	GRANT SD	-19	-68	-74	02	09
4	10.4	4	10.1	3	7.1	GREGORY SD	-4	-29	-32	25	79
		1	6.9			HAAKON SD					
3	9.3	5	13.4	1	1.2	HAMLIN SD	43	-91	-87	00	07
		4	12.5	2	4.6	HAND SD		-63			38
3	12.4			3	12.1	HANSON SD			-2	50	96
3	6.1	7*	12.5	2	2.6	HUGHES SD	106	-79	-57	09	14
4	6.8	2	2.4	5	6.0	HUTCHINSON SD	-65	150	-12	41	65
2	18.8	1	6.1	1	$.6	HYDE SD	-68	-8	-70	04	59
		1	7.0			JACKSON SD					
		1	6.0	2	4.7	JERAULD SD		-22			39
1	8.6			1	11.9	JONES SD			38	72	96
3	5.8	5	8.9	2	2.3	KINGSBURY SD	53	-74	-60	08	12
2	3.3	4	5.0	5	5.8	LAKE SD	52	16	77	84	61
4	5.0	4	3.9	9	6.4	LAWRENCE SD	-21	63	29	69	72
3	4.5	3	5.5	4	4.0	LINCOLN SD	23	-26	-10	44	28
3*	17.3	1	5.4	1	4.5	LYMAN SD	-69	-16	-74	03	36
2	4.3	1	1.7	3	6.5	MC COOK SD	-60	281	53	77	72
2	9.1					MC PHERSON SD					
4	12.7	4	9.5	5*	13.1	MARSHALL SD	-25	38	4	55	97
3	5.8	1	1.8	4	5.8	MEADE SD	-69	219	0	52	63
1	14.4	1	20.2			MELLETTE SD	40				
2	7.3	2	5.5			MINER SD	-25				
24	6.3	26	5.5	32	5.6	MINNEHAHA SD	-12	2	-11	43	58
3	6.3	2	3.8	3	4.0	MOODY SD	-40	6	-36	21	28
10	5.9	19	7.5	15	5.3	PENNINGTON SD	27	-29	-10	44	52
2	7.1			1	2.6	PERKINS SD			-64	06	13
		3	12.1	1	2.0	POTTER SD		-83			10
1	1.8	2	2.5	5	6.0	ROBERTS SD	39	138	231	96	65
		2	9.7	2	5.8	SANBORN SD		-40			62
6	8.9	8*	12.1	4	3.7	SPINK SD	36	-70	-59	08	23
		1	8.1			STANLEY SD					
				2*	30.1	TODD SD					99
2	4.5	8*	17.5	6*	9.4	TRIPP SD	291	-46	110	88	92
9*	12.4	8	10.5	5	3.8	TURNER SD	-15	-63	-69	04	25
3	5.4	4	6.4	1	.7	UNION SD	18	-89	-87	00	06
2	5.2	4	10.2	4	6.9	WALWORTH SD	94	-32	32	70	78
2	1.8	3	2.8	5	4.6	YANKTON SD	52	64	149	91	37
726	5.3	974	5.9	1094	5.3	TENNESSEE TN	12	-11	0		
20*	7.3	12	4.9	23	6.5	ANDERSON TN	-32	33	-10	43	73
4	3.7	8	6.2	6	4.0	BEDFORD TN	69	-35	10	60	28
2	4.8	3	4.8	4	4.4	BENTON TN	-1	-8	-9	44	34
1	3.0	6*	16.1	3	6.7	BLEDSOE TN	429	-59	119	89	74
12	5.0	16	5.3	13	3.4	BLOUNT TN	6	-36	-32	25	20
7	4.9	13	7.0	17	6.4	BRADLEY TN	41	-8	30	69	72
8	5.0	11	7.6	11	5.7	CAMPBELL TN	52	-24	15	62	61
2	4.3	3	5.5	6	9.4	CANNON TN	27	72	119	89	92
5	4.1	6	4.3	12	6.8	CARROLL TN	4	60	66	81	76
8	4.4	12	5.8	12	4.4	CARTER TN	32	-25	0	52	34
3	7.0	3	6.2	6	7.6	CHEATHAM TN	-12	22	8	58	83
1	2.3	4	8.4	3	4.6	CHESTER TN	265	-45	102	87	38
3	2.3	8	8.1	9	7.4	CLAIBORNE TN	250	-9	218	95	81
1	1.9	1	2.4	2	4.0	CLAY TN	28	63	109	88	27
7	6.0	4	3.4	6	4.6	COCKE TN	-44	38	-22	33	38
10	8.0	14*	10.2	11	5.9	COFFEE TN	27	-42	-27	29	64
7	11.6	5	6.6	7	8.6	CROCKETT TN	-43	30	-26	30	89
2	2.4	6	6.2	7	5.0	CUMBERLAND TN	156	-20	104	87	45
73	5.2	111	6.2	113	5.2	DAVIDSON TN	19	-17	-1	52	49
3	6.8			4	7.4	DECATUR TN			9	59	81
		2	3.0	5	5.1	DE KALB TN		70			48
2	2.4	6	5.5	8	4.9	DICKSON TN	132	-11	108	88	42
5	3.3	7	4.7	8	4.2	DYER TN	42	-11	27	68	30
1	2.6	3	7.0	4	6.8	FAYETTE TN	168	-2	162	93	76
2	3.0	7	10.7	2	2.7	FENTRESS TN	251	-75	-12	41	14
7	6.8	6	4.6	6	4.3	FRANKLIN TN	-33	-6	-37	21	32
7	3.2	15	6.0	13	4.0	GIBSON TN	85	-33	24	67	27
4	3.8	7	6.0	4	2.5	GILES TN	57	-58	-35	23	13
1	1.6	1	1.6	2	2.2	GRAINGER TN	-1	35	34	71	11
9	4.8	12	5.5	10	3.8	GREENE TN	15	-31	-21	34	25
2	3.7	4	6.4	4	5.3	GRUNDY TN	76	-17	46	75	52
6	4.7	6	3.5	13	6.2	HAMBLEN TN	-26	77	32	70	70
59	6.7	47	4.5	63	5.1	HAMILTON TN	-33	13	-24	32	47
2	4.5	1	2.7	1	2.5	HANCOCK TN	-39	-9	-45	15	12

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
5	6.1	3	2.6	6	5.5	HARDEMAN	TN	-58	114	-9	44	56
4	5.4	3	3.7	16*	12.3	HARDIN	TN	-31	235	130	90	96
3	2.3	7	4.6	13	6.2	HAWKINS	TN	102	35	173	93	68
3	6.1	3	5.2	2	2.2	HAYWOOD	TN	-15	-58	-64	06	11
1	1.1	3	3.5	9	7.3	HENDERSON	TN	223	109	575	99	81
9	7.7	10	8.3	7	3.6	HENRY	TN	8	-57	-54	11	22
5	7.8	4	6.8	8	10.0	HICKMAN	TN	-13	46	27	68	93
		1	2.8	1	1.7	HOUSTON	TN		-38			09
1	1.8	9*	13.9	6	7.1	HUMPHREYS	TN	695	-49	303	97	79
1	1.9	4	6.7	2	2.9	JACKSON	TN	253	-56	54	77	16
6	6.6	9	8.6	8	5.4	JEFFERSON	TN	31	-37	-17	37	55
1	1.7	3	5.0	3	4.0	JOHNSON	TN	190	-20	132	90	28
63	6.4	77	6.0	70	4.3	KNOX	TN	-6	-28	-33	24	32
2	7.0	1	3.0	6*	14.7	LAKE	TN	-58	391	109	88	98
8	10.6	5	6.1	13*	12.9	LAUDERDALE	TN	-42	110	22	66	97
11	7.7	15*	10.0	6	3.3	LAWRENCE	TN	30	-67	-57	09	19
3	11.1	2	5.7	4	7.9	LEWIS	TN	-49	39	-29	27	85
5	4.5	9	7.1	4	2.6	LINCOLN	TN	56	-64	-43	16	13
7	6.8	12	10.0	8	4.5	LOUDON	TN	46	-54	-33	23	36
3	2.2	10	5.9	3	1.4	MC MINN	TN	163	-76	-38	20	08
5	6.1	10	10.0	8	7.5	MC NAIRY	TN	63	-25	23	66	82
2	3.3	5	7.4	1	.7	MACON	TN	123	-90	-78	01	06
14	6.2	19	7.0	10	3.1	MADISON	TN	13	-56	-51	12	17
6	7.4	6	6.5	11*	9.7	MARION	TN	-13	50	30	69	93
6	7.2	5	5.4	4	2.6	MARSHALL	TN	-25	-52	-64	05	13
4	2.6	16	8.7	7	3.0	MAURY	TN	238	-66	14	62	16
1	5.6			1	3.7	MEIGS	TN			-33	24	24
8	6.7	2	1.7	3	2.5	MONROE	TN	-74	47	-62	07	12
4	2.6	6	3.0	13	5.0	MONTGOMERY	TN	14	67	90	86	46
3*	16.2	2	10.7	2	9.9	MOORE	TN	-34	-7	-39	20	93
5	7.0	5	7.7	8	11.6	MORGAN	TN	10	52	67	81	96
3	2.0	5	2.5	5	2.1	OBION	TN	25	-14	8	58	11
4	4.8	5	5.9	5	4.5	OVERTON	TN	24	-25	-6	47	35
1	2.9			3	6.2	PERRY	TN			109	88	68
4*	15.5	3	15.6	1	2.6	PICKETT	TN	0	-83	-83	01	13
4	7.0	6	9.5	4	5.4	POLK	TN	34	-43	-23	32	54
8	5.1	10	6.1	9	4.0	PUTNAM	TN	19	-34	-22	33	27
3	4.0	5	5.9	8	7.8	RHEA	TN	47	33	95	86	84
8	5.2	12	7.6	19	8.6	ROANE	TN	46	13	65	81	89
5	4.3	13	9.0	9	6.0	ROBERTSON	TN	112	-33	41	73	66
3	1.6	13	5.6	16	5.1	RUTHERFORD	TN	248	-10	214	95	47
5	7.5	3	3.8	3	3.3	SCOTT	TN	-50	-14	-56	10	19
		2	6.8	1	3.0	SEQUATCHIE	TN		-55			17
8	8.0	6	4.4	7	4.2	SEVIER	TN	-45	-6	-48	14	30
105	6.4	138	6.5	176*	7.1	SHELBY	TN	1	9	10	60	79
4	5.5	2	3.0	8	7.9	SMITH	TN	-46	163	43	74	85
		4	10.4	2	2.9	STEWART	TN		-73			15
22	5.0	28	5.0	34	4.9	SULLIVAN	TN	-1	-2	-3	50	42
8	5.8	10	4.4	10	3.2	SUMNER	TN	-24	-27	-45	15	18
2	2.4	7	7.7	8	6.8	TIPTON	TN	219	-12	180	94	76
1	5.9					TROUSDALE	TN					
3	5.0	2	2.5	6	7.0	UNICOI	TN	-50	177	38	72	78
6*	16.0	3	6.6	4	7.3	UNION	TN	-59	10	-54	10	81
		1	4.9			VAN BUREN	TN					
4	3.6	9	6.8	10	5.7	WARREN	TN	88	-15	59	79	61
17	6.3	19	5.6	17	4.3	WASHINGTON	TN	-12	-24	-33	24	32
2	3.6	1	1.5	4	5.6	WAYNE	TN	-60	282	54	77	57
6	3.9	6	4.2	11	5.9	WEAKLEY	TN	8	39	51	76	63
2	2.6	7	8.4	5	4.7	WHITE	TN	218	-44	77	84	39
2	2.0	9	6.6	12	5.8	WILLIAMSON	TN	234	-11	197	95	63
1	.9	9	5.7	16	7.7	WILSON	TN	523	34	733	99	83
1884	5.5	2767*	6.2	3163	5.6	TEXAS	TX	14	-11	1		
4	3.0	8	6.6	7	3.9	ANDERSON	TX	119	-40	30	69	27
		5	8.9	3	6.1	ANDREWS	TX		-32			67
12	8.2	13	6.4	7	2.4	ANGELINA	TX	-21	-63	-71	03	12
1	3.6	2	7.3	2	2.2	ARANSAS	TX	103	-70	-39	19	11
1	3.9	1	2.8	3	5.2	ARCHER	TX	-28	89	35	72	49
2	19.8	2	8.5	2	11.5	ARMSTRONG	TX	-57	36	-42	17	95
7	7.0	9	9.0	10	7.8	ATASCOSA	TX	27	-13	10	60	84
2	4.1	5	4.3	7	4.1	AUSTIN	TX	5	-4	1	53	29
3	7.4	3	10.1	4	9.1	BAILEY	TX	37	-10	24	67	91
1	3.4	2	5.6			BANDERA	TX	66				
11*	14.1	5	5.3	6	4.2	BASTROP	TX	-62	-21	-70	03	30
2	5.2	1	2.6	3	4.9	BAYLOR	TX	-50	89	-6	47	43
5	6.1	6	5.8	6	5.3	BEE	TX	-6	-7	-12	41	52
14	4.8	26	6.5	26	5.1	BELL	TX	36	-22	6	57	47
136	5.5	180	5.5	215	5.4	BEXAR	TX	-1	-2	-3	50	53
1	2.9	2	4.6	9*	26.0	BLANCO	TX	61	463	808	99	99
2	2.4	6	4.8	1	.6	BOSQUE	TX	104	-87	-74	02	06
18	7.9	14	4.9	20	5.0	BOWIE	TX	-38	2	-36	21	45
13	7.4	21	7.1	28	6.2	BRAZORIA	TX	-4	-13	-17	37	68
8	5.5	7	3.8	6	2.6	BRAZOS	TX	-30	-34	-54	11	13
		2	6.8	1	2.3	BREWSTER	TX		-65			12
		2	16.0	2	8.4	BRISCOE	TX		-47			88
1	2.2	1	2.5	3	7.1	BROOKS	TX	14	180	218	95	79
12	7.8	12	6.3	11	5.5	BROWN	TX	-19	-12	-29	27	56
3	5.8	6	9.0	1	1.3	BURLESON	TX	54	-85	-77	01	07
2	3.3	12*	14.2	7	4.4	BURNET	TX	330	-69	34	71	34
5	5.4	5	5.9	11	8.5	CALDWELL	TX	10	44	58	78	88
2	2.5	5	9.6	3	4.8	CALHOUN	TX	290	-50	96	87	41
4	7.3	7	12.0	5	7.1	CALLAHAN	TX	64	-41	-3	50	79
19	3.5	39	6.1	36	4.6	CAMERON	TX	77	-24	34	71	38
1	3.3	3	8.3	3	8.5	CAMP	TX	149	2	154	92	88
1	3.4	3	10.0			CARSON	TX	189				
8	8.1	2	1.5	5	4.4	CASS	TX	-81	185	-46	15	34
				3	7.8	CASTRO	TX					84
2	7.4	1	2.0	4	6.7	CHAMBERS	TX	-72	232	-9	45	75
6	4.3	9	5.2	17	6.8	CHEROKEE	TX	21	32	60	79	76
6	11.7	1	1.5	4	9.0	CHILDRESS	TX	-88	517	-23	32	90

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4.203.1.204-208

COUNTY AND STATE	1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
CLAY TX	2	3.9	3	3.8	6	7.2	-4	89	83	85	80
COCHRAN TX	4*	25.4			2	9.6			-62	07	92
COKE TX	2	9.7			4*	14.3			48	75	97
COLEMAN TX	4	4.7	3	2.3	5	5.9	-51	159	26	68	64
COLLIN TX	16	7.0	25*	8.2	33	7.1	17	-14	1	53	79
COLLINGSWORTH TX			1	3.1	3	14.4		373			98
COLORADO TX	3	3.9	1	1.0	5	4.8	-73	362	23	66	40
COMAL TX	6	6.4	13*	10.4	12	6.2	64	-41	-3	49	68
COMANCHE TX	9	11.0	7	7.1	4	5.2	-35	-27	-53	11	48
CONCHO TX	1	5.0	1	2.8	3	12.2	-44	340	146	91	96
COOKE TX	6	5.0	13	8.3	8	3.7	65	-55	-26	30	24
CORYELL TX	8	7.9	5	4.2	10	7.0	-47	68	-12	42	78
COTTLE TX					1	2.8					15
CRANE TX					1	5.3					52
CROCKETT TX			1	6.3	1	6.7		5			74
CROSBY TX	1	2.6	5	9.3	1	3.2	252	-66	21	65	18
CULBERSON TX	2*	13.1	1	11.6			-11				
DALLAM TX	2	8.3									
DALLAS TX	186	6.0	329*	7.6	341	6.0	27	-21	0	52	66
DAWSON TX	2	2.5	2	2.7	7	6.9	8	154	175	94	77
DEAF SMITH TX	4	11.1	5	6.6	3	3.3	-41	-50	-70	04	19
DELTA TX	2	3.6	1	1.8	4	6.8	-50	276	87	85	76
DENTON TX	12	6.6	28*	10.4	20	4.3	58	-58	-34	23	33
DE WITT TX	2	1.8	2	2.5	10	6.5	37	156	250	96	72
DICKENS TX	2	6.9	2	5.3	7*	18.8	-23	254	174	93	99
DIMMIT TX			3	7.7	6*	12.8		67			97
DONLEY TX	3	8.7	3	9.6	1	1.7	11	-83	-81	01	09
DUVAL TX	1	1.4	2	3.4	7	11.8	138	245	720	99	96
EASTLAND TX	5	3.5	11	6.6	15	7.7	91	16	122	89	83
ECTOR TX	8	2.0	11	3.4	19	5.1	68	51	153	92	48
ELLIS TX	10	5.2	9	4.2	22	7.2	-18	69	38	72	80
EL PASO TX	38	3.8	91	7.0	82	6.0	83	-15	57	78	65
ERATH TX	8	7.0	5	2.6	7	2.8	-63	11	-59	08	15
FALLS TX	5	5.2	7	5.5	4	4.0	6	-26	-22	33	28
FANNIN TX	9	5.5	13	7.1	14	5.9	29	-17	7	58	63
FAYETTE TX	9	7.4	5	2.9	7	3.2	-61	10	-58	09	18
FISHER TX	5	10.7	4	9.5	3	10.8	-11	13	1	53	95
FLOYD TX	5	10.9	2	3.7	4	5.4	-67	49	-50	12	55
FOARD TX	1	5.0			1	15.9			221	95	98
FORT BEND TX	10	9.8	5	2.4	10	4.2	-75	73	-57	09	30
FRANKLIN TX	1	3.3	6*	20.6	1	1.1	532	-95	-67	05	07
FREESTONE TX	4	8.0	4	6.2	1	.9	-22	-86	-89	00	06
FRIO TX	3	6.1	3	6.4	1	1.6	6	-75	-74	03	08
GAINES TX	2	9.6	1	1.4	1	1.7	-85	20	-82	01	09
GALVESTON TX	22	5.1	37	6.9	51	7.1	38	3	41	74	79
GARZA TX	2	7.5	2	7.1			-5				
GILLESPIE TX			4	4.1	7	4.0		-3			27
GOLIAD TX	1	2.9	1	3.1			8				
GONZALES TX	5	5.8	3	2.4	8	6.9	-58	183	19	64	77
GRAY TX	1	.7	15*	10.6	7	4.3	1476	-59	547	99	33
GRAYSON TX	32*	8.3	26	5.4	40	6.4	-35	19	-23	32	71
GREGG TX	13	6.6	21	7.0	21	4.8	7	-31	-27	29	41
GRIMES TX	1	2.5	6	11.1	3	5.4	347	-52	117	89	53
GUADALUPE TX	10	7.9	12	7.8	14	6.9	0	-12	-12	42	78
HALE TX	8	5.9	12	7.1	14	6.9	20	-3	17	63	77
HALL TX	1	1.9	4	9.6	2	6.2	395	-35	221	95	70
HAMILTON TX	7	9.4	3	2.5	11*	9.6	-73	287	3	55	93
HANSFORD TX	3	13.7	1	2.5			-81				
HARDEMAN TX	9*	20.3	3	4.6	5	9.5	-77	104	-53	11	92
HARDIN TX	7	7.9	2	1.8	14	8.8	-78	400	12	61	90
HARRIS TX	182	5.4	335*	6.7	378	5.6	23	-16	3	55	58
HARRISON TX	3	2.4	7	4.5	13	6.2	85	39	156	92	69
HARTLEY TX					2	9.4					92
HASKELL TX	2	3.2	9*	12.7	4	4.4	298	-65	38	72	34
HAYS TX	1	1.2	7	7.0	10	7.2	488	3	507	99	80
HEMPHILL TX	1	5.4	2	12.7			137				
HENDERSON TX	7	7.3	19*	14.5	14	5.5	99	-62	-24	32	57
HIDALGO TX	23	2.9	30	4.0	45	4.6	40	14	59	79	37
HILL TX	6	3.7	12	5.6	19*	8.8	52	57	139	91	90
HOCKLEY TX	4	5.5	4	4.5	11*	11.3	-17	150	107	88	95
HOOD TX	1	4.6	1	1.6	3	4.6	-65	188	0	52	37
HOPKINS TX	6	5.4	7	5.1	12	5.5	-6	9	2	54	56
HOUSTON TX	2	2.3	9*	11.3	2	1.0	385	-91	-56	10	06
HOWARD TX	7	4.8	11	6.9	12	6.8	45	-1	43	74	77
HUNT TX	5	2.9	17	6.9	11	3.7	135	-46	27	68	24
HUTCHINSON TX	4	2.6	7	5.7	7	4.4	119	-22	70	82	34
JACK TX			1	1.4	3	7.5		432			83
JACKSON TX	2	4.8	3	4.8	1	1.3	0	-73	-73	03	07
JASPER TX	7	9.5	2	1.7	5	3.5	-82	99	-63	06	21
JEFFERSON TX	36	5.0	53	6.1	52	4.9	23	-20	-2	51	42
JIM HOGG TX	2	8.9	2	10.4	1	3.3	17	-69	-63	06	19
JIM WELLS TX	6	6.7	5	3.6	11	6.4	-46	79	-3	49	72
JOHNSON TX	9	4.8	15	6.1	22	6.3	27	3	31	70	71
JONES TX	9	8.8	14*	12.4	7	4.2	40	-66	-53	11	30
KARNES TX	3	4.3	8	10.2	3	3.3	134	-68	-24	31	19
KAUFMAN TX	9	7.0	17*	10.1	13	6.7	44	-34	-4	49	75
KENDALL TX	1	2.6	1	1.5	3	6.0	-44	314	132	90	66
KENT TX					1	33.9					99
KERR TX	6	6.0	7	3.2	11	5.5	-46	72	-8	46	56
KIMBLE TX	1	4.5	2	6.1	2	8.2	35	35	82	85	87
KINNEY TX					1	8.6					89
KLEBERG TX	2	.9	7	6.6	6	4.7	633	-30	415	98	38
KNOX TX	1	1.8	1	2.3	5	8.1	23	258	340	98	86
LAMAR TX	8	4.7	16	7.3	16	5.6	54	-22	19	65	59
LAMB TX	2	2.1	3	3.1	5	5.1	47	62	139	91	46
LAMPASAS TX	4	7.0	3	5.7	6	8.4	-18	47	21	65	88
LA SALLE TX	4	13.4	2	7.0			-48				
LAVACA TX	9	7.1	5	3.6	9	5.2	-49	46	-26	30	50
LEE TX	2	4.0	3	5.5	5	6.1	39	10	53	77	67
LEON TX			3	5.1	5	6.7		30			75
LIBERTY TX	5	4.7	7	4.9	14	7.9	4	60	67	81	85

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

COUNTY AND STATE		1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
LIMESTONE	TX	6	5.6	5	4.5	10	8.7	-19	92	55	77	89
LIPSCOMB	TX					2	8.3					87
LIVE OAK	TX	2	6.1	6*	15.8	1	1.3	157	-92	-78	01	07
LLANO	TX	2	6.8	7*	14.5	1	.6	112	-96	-92	00	06
LUBBOCK	TX	25	5.1	36	5.4	49	6.3	8	16	25	67	71
LYNN	TX	2	4.5	4	8.0	3	6.2	77	-22	37	72	70
MC CULLOCH	TX	5	10.2	8*	9.8	4	10.4	-4	6	1	54	94
MC LENNAN	TX	32	5.6	59*	8.1	32	3.7	45	-54	-34	23	23
MC MULLEN	TX			1	16.7	1	12.2		-27			96
MADISON	TX	2	7.8	1	1.6	6*	14.6	-80	821	86	85	98
MARION	TX			4	13.7	2	3.8		-72			25
MARTIN	TX	1	5.6	2	9.2	1	5.1	63	-45	-10	43	46
MASON	TX			3	8.0	1	2.3		-71			12
MATAGORDA	TX	6	7.6	6	5.1	5	3.4	-33	-32	-55	10	21
MAVERICK	TX	2	2.4	2	3.0	7	7.0	27	134	196	94	78
MEDINA	TX	4	4.5	8	7.9	6	4.2	74	-47	-8	45	30
MENARD	TX			2	14.0	2	8.2		-42			87
MIDLAND	TX	6	3.8	14	7.9	11	3.7	109	-54	-3	49	23
MILAM	TX	3	2.7	9	6.4	10	7.4	135	15	170	93	81
MILLS	TX	1	1.9			2	3.7			91	86	24
MITCHELL	TX			2	2.9	6	7.1		147			79
MONTAGUE	TX	4	3.2	8	8.8	8	4.9	175	-44	54	77	43
MONTGOMERY	TX	8	8.1	6	4.4	12	3.8	-46	-13	-53	11	25
MOORE	TX	3	7.1	1	2.5	1	1.4	-64	-43	-80	01	08
MORRIS	TX			2	4.0	6	8.5		111			88
MOTLEY	TX					1	3.5					21
NACOGDOCHES	TX	10	8.0	4	3.0	8	3.4	-62	12	-57	09	20
NAVARRO	TX	15	8.1	16	7.7	15	5.4	-5	-29	-33	24	55
NEWTON	TX			3	7.1							
NOLAN	TX	7	7.7	6	5.7	10	8.4	-26	47	9	59	87
NUECES	TX	44	5.5	55	6.2	56	5.5	12	-11	-1	51	55
OCHILTREE	TX	3	12.0	3	6.8	5	11.3	-44	67	-6	48	95
ORANGE	TX	10	4.8	18	8.3	16	5.4	72	-35	12	60	53
PALO PINTO	TX	11*	9.4	7	5.0	5	3.6	-47	-27	-61	07	22
PANOLA	TX	5	8.1	9*	11.7	11*	9.0	45	-23	12	61	90
PARKER	TX	9	7.5	6	3.3	17	7.9	-57	142	5	56	85
PARMER	TX			3	9.3	6*	13.1		41			97
PECOS	TX	2	12.0	2	6.0	3	5.2	-50	-13	-56	10	50
POLK	TX	2	3.3	7	12.1	11*	11.5	264	-5	246	96	96
POTTER	TX	20	5.7	23	5.1	19	3.9	-11	-24	-32	25	26
PRESIDIO	TX	3	10.7	2	7.2	2	6.2	-33	-14	-42	17	69
RAINS	TX			1	3.5	1	7.6		118			83
RANDALL	TX	4	4.5	12	7.6	10	4.6	69	-40	1	53	37
REAGAN	TX	1	23.6	1	12.3	2	16.3	-48	32	-31	25	98
REAL	TX	1	8.7	1	6.4			-27				
RED RIVER	TX	1	.9	4	3.2	4	2.7	268	-16	209	95	14
REEVES	TX	2	1.6			4	7.1			345	98	79
REFUGIO	TX	1	1.6			4	8.9			463	98	90
ROBERTS	TX					3*	53.8					99
ROBERTSON	TX	3	4.8	4	5.4	7	8.5	11	57	75	83	88
ROCKWALL	TX	2	5.4			7*	14.1			160	92	97
RUNNELS	TX	4	4.7	6	7.3	9	10.1	56	38	116	88	94
RUSK	TX	11	7.7	10	6.6	18	7.6	-14	16	0	52	83
SABINE	TX	1	3.0	2	5.3	1	4.0	78	-23	37	72	28
SAN AUGUSTINE	TX			1	4.6	2	4.4		-4			34
SAN JACINTO	TX	1	5.4			3	7.9			47	75	85
SAN PATRICIO	TX	7	4.5	18*	10.7	10	4.2	139	-60	-5	48	31
SAN SABA	TX	3	5.8	2	3.3	3	3.0	-44	-8	-49	13	17
SCHLEICHER	TX	1	11.4	1	7.9	2	12.8	-31	62	12	61	97
SCURRY	TX	7	8.1	9	10.3	3	3.2	28	-69	-60	08	19
SHACKELFORD	TX	2	7.7	2	6.0			-22				
SHELBY	TX	5	5.2	7	6.7	4	2.1	28	-69	-60	08	10
SHERMAN	TX	1	7.5			4*	25.5			241	96	99
SMITH	TX	11	3.3	14	3.7	34	6.2	11	68	86	85	69
SOMERVELL	TX	1	6.6	1	2.9	2	5.6	-56	93	-15	39	58
STARR	TX	1	1.8	1	.9	3	2.5	-51	189	41	73	12
STEPHENS	TX	3	5.3	1	.9	3	4.4	-82	366	-17	37	34
STERLING	TX	1	13.1	1	14.1			8				
STONEWALL	TX	1	7.3	1	5.3			-28				
SUTTON	TX			1	5.4							
SWISHER	TX	1	3.0	3	5.9	2	3.3	98	-45	9	59	19
TARRANT	TX	113	6.3	152	5.8	178	5.2	-8	-11	-18	36	49
TAYLOR	TX	17	5.0	32	7.3	34	6.2	44	-15	23	66	69
TERRELL	TX					2*	18.1					99
TERRY	TX	3	3.9	4	6.5	4	6.1	66	-5	57	78	68
THROCKMORTON	TX	1	3.8	2	10.5	1	2.8	178	-73	-26	30	15
TITUS	TX	5	6.8	4	5.0	10	8.4	-27	68	23	66	67
TOM GREEN	TX	13	5.2	19	5.4	12	2.8	4	-48	-46	15	15
TRAVIS	TX	30	4.5	59	6.1	66	4.8	38	-22	8	58	41
TRINITY	TX	2	4.7	3	8.6	4	5.1	84	-41	8	58	46
TYLER	TX	1	1.8	2	2.4	10*	11.7	37	381	557	99	96
UPSHUR	TX	4	4.9	6	5.1	9	5.7	4	13	18	64	60
UPTON	TX			2	11.2							
UVALDE	TX	5	6.7	6	7.9	5	4.9	17	-38	-27	29	43
VAL VERDE	TX	4	4.7	4	3.5	8	6.0	-26	72	27	68	65
VAN ZANDT	TX	6	6.1	4	3.4	7	3.7	-44	11	-38	20	24
VICTORIA	TX	6	4.1	10	5.2	16	6.7	26	30	63	80	74
WALKER	TX	4	9.4	3	4.0	8	8.3	-58	110	-11	43	87
WALLER	TX	1	3.5	1	2.4	5	10.9	-31	356	217	95	95
WARD	TX	3	5.1	2	2.8			-44				
WASHINGTON	TX	6	8.4	3	2.2	11	11.8	-74	428	40	73	96
WEBB	TX	8	2.7	14	4.6	19	4.8	70	6	81	84	42
WHARTON	TX	6	4.2	9	6.0	6	3.0	43	-51	-30	26	16
WHEELER	TX	2	4.8	2	3.2	1	1.4	-32	-56	-70	03	08
WICHITA	TX	29	6.4	36	6.5	31	4.8	1	-26	-26	30	41
WILBARGER	TX	6	7.9	10	8.1	7	8.6	3	6	10	59	89
WILLACY	TX	4	4.4	3	3.0	9*	12.2	-32	311	180	94	96
WILLIAMSON	TX	15	8.5	17	7.2	13	4.7	-15	-35	-45	15	39
WILSON	TX	5	7.1	4	5.3	8	8.0	-26	51	12	60	85
WINKLER	TX	5*	6.1	1	2.0	5	15.6	-67	674	157	92	98
WISE	TX	8	8.2	7	6.2	4	3.1	-24	-51	-63	06	17

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
5	4.9	6	5.8	13	8.5	WOOD TX	19	47	75	83	88
		2	6.1	3	12.8	YOAKUM TX		109			97
6	6.5	3	2.4	9	8.6	YOUNG TX	-63	261	33	71	89
1	5.5					ZAPATA TX					
6*	11.7	1	1.1	1	2.0	ZAVALA TX	-91	84	-83	01	10
191	5.7	239	5.3	257	4.7	UTAH UT	-6	-11	-16		
		1	4.7	2	10.5	BEAVER UT		124			94
2	1.5	2	2.2	7	5.1	BOX ELDER UT	48	138	252	96	48
4	2.7	15	8.5	14	6.3	CACHE UT	213	-26	131	90	70
4	7.4	1	1.3	2	2.4	CARBON UT	-83	85	-68	04	12
15	9.9	18	7.6	23	6.3	DAVIS UT	-22	-18	-36	21	70
2	6.2	2	6.8	1	2.6	DUCHESNE UT	10	-61	-58	09	13
1	4.4	4*	16.3	3	8.7	EMERY UT	273	-47	100	87	89
1	9.0	2	12.3	2	14.4	GARFIELD UT	36	17	60	79	98
		1	1.8	1	5.9	GRAND UT		234			64
2	6.5	6*	12.5	3	3.8	IRON UT	93	-70	-42	17	25
		3	10.8	3	11.5	JUAB UT		6			96
4	8.9	2	4.7	2	3.4	MILLARD UT	-47	-28	-62	07	20
2	19.5					MORGAN UT					
1	15.6					PIUTE UT					
95	6.5	110	5.4	113	4.7	SALT LAKE UT	-17	-13	-28	28	39
		2	5.3	1	5.1	SAN JUAN UT		-4			47
4	6.1	2	2.2	5	5.4	SANPETE UT	-63	142	-11	42	54
5	10.5	2	5.3	3	5.2	SEVIER UT	-50	-2	-50	12	49
		2	7.4			SUMMIT UT					
1	1.1	7	7.5	1	.8	TOOELE UT	613	-90	-26	30	06
1	3.8			1	2.3	UINTAH UT			-40	19	11
16	3.5	26	5.3	27	4.1	UTAH UT	52	-21	20	65	29
1	5.0			1	2.7	WASATCH UT			-45	15	14
7*	14.2	4	6.5	4	3.3	WASHINGTON UT	-54	-49	-77	02	20
				1	15.8	WAYNE UT					98
23	5.4	27	5.0	37	5.7	WEBER UT	-6	14	7	57	61
121	5.8	137	5.7	160	5.5	VERMONT VT	-1	-4	-5		
4	4.2	5	4.7	10	7.3	ADDISON VT	13	55	75	83	80
6	4.4	12	7.2	13	5.9	BENNINGTON VT	64	-18	35	71	64
9	6.6	5	3.9	11	6.8	CALEDONIA VT	-40	74	3	55	76
19	5.3	24	5.7	27	5.2	CHITTENDEN VT	8	-9	-2	51	50
3	9.3	3	9.7	1	2.7	ESSEX VT	4	-72	-71	03	14
13	8.0	8	4.6	10	6.1	FRANKLIN VT	-42	32	-24	32	67
3*	16.5			2	8.5	GRAND ISLE VT			-48	13	88
2	2.8	3	4.7	1	1.2	LAMOILLE VT	64	-74	-57	09	07
6	5.6	5	4.7	6	3.8	ORANGE VT	-16	-19	-32	25	25
8	8.4	11	10.2	6	3.7	ORLEANS VT	22	-64	-56	10	23
15	5.3	18	5.6	22	5.0	RUTLAND VT	5	-10	-6	48	46
8	3.3	12	4.5	13	3.9	WASHINGTON VT	39	-14	20	65	26
8	5.0	13	5.5	13	4.4	WINDHAM VT	12	-21	-11	42	34
17	8.2	18	7.1	25*	8.8	WINDSOR VT	-13	23	7	57	90
625	4.9	975	5.9	1073	5.1	VIRGINIA VA	21	-15	4		
2	1.2	6	3.4	13	7.2	ACCOMACK VA	176	111	483	99	80
9	4.2	9	3.0	25	6.4	ALBEMARLE#VA	-29	114	52	77	72
9	7.2	5	3.4	5	3.0	ALLEGHANY#VA	-52	-14	-59	08	16
1	4.8			1	4.1	AMELIA VA			-14	40	29
3	4.6	6	7.2	5	4.2	AMHERST VA	56	-42	-9	44	30
4	11.6	2	4.2	2	4.3	APPOMATTOX VA	-63	3	-62	07	33
37	5.5	56	6.8	51	6.1	ARLINGTON#VA	25	-10	12	61	68
19	5.8	14	3.5	22	4.2	AUGUSTA#VA	-39	18	-27	29	30
		1	3.9	2	7.8	BATH VA		102			84
15	3.2	36	6.7	29	4.2	BEDFORD#VA	112	-38	32	70	30
1	3.7	1	3.6	1	2.4	BLAND VA	-3	-33	-35	23	12
4	6.7	3	3.5	3	2.8	BOTETOURT VA	-47	-20	-57	09	15
1	2.4	3	7.2	2	3.8	BRUNSWICK VA	207	-47	62	80	25
2	1.4	7	3.5	5	3.7	BUCHANAN VA	151	5	164	93	23
		1	2.6	1	2.0	BUCKINGHAM VA		-23			10
2	5.9	2	5.7	4	9.1	CAROLINE VA	-3	59	53	77	91
9	4.2	14	5.7	16	5.9	CARROLL#VA	35	4	41	73	64
				1	9.0	CHARLES CITY VA					90
		4	8.8	3	5.1	CHARLOTTE VA		-42			46
68	6.0	90	6.8	54	3.6	CHESTERFIELD#VA	13	-47	-40	19	22
		1	3.4	2	3.1	CLARKE VA		-7			18
1	5.7			2	7.7	CRAIG VA			36	72	84
3	5.7	5	6.9	3	2.3	CULPEPER VA	22	-66	-59	08	12
1	7.0			3	10.8	CUMBERLAND VA			54	77	95
1	.6	2	2.9	8	9.2	DICKENSON VA	402	222	1518	99	91
15	6.9	13	4.5	21	5.8	DINWIDDIE#VA	-35	30	-15	38	62
		2	7.7	1	5.2	ESSEX VA		-33			50
44	5.4	82	5.3	121	4.9	FAIRFAX#VA	-2	-8	-9	44	44
3	3.0	5	4.4	6	5.1	FAUQUIER VA	49	16	72	82	47
3	5.4	3	5.0	1	1.4	FLOYD VA	-8	-72	-74	03	08
		1	3.8	1	2.4	FLUVANNA VA		-36			12
		5	4.3	10	7.1	FRANKLIN VA		66			79
4	2.6	10	4.7	18	7.3	FREDERICK#VA	80	56	180	94	81
4	5.3	6	7.6	8	8.5	GILES VA	45	12	62	80	88
1	2.7	6	9.9	4	4.8	GLOUCESTER VA	259	-51	75	83	41
3	14.7	3	10.9	2	5.3	GOOCHLAND VA	-26	-51	-64	06	51
1	4.8			1	3.5	GREENE VA			-27	29	21
		3	8.6	7*	13.7	GREENSVILLE#VA		60			97
8	7.0	5	3.9	9	5.4	HALIFAX#VA	-45	40	-23	32	53
7	7.8	5	3.8	8	5.4	HANOVER VA	-51	40	-31	25	53
23	7.1	27	5.0	39	4.5	HENRICO VA	-30	-9	-36	21	36
7	4.8	13	6.0	20	7.4	HENRY#VA	26	24	56	78	82
1	4.3	2	9.3	1	4.6	HIGHLAND VA	117	-50	9	59	38
2	7.1	2	4.6	3	4.3	ISLE OF WIGHT VA	-36	-7	-40	19	32
6	4.7	10	5.4	9	3.6	JAMES CITY#VA	15	-33	-23	32	22
1	5.7	3*	18.0	1	5.0	KING AND QUEEN VA	214	-72	-13	40	44
1	3.3	3	11.4	3	9.1	KING GEORGE VA	245	-21	173	93	91

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE LEUKEMIAS ICD 202.4,203.1,204-208

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1	5.0	2	7.9	4*	13.6	KING WILLIAM VA	60	71	174	93	97
1	5.3	3	9.1	2	5.8	LANCASTER VA	71	-37	9	59	61
7	5.0	10	9.0	8	5.2	LEE VA	79	-43	3	55	49
4	4.3	8	6.1	6	3.4	LOUDOUN VA	43	-44	-20	35	20
		8*	14.3	2	3.1	LOUISA VA		-78			17
4	11.7	2	4.1	5	8.4	LUNENBURG VA	-65	108	-28	28	88
4	11.9	2	5.8			MADISON VA	-51				
2	5.5	4	16.9	4	9.2	MATHEWS VA	208	-45	69	82	91
6	8.4	6	6.3	10	8.3	MECKLENBURG VA	-25	32	-1	51	87
1	4.4			3	5.1	MIDDLESEX VA			17	63	48
3	1.8	14	7.1	20	7.4	MONTGOMERY#VA	282	5	302	97	82
1	1.8	4	7.5	4	6.3	NELSON VA	314	-16	246	96	70
2	3.7	3	5.1	4	8.5	NORTHAMPTON VA	35	67	126	90	88
1	2.8	2	5.1	3	3.8	NORTHUMBERLAND VA	85	-26	37	72	25
2	5.0	3	5.2	1	1.5	NOTTOWAY VA	5	-71	-69	04	08
3	5.7	3	6.1	4	4.3	ORANGE VA	6	-30	-26	30	32
		7	8.6	7	6.1	PAGE VA		-29			67
2	3.1	4	5.3	3	2.9	PATRICK VA	68	-45	-8	45	16
17	5.6	22	5.5	31	6.2	PITTSYLVANIA#VA	-1	13	12	61	70
				4	10.5	POWHATAN VA					94
				4	5.8	PRINCE EDWARD VA					62
4	3.6	10	4.8	15	3.8	PRINCE WILLIAM#VA	34	-20	7	57	25
4	3.3	7	4.9	14	7.6	PULASKI VA	50	54	132	90	83
		3	13.1	4*	13.5	RAPPAHANNOCK VA		4			97
1	4.1	2	6.5	1	2.4	RICHMOND VA	58	-63	-42	18	12
26	4.1	40	4.9	58	5.5	ROANOKE#VA	18	12	32	70	55
9	7.5	14*	10.1	7	4.6	ROCKBRIDGE#VA	35	-55	-39	19	37
15	6.4	16	5.3	15	3.7	ROCKINGHAM#VA	-17	-31	-43	17	23
3	2.7	9	7.7	8	6.0	RUSSELL VA	185	-22	123	89	66
6	4.7	9	6.8	7	4.6	SCOTT VA	46	-32	-1	51	37
7	5.8	11	8.2	4	2.7	SHENANDOAH VA	40	-66	-53	11	14
8	5.9	10	6.3	5	2.5	SMYTH VA	6	-61	-59	08	12
4	8.7	4	5.9	4	6.0	SOUTHAMPTON#VA	-32	0	-31	25	65
4	3.5	6	5.1	8	4.4	SPOTSYLVANIA#VA	44	-15	23	66	33
2	3.0	2	4.2	8	7.1	STAFFORD VA	38	70	135	91	79
				3*	15.2	SURRY VA					98
		4*	16.0	1	4.0	SUSSEX VA		-75			27
8	4.0	15	7.3	8	3.5	TAZEWELL VA	82	-52	-14	40	21
4	7.2	5	7.6	3	3.7	WARREN VA	6	-51	-48	13	24
11	4.9	20	6.8	25	6.7	WASHINGTON#VA	38	-1	36	72	75
		5	11.3	3	4.0	WESTMORELAND VA		-64			28
11	4.8	7	3.3	17	7.1	WISE#VA	-33	119	47	75	79
8	7.5	4	3.3	7	4.7	WYTHE VA	-56	43	-36	21	40
73	5.2	147*	7.9	119	5.1	CHESAPEAKE CITY#VA	53	-36	-2	51	47
12	5.4	21	6.5	15	4.9	HAMPTON CITY VA	20	-24	-9	45	43
15	6.7	14	4.3	18	4.5	NEWPORT NEWS CITY VA	-36	5	-33	24	35
3	3.7	6	5.0	10	7.4	SUFFOLK CITY VA	36	49	102	87	82
729	5.8	951	6.0	1013	5.0	WASHINGTON WA	4	-17	-13		
2	6.4	3	7.4	6	10.3	ADAMS WA	17	38	62	80	94
5	6.6	6	5.4	7	6.2	ASOTIN WA	-18	14	-6	47	70
5	2.6	17	6.0	17	5.0	BENTON WA	133	-16	95	86	46
16	7.8	10	4.3	18	7.0	CHELAN WA	-45	63	-10	43	78
7	5.6	12	6.9	6	2.1	CLALLAM WA	24	-70	-63	06	10
38*	9.0	31	5.6	38	4.8	CLARK WA	-38	-15	-47	14	40
2	9.5	2	9.8			COLUMBIA WA	3				
12	4.2	10	3.3	30*	7.4	COWLITZ WA	-21	124	78	84	82
1	1.9	4	5.7	1	1.1	DOUGLAS WA	198	-81	-44	16	07
				2	15.7	FERRY WA					98
5	6.2	5	5.4	8	6.0	FRANKLIN WA	-14	12	-3	49	65
1	4.6	1	6.1	1	5.8	GARFIELD WA	31	-4	25	67	62
10	7.1	6	2.9	17	9.3	GRANT WA	-58	215	31	70	91
9	4.1	10	3.4	18	5.1	GRAYS HARBOR WA	-16	49	25	67	47
2	3.7	6	6.0	6	3.4	ISLAND WA	63	-43	-7	46	20
4	7.7	10*	17.6	4	5.9	JEFFERSON WA	129	-66	-23	33	64
248	6.1	329	6.4	326	5.1	KING WA	5	-20	-16	38	46
23	6.4	27	6.0	24	3.5	KITSAP WA	-7	-41	-45	15	21
2	1.7	8	7.5	5	4.4	KITTITAS WA	332	-41	156	92	34
4	7.7	3	4.1	4	5.0	KLICKITAT WA	-47	22	-35	22	45
22*	9.0	19	7.2	23	6.6	LEWIS WA	-20	-8	-27	29	74
3	5.1	2	2.9	4	5.5	LINCOLN WA	-42	83	5	56	52
4	4.8	4	4.0	10	7.3	MASON WA	-18	84	51	76	81
5	4.0	9	6.9	7	5.2	OKANOGAN WA	72	-23	32	70	50
3	4.3	3	3.0	6	3.8	PACIFIC WA	-30	26	-12	42	25
		1	2.6	1	1.5	PEND OREILLE WA		-41			08
80	5.9	116	6.7	94	4.4	PIERCE WA	15	-35	-25	31	34
1	5.8	3	13.0	3	7.1	SAN JUAN WA	123	-46	21	65	79
17	7.2	16	5.5	13	3.5	SKAGIT WA	-23	-37	-51	12	21
		2	9.0	1	2.9	SKAMANIA WA		-68			16
38	5.3	60	5.9	70	4.8	SNOHOMISH WA	13	-19	-9	45	41
67	5.2	90	5.7	104	5.4	SPOKANE WA	10	-5	4	56	54
5	6.6	5	4.9	3	2.6	STEVENS WA	-25	-46	-60	08	14
14	5.3	23	6.1	35	6.1	THURSTON WA	15	1	16	62	68
1	6.1	1	6.3	3	16.3	WAHKIAKUM WA	4	159	169	93	98
13	6.7	14	5.6	22	6.8	WALLA WALLA WA	-17	21	1	53	76
13	3.4	25	5.7	25	4.8	WHATCOM WA	70	-17	42	74	40
9	6.5	13	8.4	4	2.5	WHITMAN WA	29	-70	-62	07	12
38	5.7	45	6.0	47	5.3	YAKIMA WA	6	-12	-6	47	52
457	5.4	506	5.5	549	5.2	WEST VIRGINIA WV	3	-6	-4		
7	8.4	3	3.0	7	6.9	BARBOUR WV	-65	130	-18	36	77
6	4.0	8	4.4	8	3.6	BERKELEY WV	9	-18	-11	43	22
12*	9.7	6	4.9	8	5.6	BOONE WV	-49	13	-43	17	57
7	8.5	8	8.9	6	6.3	BRAXTON WV	5	-29	-25	31	71
3	2.9	7	4.9	9	5.3	BROOKE WV	66	10	82	85	52
34	6.3	36	6.0	36	5.0	CABELL WV	-5	-16	-21	34	45
2	4.3			2	3.5	CALHOUN WV			-20	35	21
3	6.5	1	2.6	1	1.8	CLAY WV	-60	-30	-72	03	09
2	4.9					DODDRIDGE WV					

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COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

COUNTY AND STATE	1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
FAYETTE WV	12	4.6	9	3.4	10	3.0	-27	-12	-35	22	16
GILMER WV	4	8.9	2	4.4	5	11.2	-51	154	25	67	95
GRANT WV	2	5.2	3	6.9			32				
GREENBRIER WV	10	5.8	13	7.3	20*	9.1	26	25	57	78	91
HAMPSHIRE WV	1	1.9	5	8.0	2	2.6	321	-68	36	72	13
HANCOCK WV	14	9.2	9	5.0	14	6.4	-46	28	-31	26	72
HARDY WV	2	3.9	1	1.7	1	2.2	-55	27	-43	16	11
HARRISON WV	28	6.8	25	5.5	36	6.8	-18	22	0	52	75
JACKSON WV	3	2.8	3	2.8	6	4.9	-1	79	77	84	44
JEFFERSON WV	3	3.5	3	3.2	7	6.2	-10	96	76	83	70
KANAWHA WV	49	5.0	65	5.8	68	5.3	16	-8	6	57	52
LEWIS WV	4	2.8	7	5.6	8	4.7	99	-16	66	81	39
LINCOLN WV	9	10.4	2	2.0	8	7.0	-80	244	-32	25	78
LOGAN WV	9	4.5	11	5.2	22*	9.8	16	88	119	89	93
MC DOWELL WV	10	6.2	13	6.9	8	4.0	12	-43	-36	22	27
MARION WV	18	5.3	22	6.2	26	6.9	17	11	30	69	77
MARSHALL WV	4	2.2	12	5.9	13	5.8	164	-1	162	93	62
MASON WV	2	2.0	9	7.6	5	3.9	283	-49	96	87	26
MERCER WV	20	7.0	13	3.8	22	5.5	-45	45	-21	34	56
MINERAL WV	8	7.9	2	1.7	9	6.3	-78	263	-20	35	71
MINGO WV	9	6.2	10	6.6	8	4.9	7	-26	-21	34	42
MONONGALIA WV	27*	10.2	9	2.9	11	3.4	-71	15	-67	05	20
MONROE WV	3	5.4	9*	12.2	4	5.5	126	-55	2	54	55
MORGAN WV	1	2.5	4	8.5	1	1.4	241	-84	-45	16	08
NICHOLAS WV	7	6.1	5	4.7	12	9.0	-23	92	48	75	90
OHIO WV	21	5.5	22	4.9	18	4.3	-11	-13	-23	33	32
PENDLETON WV			4	8.7	2	4.0		-54			28
PLEASANTS WV	2	6.1			2	5.3			-13	41	51
POCAHONTAS WV	4	11.0	7*	14.2	2	2.8	29	-81	-75	02	15
PRESTON WV	6	4.1	8	6.0	5	3.2	47	-48	-23	32	18
PUTNAM WV	3	3.1	6	5.0	5	3.3	60	-34	5	56	19
RALEIGH WV	11	3.1	21	6.4	18	4.2	104	-34	35	71	31
RANDOLPH WV	6	4.4	5	3.7	11	6.3	-16	69	42	74	71
RITCHIE WV	2	2.2	3	3.5	5	5.0	61	41	127	90	45
ROANE WV	3	3.6	6	6.0	1	.9	68	-86	-76	02	06
SUMMERS WV	4	5.2	7	7.8	4	3.9	49	-50	-25	31	26
TAYLOR WV			8	8.0	2	1.8		-77			09
TUCKER WV	3	6.2			3	6.3			3	55	71
TYLER WV	3	4.4	3	4.6	5	5.8	6	25	32	70	61
UPSHUR WV	8	7.7	9	9.0	6	5.3	17	-41	-31	25	51
WAYNE WV	6	3.1	9	4.9	8	3.6	57	-27	15	62	22
WEBSTER WV	2	2.2	3	5.1	3	4.6	134	-9	113	88	37
WETZEL WV	3	3.1	7	6.3	9	6.6	102	6	113	88	74
WIRT WV	5*	18.2			2	5.7			-69	04	60
WOOD WV	25	6.8	34	7.7	31	5.8	14	-25	-15	39	61
WYOMING WV	5	4.1	9	9.1	4	3.0	119	-67	-29	27	16
WISCONSIN WI	1094	5.9	1447*	6.5	1436	5.4	10	-16	-7		
ADAMS WI	1	2.9	3	7.0	5	7.3	141	4	152	92	81
ASHLAND WI	10*	10.1	9	8.6	9	6.6	-15	-23	-35	23	73
BARRON WI	11	6.3	18	8.7	15	5.7	37	-34	-9	45	60
BAYFIELD WI	3	4.3	8*	10.8	3	3.3	152	-69	-22	33	20
BROWN WI	21	4.2	55*	7.9	54	6.1	90	-23	47	75	68
BUFFALO WI	3	4.1	7	8.4	7	8.0	106	-4	97	87	86
BURNETT WI	8*	14.9	5	9.1	2	2.3	-39	-75	-85	00	11
CALUMET WI	8	7.8	10	8.4	15*	10.6	8	26	36	72	94
CHIPPEWA WI	11	4.8	13	4.8	17	5.6	1	16	17	63	58
CLARK WI	6	3.6	10	4.9	12	6.2	37	28	75	83	70
COLUMBIA WI	9	4.1	20	8.6	12	4.3	113	-50	7	57	33
CRAWFORD WI	2	2.4	2	2.3	8	8.5	-6	278	256	96	88
DANE WI	60	6.2	76	6.4	77	5.3	3	-18	-15	38	51
DODGE WI	22	7.0	25	7.3	21	5.2	4	-28	-26	30	49
DOOR WI	6	5.6	8	6.8	10	6.2	21	-9	9	59	68
DOUGLAS WI	12	5.1	16	6.2	16	5.7	21	-8	11	60	60
DUNN WI	9	7.2	5	3.4	8	4.3	-53	26	-41	18	32
EAU CLAIRE WI	27*	9.4	31*	8.4	23	5.6	-11	-34	-41	18	57
FLORENCE WI	1	6.5	2	10.1	4*	14.7	55	45	125	90	98
FOND DU LAC WI	27	6.6	34	6.6	29	4.9	0	-26	-26	30	42
FOREST WI	3	7.1	1	2.7	4	7.2	-63	170	1	53	80
GRANT WI	15	6.6	25*	8.9	19	5.1	35	-43	-23	32	47
GREEN WI	8	5.8	16*	9.7	8	4.1	68	-57	-28	28	29
GREEN LAKE WI	5	5.6	7	6.5	5	4.3	16	-34	-23	32	32
IOWA WI	6	5.1	5	4.2	8	4.6	-17	9	-10	43	38
IRON WI	2	5.2	1	2.8	3	7.2	-46	157	39	73	80
JACKSON WI	3	3.6	6	5.5	9	9.1	52	64	150	91	91
JEFFERSON WI	23*	8.7	19	6.2	18	4.3	-28	-30	-50	12	33
JUNEAU WI	6	5.9	9	9.0	9	7.4	54	-18	26	68	81
KENOSHA WI	30	7.1	31	5.8	34	5.3	-18	-9	-25	30	51
KEWAUNEE WI	6	6.5	12*	11.6	7	8.2	79	-29	26	68	87
LA CROSSE WI	23	6.1	27	5.8	27	4.5	-5	-22	-26	30	36
LAFAYETTE WI	3	3.5	11*	10.0	6	4.9	189	-52	40	73	42
LANGLADE WI	6	5.3	10	8.1	7	5.6	54	-31	7	57	59
LINCOLN WI	6	5.0	8	5.7	4	2.2	13	-61	-56	10	11
MANITOWOC WI	28	8.4	33	7.5	32	6.2	-11	-17	-27	29	69
MARATHON WI	17	4.3	30	6.3	30	5.4	46	-15	24	67	53
MARINETTE WI	11	5.9	14	6.1	11	3.6	3	-40	-38	20	23
MARQUETTE WI	7*	14.5	5	6.9	3	3.8	-53	-45	-74	03	25
MENOMINEE#WI	16	5.8	18	5.7	35*	8.6	-3	53	49	76	89
MILWAUKEE WI	257	5.6	333	6.2	339	5.8	11	-7	4	55	61
MONROE WI	17*	9.8	14	7.0	8	4.1	-28	-42	-58	08	29
ONEIDA WI	4	3.5	9	6.7	10	5.4	92	-19	55	77	54
OUTAGAMIE WI	22	4.5	27	4.9	28	4.5	10	-9	1	53	36
OZAUKEE WI	8	4.9	13	6.4	21	7.0	28	10	41	73	78
PEPIN WI	3	8.2			2	2.5			-70	04	12
PIERCE WI	3	2.4	10	7.5	11	6.9	208	-9	180	94	77
POLK WI	8	6.2	19*	12.1	9	4.2	96	-65	-31	25	31
PORTAGE WI	14	7.5	21*	9.6	11	3.8	28	-61	-50	13	25
PRICE WI	2	2.6	5	6.5	9	7.6	145	17	186	94	83
RACINE WI	32	5.5	59	7.5	51	5.6	37	-26	2	54	58
RICHLAND WI	15*	15.0	10	8.9	2	2.4	-40	-74	-84	00	12

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
											%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
31	5.7	31	4.9	39	5.2	ROCK	WI	-14	6	-10	44	48
6	8.3	4	5.7	6	5.3	RUSK	WI	-31	-7	-36	22	52
3	1.9	8	4.5	7	3.4	ST CROIX	WI	137	-23	81	85	21
17	8.9	13	5.0	8	3.1	SAUK	WI	-44	-37	-65	05	17
2	4.0	6	9.9	3	6.2	SAWYER	WI	146	-37	55	77	70
19	4.3	28	5.1	36	6.0	SHEBOYGAN	WI	19	19	41	73	65
4	4.8	9	9.5	8	6.6	TAYLOR	WI	97	-30	37	72	73
10	7.2	10	6.9	7	4.3	TREMPEALEAU	WI	-4	-38	-40	19	32
5	3.9	10	6.7	11	6.5	VERNON	WI	73	-2	69	82	73
3	5.7	5	9.9	3	3.3	VILAS	WI	73	-67	-43	17	19
18	6.6	16	4.6	24	5.9	WALWORTH	WI	-30	29	-10	43	64
5	8.6	3	4.5	3	4.2	WASHBURN	WI	-47	-7	-51	12	30
14	6.6	11	4.2	15	4.2	WASHINGTON	WI	-37	1	-36	22	30
29	5.1	44	5.0	65	5.7	WAUKESHA	WI	-2	15	13	61	60
16	7.5	14	5.2	17	5.2	WAUPACA	WI	-31	-1	-31	25	49
4	4.3	8	7.9	2	1.3	WAUSHARA	WI	84	-83	-69	04	07
27	5.0	42	6.6	36	5.1	WINNEBAGO	WI	33	-22	3	55	48
15	5.7	20	6.1	19	4.9	WOOD	WI	7	-21	-15	39	42
54	4.4	79	5.2	94	5.0	WYOMING	WY	17	-4	13		
10*	12.3	3	3.5	11*	8.9	ALBANY	WY	-71	153	-28	28	90
1	1.7	5	8.6	3	4.3	BIG HORN	WY	391	-50	146	91	32
1	4.0	2	5.1	2	2.3	CAMPBELL	WY	27	-55	-43	17	11
2	2.9	4	5.8	4	5.2	CARBON	WY	103	-11	80	84	48
1	2.3	2	4.6	6*	13.5	CONVERSE	WY	99	190	477	99	97
2	5.2	3	2.0	6	4.6	FREMONT	WY	-61	124	-12	41	37
3	5.5	3	4.8	5	5.6	GOSHEN	WY	-12	15	2	54	57
		1	2.6	3	6.3	HOT SPRINGS	WY		141			71
		2	6.1	4	9.3	JOHNSON	WY		51			92
5	2.1	14	5.5	12	3.8	LARAMIE	WY	160	-31	81	85	25
1	1.4	3	8.9	2	5.0	LINCOLN	WY	556	-44	268	97	44
6	4.7	7	3.4	10	3.9	NATRONA	WY	-27	13	-18	37	26
1	5.5	3	18.4	1	5.2	NIOBRARA	WY	237	-72	-5	48	49
4	5.9	9	9.8	6	4.8	PARK-TETON#	WY	67	-51	-18	36	41
4	10.6	2	5.4	1	2.1	PLATTE	WY	-49	-61	-80	01	11
3	3.5	6	4.8	7	5.1	SHERIDAN	WY	39	6	47	75	48
6	7.1	3	3.3	6	5.7	SWEETWATER	WY	-53	73	-20	35	60
2	6.1	3	8.2	1	3.2	UINTA	WY	33	-60	-47	14	18
1	4.4	3	7.9	1	2.5	WASHAKIE	WY	80	-68	-43	17	13

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE MALE 1950-1959		1960-1969		1970-1979		LEUKEMIAS COUNTY AND STATE		ICD 202.4,203.1,204-208 PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
3772	5.1	5504	6.3	7039	6.4	UNITED STATES		23	2	25		
171	4.3	221	5.7	278	7.1	ALABAMA	AL	32	24	64		
1	3.1	1	4.2	4	13.5	AUTAUGA	AL	37	221	338	93	91
		2	4.3	4	9.3	BALDWIN	AL		117			85
5	7.2	1	1.1	4	8.5	BARBOUR	AL	-85	699	19	48	84
2	10.2	2	8.4	2	10.3	BIBB	AL	-17	22	0	39	87
2	4.2	3	8.6	3	8.1	BULLOCK	AL	102	-5	91	72	83
2	3.8	2	5.7	5	13.6	BUTLER	AL	50	139	258	90	91
2	3.8	4	6.6	4	4.3	CALHOUN	AL	72	-35	12	46	70
1	1.7	5	8.2	4	7.7	CHAMBERS	AL	398	-7	364	95	81
1	13.0					CHEROKEE	AL					
		1	6.1	3*	20.7	CHILTON	AL		240			95
		5	14.5	7*	18.8	CHOCTAW	AL		29			94
		5	9.4	4	7.6	CLARKE	AL		-20			81
1	13.5	1	6.0			CLAY	AL	-55				
		1*	22.5			CLEBURNE	AL					
		2	5.1	4*	18.8	COFFEE	AL		267			94
1	4.7					COLBERT	AL					
3	4.1					CONECUH	AL					
				4*	17.9	COVINGTON	AL					94
1	4.8					CRENSHAW	AL					
1	5.4			1	5.8	DALE	AL			8	44	75
3	2.8	11	8.2	6	4.7	DALLAS	AL	193	-43	68	66	72
2*	47.9			1	112.4	DE KALB	AL			135	80	99
3	7.1			3	8.7	ELMORE	AL			23	49	84
1	2.5	3	5.9	2	4.1	ESCAMBIA	AL	131	-31	60	63	70
2	4.1	2	2.7	4	7.9	ETOWAH	AL	-34	188	91	71	82
		1	24.6			FRANKLIN	AL					
				1	7.4	GENEVA	AL					81
2	3.8			3	6.9	GREENE	AL			81	70	79
3	5.2	2	4.4	2	4.0	HALE	AL	-15	-8	-22	27	69
3	10.0			1	3.5	HENRY	AL			-65	08	68
		3	5.6	4	6.0	HOUSTON	AL		7			75
2*	15.1					JACKSON	AL					
53	6.2	52	6.1	73	7.7	JEFFERSON	AL	-1	27	25	50	82
2	6.2	4	14.5	2	5.1	LAUDERDALE	AL	133	-65	-17	30	73
1	4.1	3	16.7	1	3.6	LAWRENCE	AL	302	-79	-14	32	68
2	2.0	5	7.7	5	8.7	LEE	AL	290	13	341	94	84
		3	12.3			LIMESTONE	AL					
5	11.8	1	1.2	1	1.5	LOWNDES	AL	-90	24	-88	01	65
3	2.4	3	2.8	8	7.4	MACON	AL	14	165	203	86	80
1	1.5	1	.6	10	9.3	MADISON	AL	-58	1373	518	97	85
		3	4.6	5	7.8	MARENGO	AL		70			82
				1	22.3	MARSHALL	AL					95
21	6.0	22	6.1	28	7.5	MOBILE	AL	2	22	24	50	81
		1	3.0	4	7.8	MONROE	AL		161			82
11	4.5	13	5.4	15	5.6	MONTGOMERY	AL	19	4	24	50	74
		5*	12.7	3	8.6	MORGAN	AL		-33			84
2	4.7	3	7.9	5	10.7	PERRY	AL	68	36	129	79	88
3	5.9	1	1.6	2	7.2	PICKENS	AL	-73	362	24	50	80
3	6.7	3	8.4	2	4.5	PIKE	AL	26	-47	-33	22	71
		2	11.2	3	13.6	RANDOLPH	AL		21			91
1	1.3	12*	16.2	3	3.9	RUSSELL	AL	1155	-76	207	87	69
1	7.9			2	12.0	ST CLAIR	AL			53	61	89
1	4.1	1	4.1			SHELBY	AL	1				
4	5.1	2	2.6	8*	11.1	SUMTER	AL	-50	335	117	77	89
2	2.9	6	7.7	2	2.7	TALLADEGA	AL	164	-65	-7	35	66
3	6.3	2	5.9	3	7.2	TALLAPOOSA	AL	-7	23	15	46	80
4	3.8	8	7.2	10	7.9	TUSCALOOSA	AL	92	9	109	75	82
2	6.7	3	12.1			WALKER	AL	82				
2	1.8	5	8.7	2	4.4	WILCOX	AL	386	-49	147	81	71
		11	5.0	8	3.3	ALASKA	AK		-34			
25	6.2	36	5.8	41	4.3	ARIZONA	AZ	-7	-27	-31		
3	2.3	6	6.0	5	4.6	APACHE	AZ	159	-23	99	73	71
		3	4.5	4	3.4	COCONINO	AZ		-24			68
1	11.8	3*	16.8	2	4.5	GILA	AZ	43	-73	-62	09	71
				1	11.5	GRAHAM	AZ					89
1*	59.0					GREENLEE	AZ					
10	10.0	9	4.7	18	5.9	MARICOPA	AZ	-53	27	-41	18	75
3	4.7	5	3.1	2	2.0	NAVAJO	AZ	-34	-35	-57	11	65
4	6.1	4	5.5	6	3.2	PIMA	AZ	-10	-42	-48	15	67
2	7.0	5	12.5	1	.8	PINAL	AZ	79	-94	-89	00	64
1	9.9	1	5.0	2	6.7	YUMA	AZ	-50	34	-33	23	78
74	3.9	105	6.0	125	7.1	ARKANSAS	AR	54	17	80		
1	5.1	1	4.0	1	2.9	ARKANSAS	AR	-21	-28	-43	16	67
		1	2.9	1	2.5	ASHLEY	AR		-13			66
1	3.8	3	16.8	1	3.9	BRADLEY	AR	344	-77	2	40	69
6	10.3	2	3.9	4	6.8	CHICOT	AR	-62	73	-34	21	78
3	9.9			3	11.5	CLARK	AR			16	47	89
1	1.1	4	9.8	3	5.2	COLUMBIA	AR	759	-47	354	94	73
1	6.7	3*	20.4	1	7.0	CONWAY	AR	204	-66	4	42	79
1	8.0	1	9.0			CRAIGHEAD	AR	13				
3	2.6	7	5.9	7	5.7	CRITTENDEN	AR	129	-2	125	78	75
2	5.7					CROSS	AR					
1	5.2			4*	18.7	DALLAS	AR			261	90	94
2	2.8	1	2.1	4	9.7	DESHA	AR	-25	352	240	89	86
				3	8.7	DREW	AR					84
1	11.1	2	13.1	2	14.5	FAULKNER	AR	18	10	30	53	92
1	4.0					GARLAND	AR					
1*	67.0					GRANT	AR					
1	3.1	3	9.3	2	3.9	HEMPSTEAD	AR	204	-58	27	52	69

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1	9.6	1	7.3	1	6.4	HOT SPRING	AR	-23	-12	-33	22	77
1	5.2					HOWARD	AR					
1*	27.3	1*	22.5			INDEPENDENCE	AR	-18				
11	5.4	14	9.0	15	8.3	JEFFERSON	AR	69	-8	56	61	83
1	4.7	3	10.1	1	2.5	LAFAYETTE	AR	117	-76	-47	15	66
1	1.8	3	4.4	6	13.5	LEE	AR	143	204	638	98	91
		4	11.4			LINCOLN	AR					
1	7.7			4*	23.2	LITTLE RIVER	AR			201	86	95
		1*	44.6			LOGAN	AR					
		1	6.0	1	3.7	LONOKE	AR		-38			68
		2	5.7	2	5.4	MILLER	AR		-6			74
3	3.4	4	5.5	6	9.9	MISSISSIPPI	AR	60	82	190	85	86
1	2.4	5	12.9	2	5.0	MONROE	AR	443	-62	108	75	72
		3	15.3	1	6.8	NEVADA	AR		-55			78
1	2.2	4	7.7	6	12.6	OUACHITA	AR	256	62	478	96	90
3	2.3	5	4.1	12	13.2	PHILLIPS	AR	77	219	465	96	91
		1*	54.2			PIKE	AR					
		1	9.4	2	14.3	POINSETT	AR		52			92
		1*	31.5			POPE	AR					
14	7.0	14	5.9	17	6.1	PULASKI	AR	-16	3	-14	32	76
2	1.7	4	5.4	5	9.6	ST FRANCIS	AR	219	78	468	96	86
				1	16.3	SALINE	AR					93
		1	17.2	2*	28.7	SEVIER	AR		67			97
4	5.6	3	4.6	5	7.8	UNION	AR	-19	70	38	57	82
3	12.3	1	2.7			WOODRUFF	AR	-78				
242*	6.3	390	6.3	534	4.7	CALIFORNIA	CA	-1	-25	-25		
31	8.4	53	9.1	53	5.5	ALAMEDA	CA	8	-39	-34	21	74
1	11.8	1	9.0			BUTTE	CA	-23				
3	2.2	7	4.6	7	2.6	CONTRA COSTA	CA	113	-43	20	49	66
7	5.2	9	6.5	9	3.0	FRESNO	CA	25	-53	-41	17	67
		2	9.9	1	7.0	HUMBOLDT	CA		-29			79
		3	12.1	4	6.2	IMPERIAL	CA		-48			76
6	7.5	9	8.6	9	4.7	KERN	CA	14	-45	-38	19	72
		2	9.4	3	10.5	KINGS	CA		12			87
				1	10.8	LAKE	CA					88
		1*	47.1			LASSEN	CA					
100	6.8	172	6.3	247	5.1	LOS ANGELES	CA	-7	-19	-24	26	73
3*	19.5	2	10.4	2	5.5	MADERA	CA	-47	-47	-72	05	74
		3	10.2	1	2.0	MARIN	CA		-81			65
2	5.8	4	22.2			MERCED	CA	282				
				1*	25.4	MONO	CA					96
4	4.7	7	6.2	5	4.6	MONTEREY	CA	31	-25	-2	38	71
		1	20.1			NAPA	CA					
1	5.2	3	3.9	8	2.0	ORANGE	CA	-25	-47	-60	10	65
1	7.3	1	8.2	1	2.8	PLACER	CA	12	-66	-62	09	66
5	8.9	7	8.1	8	3.4	RIVERSIDE	CA	-9	-58	-62	09	68
10	6.2	12	6.2	20	6.9	SACRAMENTO	CA	0	10	10	45	78
		1*	56.2	1	5.1	SAN BENITO	CA		-91			73
2	6.2	4	3.0	10	4.1	SAN BERNARDINO	CA	-51	33	-34	21	69
12	6.3	16	6.0	26	4.7	SAN DIEGO	CA	-5	-21	-25	25	72
27	5.3	34	4.3	65	6.7	SAN FRANCISCO	CA	-18	54	26	51	78
10	7.0	7	3.9	16	6.2	SAN JOAQUIN	CA	-44	58	-12	32	76
		1	6.7	2	5.5	SAN LUIS OBISPO	CA		-18			74
5	17.3	6	5.6	7	2.1	SAN MATEO	CA	-68	-63	-88	01	65
1	3.3	2	4.6	5	6.6	SANTA BARBARA	CA	39	44	100	73	77
1	1.2	10	6.6	7	1.3	SANTA CLARA	CA	468	-80	11	45	64
2	9.5			2	4.3	SANTA CRUZ	CA			-55	12	70
1	14.3	2*	30.3			SHASTA	CA	112				
		2*	25.1			SISKIYOU	CA					
2	3.1			4	5.7	SOLANO	CA			82	70	75
		1	4.5	1	2.3	SONOMA	CA		-48			66
				1	.7	STANISLAUS	CA					64
1	2.3	3	7.2	1	.7	TULARE	CA	217	-90	-68	07	64
3*	14.3	1	1.4	5	2.9	VENTURA	CA	-90	108	-79	03	67
				1	4.3	YOLO	CA					70
1	9.9	1	9.6			YUBA	CA	-4				
17*	11.1	18	7.5	24	3.6	COLORADO	CO	-33	-52	-68		
1	31.5			2	2.0	ADAMS	CO			-94	00	65
1*	188.7					BOULDER	CO					
11*	10.7	14	8.3	16	4.7	DENVER-ARAPAHOE#	CO	-22	-43	-56	12	72
		1	1.5	2	4.6	EL PASO	CO		216			71
				1*	27.0	HUERFANO	CO					96
				1	4.1	JEFFERSON	CO					70
1*	86.0	1*	57.8			MESA	CO	-33				
2	13.6	2	17.4	2	1.9	PUEBLO	CO	28	-89	-86	01	65
1*	18.8					WELD	CO					
16	7.1	31	6.4	36	5.1	CONNECTICUT	CT	-10	-20	-28		
6	11.7	9	7.1	8	3.3	FAIRFIELD	CT	-40	-53	-72	05	67
6	8.5	10	5.7	7	3.5	HARTFORD	CT	-32	-38	-58	11	68
				1	12.2	MIDDLESEX	CT					90
4	4.9	11	8.5	20	9.8	NEW HAVEN	CT	72	16	99	73	86
		1	1.7			NEW LONDON	CT					
11	4.8	15	5.4	23	6.9	DELAWARE	DE	13	28	44		
1	3.7	2	5.0	4	6.9	KENT	DE	35	38	87	71	79
8	6.1	7	4.1	16	7.7	NEW CASTLE	DE	-33	89	27	51	81
2	3.2	6	8.8	3	4.6	SUSSEX	DE	172	-47	43	59	71
79	6.7	117	6.5	137	7.7	DIST. OF COLUMBIA	DC	-2	17	15		
79	6.7	117	6.5	137	7.7	WASHINGTON	DC	-2	17	15	47	81
133	4.3	216	5.9	300	6.5	FLORIDA	FL	36	12	52		

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE MALE

LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
											%CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
4	5.1	6	6.6	7	8.3	ALACHUA	FL	29	26	61	64	83
2	4.8	2	5.0	2	4.6	BAY	FL	6	-9	-4	37	71
		2	11.9	1	7.3	BRADFORD	FL		-39			80
1	5.7	8*	11.5	4	7.7	BREVARD	FL	102	-33	34	55	81
5	4.0	10	3.7	22	6.3	BROWARD	FL	-8	70	57	62	76
		1	37.5			CALHOUN	FL					
				1	4.0	CLAY	FL					69
		2	12.4			COLLIER	FL					
1	4.0	1	5.4	1	4.2	COLUMBIA	FL	33	-21	5	42	70
19	7.4	36	6.2	53	5.6	DADE	FL	-16	-10	-24	26	74
		2	14.5			DE SOTO	FL					
				2*	49.1	DIXIE	FL					98
29*	7.3	27	6.5	34	7.5	DUVAL	FL	-12	16	3	41	81
6	5.6	4	3.4	8	5.1	ESCAMBIA	FL	-40	51	-9	34	73
		2*	24.8			FLAGLER	FL					
4	3.7	2	2.7	8	8.9	GADSDEN	FL	-28	234	141	80	84
		1	11.5			GULF	FL					
1	5.2			1	8.8	HAMILTON	FL			69	66	84
		1	22.1			HARDEE	FL					
		1	12.8			HENDRY	FL					
		1	9.3	4*	37.7	HERNANDO	FL		303			97
1	4.7	2	7.8	3	10.3	HIGHLANDS	FL	65	32	118	77	87
11	6.1	14	5.2	20	6.6	HILLSBOROUGH	FL	-15	27	8	45	78
1	8.4	2	10.0			INDIAN RIVER	FL	19				
1	1.1	3	5.9	6	12.2	JACKSON	FL	425	106	983	98	90
1	6.1					JEFFERSON	FL					
		2	4.0	2	3.4	LAKE	FL		-16			67
1	4.0	1	2.0	3	5.5	LEE	FL	-50	172	37	56	74
3	2.7	2	2.2	6	5.6	LEON	FL	-16	148	108	75	74
		1	3.7	1	6.6	LEVY	FL		77			78
		1*	60.7			LIBERTY	FL					
1	4.1	2	7.7	3	16.3	MADISON	FL	69	112	300	92	93
1	2.7	1	2.7	6	12.3	MANATEE	FL	-1	361	355	94	90
5	6.1	4	4.7	4	4.0	MARION	FL	-23	-14	-34	22	69
2	11.4	1	9.4	2	10.1	MARTIN	FL	-17	8	-11	33	87
		2	17.0	1	10.2	MONROE	FL		-40			87
				3	16.2	NASSAU	FL					93
				2	17.1	OKALOOSA	FL					94
		1	10.2			OKEECHOBEE	FL					
6	3.4	13	8.0	16	7.7	ORANGE	FL	135	-3	127	78	82
				1	6.2	OSCEOLA	FL					76
6	3.2	13	6.2	18	7.1	PALM BEACH	FL	94	16	126	78	80
		2	13.9	1	6.2	PASCO	FL		-55			76
		4	2.7	6	3.2	PINELLAS	FL		19			67
3	2.4	11	6.9	16	8.9	POLK	FL	189	28	271	91	84
1	2.3	3	7.3	2	4.4	PUTNAM	FL	223	-40	94	72	71
2	5.1					ST JOHNS	FL					
3	4.9	2	2.7	7	11.2	ST LUCIE	FL	-46	319	127	78	89
		3	10.8	3	11.0	SARASOTA	FL		1			88
8*	14.7	2	3.5	5	7.0	SEMINOLE	FL	-76	98	-52	14	79
		4*	25.4	1	3.3	SUMTER	FL		-87			67
2	9.8	1	5.7			SUWANNEE	FL	-42				
		1	8.0	2	9.2	TAYLOR	FL		16			85
2	2.6	7	7.6	11	8.8	VOLUSIA	FL	195	16	242	89	84
		2*	15.1			WALTON	FL					
				1	5.8	WASHINGTON	FL					75
152	3.4	232	5.2	361*	7.5	GEORGIA	GA	54	45	123		
				1	11.5	APPLING	GA					89
1	1.5	1	1.8	2	4.2	BALDWIN	GA	20	129	176	84	70
		1	10.8	4*	47.2	BARROW	GA		339			98
		1	7.0	2	12.0	BARTOW	GA		70			89
1	3.5	2	9.1			BEN HILL	GA	158				
				1	9.0	BERRIEN	GA					85
7	3.8	13	7.4	16	8.6	BIBB	GA	95	16	127	78	84
1	5.8			1	15.9	BLECKLEY	GA			174	84	93
		3	9.8			BROOKS	GA					
1	2.1	4	9.1			BULLOCH	GA	330				
2	4.8	2	4.2	4	9.5	BURKE	GA	-13	128	99	73	85
		2	9.0	2	12.8	BUTTS	GA		42			91
1	3.8	2	8.8	3*	17.2	CALHOUN	GA	132	95	354	94	94
				1	5.0	CAMDEN	GA					73
		1	14.4			CANDLER	GA					
2	9.7	2	5.2	3	10.9	CARROLL	GA	-46	108	11	45	88
				1*	42.4	CATOOSA	GA					98
		1	16.1			CHARLTON	GA					
10	3.5	10	3.6	15	5.3	CHATHAM	GA	4	47	53	60	73
1	21.0					CHATTOOGA	GA					
1	5.1	2	3.9	5	10.8	CLARKE	GA	-24	177	111	75	88
1	6.5					CLAY	GA					
		2	12.9	3	13.1	CLAYTON	GA		2			91
				1	7.2	CLINCH	GA					80
		4	11.3	1	2.5	COBB	GA		-78			66
2	6.9	1	5.2	2	8.3	COFFEE	GA	-25	59	20	49	83
2	8.0	1	4.0	1	3.7	COLQUITT	GA	-51	-6	-54	13	68
2	7.3			3	12.6	COLUMBIA	GA			72	67	90
		1	8.8	2	15.7	COOK	GA		78			93
4	11.4	3	7.2	1	2.5	COWETA	GA	-37	-65	-76	04	66
1	2.9					CRAWFORD	GA					
		2	8.8	2	8.8	CRISP	GA		0			84
2	4.1	3	9.0	4	7.6	DECATUR	GA	117	-16	83	70	81
7*	11.6	9	6.0	12	4.4	DE KALB	GA	-48	-28	-62	09	71
1	2.9			3	14.5	DODGE	GA			403	95	92
1	6.5	1	4.0			DOOLY	GA	-38				
1	.6	6	6.5	13*	9.8	DOUGHERTY	GA	914	51	1430	99	86
		2*	29.8			DOUGLAS	GA					
1	1.3			2	5.5	EARLY	GA			330	93	74
		1*	24.6			ECHOLS	GA					
				1	5.1	EFFINGHAM	GA					73
1	4.4					ELBERT	GA					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

LEUKEMIAS ICD 202.4,203.1,204-208

NON-WHITE MALE 1950-1959 DEATHS	RATE	1960-1969 DEATHS	RATE	1970-1979 DEATHS	RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
1	5.4			1	4.0	EMANUEL GA			-26	25	69
				1	24.4	FAYETTE GA					96
3	6.9	1	2.8	6*	14.3	FLOYD GA	-60	413	108	74	92
1	21.5			1	12.3	FRANKLIN GA			-43	17	90
27	4.0	46	5.4	76*	7.9	FULTON GA	36	44	97	72	82
1*	188.7					GILMER GA					
1	2.2	3	6.6	11*	19.2	GLYNN GA	206	189	784	98	95
		2	4.7			GRADY GA					
				1	4.4	GREENE GA					71
				1	7.5	GWINNETT GA					81
1	4.0			1	5.1	HALL GA			27	52	73
1	3.8	1	4.5	2	7.6	HANCOCK GA	19	68	101	73	81
		1	36.8			HARALSON GA					
		2	10.3	4*	18.3	HARRIS GA		78			94
				1	6.7	HART GA					78
2	5.7	3	10.7	2	7.5	HENRY GA	86	-29	32	54	81
				3	8.7	HOUSTON GA					84
		1	11.7			IRWIN GA					
		1	12.1	1	9.1	JASPER GA		-25			85
				2*	32.6	JEFF DAVIS GA					97
1	2.8	3	8.5	1	4.1	JEFFERSON GA	207	-52	49	60	70
1	2.4			1	5.8	JENKINS GA			145	81	75
		2	9.7	1	4.5	JONES GA		-53			71
1	2.8			1	6.0	LAMAR GA			116	76	76
1	15.2	1	37.2			LANIER GA	145				
2	3.7	2	5.1	3	6.0	LAURENS GA	35	19	62	64	76
1	4.2	1	3.1			LEE GA	-27				
1	5.9	2	7.8	2	6.0	LIBERTY GA	32	-24	1	40	75
1	5.8			4*	38.0	LINCOLN GA			556	97	97
1	1.7	4	7.9	4	6.2	LOWNDES GA	369	-22	267	90	76
1	5.6	3	17.2			MC DUFFIE GA	206				
				3*	23.3	MC INTOSH GA					96
1	2.9	2	9.7	2	4.8	MACON GA	233	-51	64	65	72
		2*	34.7	1	8.5	MADISON GA		-75			84
2	3.6	2	6.0	1	2.5	MERIWETHER GA	64	-59	-33	22	66
				1	12.5	MILLER GA					90
4	7.7	1	2.8	2	4.9	MITCHELL GA	-63	71	-37	20	72
				5*	30.0	MONROE GA					97
		1	5.7	2	11.0	MORGAN GA		93			88
3	2.1	9	4.8	12	7.8	MUSCOGEE#GA	132	62	277	91	82
		1	4.0	2	10.6	NEWTON GA		168			88
				1	18.8	PAULDING GA					94
3	14.6	2	10.1	6*	22.9	PEACH GA	-31	127	56	62	95
		1	11.2	1	10.5	PIKE GA		-7			87
1	6.7	1	6.8	4*	28.5	POLK GA	2	317	326	93	97
		1	6.2			PULASKI GA					
1	2.7					PUTNAM GA					
1*	89.3	1*	112.4			RABUN GA	26				
1	3.3			3	15.2	RANDOLPH GA			363	95	92
7	4.2	12	6.4	10	5.1	RICHMOND GA	53	-19	24	50	73
				2	10.4	ROCKDALE GA					87
				5*	96.7	SCHLEY GA					99
2	7.3	2	7.6			SCREVEN GA	4				
				2	15.2	SEMINOLE GA					92
		2	5.5	2	7.4	SPALDING GA		34			80
		2*	22.9	2*	26.6	STEPHENS GA		16			96
		1	4.7			STEWART GA					
		1	1.4	1	2.2	SUMTER GA		51			65
1	3.1					TALBOT GA					
		1	8.6	2*	32.4	TALIAFERRO GA		275			97
		2	8.8	2	9.2	TATTNALL GA		5			85
1	2.6	2	10.6	1	6.5	TAYLOR GA	301	-39	146	81	77
				1	7.0	TELFAIR GA					79
3	10.8			5*	16.9	TERRELL GA			56	62	93
3	4.0	3	4.0	6	9.9	THOMAS GA	1	145	147	81	86
		1	1.7	2	6.8	TIFT GA		300			78
		1	5.0			TOOMBS GA					
3	4.1	3	4.6	3	5.3	TROUP GA	11	15	28	53	73
		1	13.3	2	18.7	TURNER GA		41			94
1	2.1	1	5.3	1	7.9	TWIGGS GA	148	49	271	90	82
		2	7.6			UPSON GA					
1	12.6					WALKER GA					
		1	3.8	3	13.7	WALTON GA		260			91
2	6.0	2	5.5	1	2.6	WARE GA	-9	-52	-56	11	66
		1	5.5	2	11.9	WARREN GA		114			89
2	3.2	3	7.7	8*	21.7	WASHINGTON GA	137	183	570	97	95
2*	18.7			1	20.2	WEBSTER GA			8	44	95
		1	24.4	2*	16.9	WHITFIELD GA		-31			93
				1	18.1	WILCOX GA					94
				1	4.1	WILKES GA					70
1	7.3	1	10.5	1	6.5	WILKINSON GA	44	-38	-10	33	77
3	5.7			3	9.0	WORTH GA			58	63	85
		148*	7.1	166	6.6	HAWAII HI		-7			
		24	8.8	18	6.3	HAWAII HI		-28			77
		106	7.3	129	6.9	HONOLULU HI		-5			79
		8	5.7	7	5.1	KAUAI HI		-12			73
		10	5.8	12	5.6	MAUI#HI		-2			74
3	6.7	2	5.5	2	1.2	IDAHO ID	-18	-78	-82		
1*	33.5					ADA ID					
				2*	15.8	BANNOCK ID					93
		1	14.3			BINGHAM ID					
1*	28.1					BONNEVILLE ID					
		1*	163.6			ELMORE ID					
1*	24.8					NEZ PERCE ID					
165	4.9	303	6.6	364	6.2	ILLINOIS IL	35	-5	28		

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE MALE

LEUKEMIAS — ICD 202.4,203.1,204-208

COUNTY AND STATE	1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE ÷CHANGE 70S/50S	PERCENTILE RATES 1970S
ADAMS IL			2	7.2	4*	43.2					98
ALEXANDER IL											
BOND IL					2*	56.2					98
CHAMPAIGN IL	3	12.8	5*	18.7	2	6.1	46	-68	-53	13	76
CLARK IL			1*	344.1							
COLES IL			1*	56.3							
COOK IL	136	5.2	246	6.6	285	5.9	27	-10	14	46	75
DE KALB IL					1	74.3					99
DU PAGE IL					1	.7					64
HENDERSON IL					1*	182.2					99
JACKSON IL			1	4.1	1	3.2		-23			67
JEFFERSON IL					2*	26.0					96
KANKAKEE IL	1	2.3	3	6.4	3	4.9	179	-23	114	75	72
KNOX IL					1	8.6					84
LAKE IL	3	11.1	3	5.5	5	5.0	-50	-9	-54	13	73
LOGAN IL					1*	112.4					99
MC LEAN IL			1	16.1	1	4.7		-71			72
MACON IL			2	4.9	1	3.1		-37			67
MADISON IL	3	6.8	6	11.4	4	6.0	67	-47	-12	32	76
MARION IL	1	12.8	1	21.6	1	12.7	70	-41	0	39	90
MASSAC IL			2*	30.4	1	14.1		-54			92
PEORIA IL	1	2.1	2	5.9	4	6.3	183	6	199	86	76
PERRY IL			1*	38.4							
PULASKI IL					3	20.8					95
RANDOLPH IL					1	15.0					92
ROCK ISLAND IL	1	5.3	1	2.9	2	6.1	-45	108	15	46	76
ST CLAIR IL	10	5.7	15	7.0	27*	10.9	22	56	91	71	88
SALINE IL	1	14.5	1	15.6			8				
SANGAMON IL	1	3.2	1	3.4	4	11.9	5	253	271	91	89
STEPHENSON IL	1*	7.0			1	12.5			79	69	90
VERMILION IL	1	3.3	3	13.1			300				
WILL IL	1	.8	3	19.1	2	1.7	2175	-91	97	72	65
WILLIAMSON IL	1	10.3	1	16.7			63				
WINNEBAGO IL			1	1.4	3	6.2		335			76
INDIANA IN	59	6.3	75	7.0	111	7.8	10	11	23		
ALLEN IN	3	9.7	3	6.6	5	10.0	-33	53	3	41	87
CLARK IN	1	8.4			1	5.5			-35	21	74
DEARBORN IN					1*	84.4					99
DELAWARE IN	2	10.1	2	9.2	3	8.9	-9	-3	-11	33	84
ELKHART IN			3*	23.5	1	7.0		-70			79
FLOYD IN			1	11.2	1	9.9		-12			86
GIBSON IN	1*	43.3			1*	26.8			-38	19	96
GRANT IN	1	9.5	4*	33.4			253				
HAMILTON IN			1*	37.5	1*	35.3		-6			97
HARRISON IN					1*	37.2					97
HENRY IN			1*	38.3							
HOWARD IN			1	10.2	3*	30.5		198			97
HUNTINGTON IN	1*	74.3									
JEFFERSON IN	1*	49.7									
LAKE IN	12	3.5	17	5.4	33	7.5	52	41	114	76	81
LA PORTE IN	2	13.7	2	10.1	1	1.5	-27	-85	-89	01	65
MADISON IN	2	11.5			2	12.1			5	43	89
MARION IN	20	5.7	28	6.9	46	8.6	20	25	50	60	84
MONROE IN					1	12.5					90
MONTGOMERY IN	1*	53.6									
PORTER IN	1*	422.1									
RUSH IN			1*	57.3							
ST JOSEPH IN	4	12.2	1	1.6	5	6.3	-87	288	-49	14	76
SHELBY IN			1*	32.6							
VANDERBURGH IN	4	9.5	3	5.6	1	2.1	-41	-63	-78	04	65
VIGO IN	1	4.0	3	11.7	2	6.1	194	-48	53	61	76
WABASH IN			1*	112.4							
WAYNE IN	2	18.6	2	11.2	2	11.2	-40	0	-40	18	89
IOWA IA	7	5.7	9	7.6	15	9.5	34	24	67		
BLACK HAWK IA	1	3.4			2	16.6			382	95	93
CERRO GORDO IA					1*	37.7					97
CLINTON IA			1*	62.6	1*	17.2		-72			94
DES MOINES IA			1*	27.3							
LEE IA			2*	35.6	2*	24.3		-32			96
MONROE IA			1*	267.9							
POLK IA	1	2.3	3	7.1	4	7.3	207	3	215	87	80
POTTAWATTAMIE IA	1*	24.4									
SCOTT IA	2*	52.4			2	15.6			-70	06	93
STORY IA	1*	122.8									
TAMA IA					1*	133.9					99
WAPELLO IA	1*	39.0	1*	42.0			8				
WOODBURY IA					2*	28.6					97
KANSAS KS	35*	8.5	36	8.0	40	6.8	-6	-15	-20		
ATCHISON KS	2*	22.3	1	14.4	2*	31.3	-36	118	40	57	97
BOURBON KS			1*	14.9							
COWLEY KS	1	13.4	2*	34.1			154				
CRAWFORD KS			1*	29.3							
DONIPHAN KS					1*	28.7					97
DOUGLAS KS					2	16.3					93
GEARY KS	2*	25.0	1	5.7	3*	17.2	-77	201	-31	24	94
GRAHAM KS			1*	61.4							
JOHNSON KS	1*	29.8									
LABETTE KS			2*	20.2	1	14.9		-26			92
LEAVENWORTH KS					3	17.1					94
MC PHERSON KS	1*	132.6									
MARSHALL KS	1*	344.1									
MONTGOMERY KS	1	6.5	1	4.0	1	7.0	-38	74	8	44	79
NEOSHO KS					2*	84.9					99
PHILLIPS KS	1*	938.4									
RENO KS	1	26.5									

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		1	4.7			RILEY KS					
7*	11.8	4	4.8	6	4.0	SEDGWICK KS	-59	-16	-66	07	69
3	6.5	7*	16.9	4	6.2	SHAWNEE KS	162	-63	-4	37	76
				1*	74.3	STAFFORD KS					99
1*	37.5					WABAUNSEE KS					
13*	8.9	14	10.4	14	7.4	WYANDOTTE KS	17	-29	-16	30	80
55	5.4	87*	8.2	90*	8.2	KENTUCKY KY	50	1	52		
2*	20.7	2*	16.8			BARREN KY	-19				
1*	26.4					BATH KY					
				1	16.1	BELL KY					93
		1	5.7	1	7.6	BOURBON KY		33			81
				1	31.5	BOYD KY					97
1	5.2					BOYLE KY					
		1*	112.4			BRACKEN KY					
				1*	56.2	BUTLER KY					98
				1	26.5	CALDWELL KY					96
		1*	106.0			CARROLL KY					
1	2.0	2	4.0	2	3.9	CHRISTIAN KY	96	-2	93	72	69
1	12.5					CLARK KY					
				1*	49.2	CLAY KY					98
		1*	86.0	1*	106.0	CRITTENDEN KY		23			99
2	12.8	1	6.1	1	6.0	DAVIESS KY	-52	-3	-53	13	75
6	6.7	7	6.6	12*	10.5	FAYETTE KY	-1	58	57	63	87
1*	29.8					FLEMING KY					
1	11.2					FRANKLIN KY					
1*	133.9					GALLATIN KY					
1	17.2	2*	52.4			GARRARD KY	206				
		1	11.2	2*	21.6	GRAVES KY		93			95
		1	2.5	1	2.0	HARDIN KY		-20			65
				1	9.3	HARLAN KY					85
		1	19.5	1	12.4	HART KY		-36			90
2	10.2			1	4.5	HENDERSON KY			-56	11	71
1*	37.5			1*	12.4	HENRY KY			-67	07	90
				1*	49.7	HICKMAN KY					98
2	9.6	1	12.0	1	3.8	HOPKINS KY	26	-69	-61	10	68
18	5.6	28	7.4	40*	9.6	JEFFERSON KY	33	30	72	67	86
				1	20.6	JESSAMINE KY					95
		2	9.5	2	10.3	KENTON KY		9			87
		1*	62.9			LAPUE KY					
1	55.3					LETCHER KY					
1	22.8					LINCOLN KY					
		2	16.1			LOGAN KY					
5*	16.3	3	10.7	2	8.7	MC CRACKEN KY	-35	-18	-47	15	84
		2	12.3	1	10.6	MADISON KY		-14			88
		1	17.7	1	16.4	MARION KY		-7			93
1	13.3			2*	23.2	MASON KY			75	68	95
		1	21.0			MERCER KY					
		1*	35.3			METCALFE KY					
		1	17.5			MONTGOMERY KY					
1	15.8	1	10.3			NELSON KY	-35				
		1*	140.3			NICHOLAS KY					
		2*	25.2			OLDHAM KY					
		1*	27.0			OWEN KY					
				2*	64.0	PERRY KY					98
		3*	30.6	1	12.5	SCOTT KY		-59			90
1	4.7	4*	35.3	2	18.1	SHELBY KY	648	-49	284	91	94
1	11.2	1	27.6			TODD KY	148				
1	17.5			1	17.9	TRIGG KY			2	40	94
		2*	24.9	1	12.4	UNION KY		-50			90
2	11.7	3	15.2	2	10.8	WARREN KY	30	-29	-8	34	88
		2*	111.8			WASHINGTON KY					
		1*	86.0			WAYNE KY					
		1	6.5			WEBSTER KY					
		1	12.5	1	14.9	WOODFORD KY		19			92
223	5.6	283	6.7	353*	7.7	LOUISIANA LA	18	16	37		
2	6.7	5	14.8	5	10.5	ACADIA LA	120	-29	56	62	87
2	12.9	2	8.0	1	5.0	ALLEN LA	-38	-37	-61	10	73
3	8.4	2	6.1			ASCENSION LA	-27				
1	2.6	2	9.0	2	9.2	ASSUMPTION LA	248	2	256	90	85
2	5.9	2	4.9	2	4.5	AVOYELLES LA	-16	-8	-23	27	71
1	7.9			1	6.4	BEAUREGARD LA			-19	30	77
3	6.5	3	6.7	1	2.3	BIENVILLE LA	3	-66	-64	08	66
		3	4.0	2	3.0	BOSSIER LA		-26			67
19	6.0	23	6.6	31	8.6	CADDO LA	10	30	44	59	84
6	7.1	5	4.8	13	9.5	CALCASIEU LA	-33	99	34	55	85
				3*	26.3	CALDWELL LA					96
1*	45.5					CAMERON LA					
2	13.9	1	3.7	2	10.7	CATAHOULA LA	-73	168	-23	27	88
2	3.8	3	7.2	7*	18.0	CLAIBORNE LA	88	149	368	95	94
2	5.9	4	9.4	6*	12.7	CONCORDIA LA	60	35	116	76	90
3	4.8	3	5.1	5	7.9	DE SOTO LA	7	55	66	66	82
10	3.4	20	6.7	22	5.7	EAST BATON ROUGE LA	97	-15	67	66	75
1	2.3	1	2.2	1	5.3	EAST CARROLL LA	-2	134	128	79	73
		2	3.6	3	7.8	EAST FELICIANA LA		119			82
		2	9.8	2	7.6	EVANGELINE LA		-23			61
1	2.6	3	9.0	2	8.6	FRANKLIN LA	249	-4	235	89	84
		1	5.6	1	5.4	GRANT LA		-5			73
7*	11.6	8*	13.9	7	11.3	IBERIA LA	20	-18	-2	38	89
2	2.6	6	10.7	2	3.8	IBERVILLE LA	319	-65	47	60	68
1	7.4	1	5.1	1	6.2	JACKSON LA	-31	21	-17	30	76
8	10.5	12	10.5	11	5.9	JEFFERSON LA	0	-44	-44	16	75
1	5.6			2	7.6	JEFFERSON DAVIS LA			36	56	81
4	5.8	3	4.4	9	10.4	LAFAYETTE LA	-24	138	80	69	87
1	2.2	1	2.4	2	6.7	LAFOURCHE LA	7	184	203	87	78
5*	12.2	3	7.3	2	4.0	LINCOLN LA	-40	-45	-67	07	69
		1	11.1	1	6.5	LIVINGSTON LA		-41			77
4	7.7	4	8.7	3	4.7	MADISON LA	13	-46	-39	19	72

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NON-WHITE MALE — LEUKEMIAS — ICD 202.4,203.1.204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
3	4.5	2	2.7	4	5.7	MOREHOUSE	LA	-40	113	27	52	75
5	6.3	4	4.6	5	7.4	NATCHITOCHES	LA	-28	63	18	48	81
57*	6.8	59	6.2	89*	8.6	ORLEANS	LA	-8	38	27	52	84
6	5.1	4	3.1	13	9.2	OUACHITA	LA	-40	199	78	68	85
				1	3.4	PLAQUEMINES	LA					68
		2	4.2	5	10.6	POINTE COUPEE	LA		153			88
7	4.8	7	5.1	11	7.6	RAPIDES	LA	7	48	58	63	81
1	4.2	2	15.6	1	5.0	RED RIVER	LA	272	-68	18	48	73
3	3.8	1	2.2	3	6.3	RICHLAND	LA	-42	185	64	65	76
2	10.2	1	6.5	2	11.8	SABINE	LA	-36	80	15	46	89
		2	5.0	3	8.5	ST CHARLES	LA		70			83
1	9.0			1	5.5	ST HELENA	LA			-39	19	74
		2	4.6	2	6.8	ST JAMES	LA		49			78
4	9.9	1	2.8	6*	13.9	ST JOHN THE BAPT	LA	-72	404	41	58	91
7	5.7	13	9.9	12	9.5	ST LANDRY	LA	74	-5	65	65	85
		2	3.7	2	4.9	ST MARTIN	LA		34			72
1	1.9	4	4.6	10*	13.9	ST MARY	LA	139	204	627	97	91
1	2.7	6*	11.9	2	3.8	ST TAMMANY	LA	344	-68	42	58	69
5	6.4	7	10.3	4	3.8	TANGIPAHOA	LA	63	-64	-41	18	68
3	6.5	2	4.6	3	14.0	TENSAS	LA	-29	204	117	76	91
3	5.5	4	9.5	3	6.3	TERREBONNE	LA	71	-33	14	46	77
4*	13.7	5*	15.3	1	4.4	UNION	LA	12	-71	-68	07	71
1	6.0	5*	24.3	2	10.1	VERMILION	LA	309	-59	70	67	87
2*	21.2	1	4.3			VERNON	LA	-80				
3	6.5	7	10.9	7	10.6	WASHINGTON	LA	67	-2	63	64	88
5	8.1	6	9.8	4	5.3	WEBSTER	LA	20	-46	-35	20	73
		1	3.9	2	6.1	WEST BATON ROUGE	LA		54			76
2	12.6	1	6.9	1	5.4	WEST CARROLL	LA	-46	-22	-58	11	73
2	3.0	1	2.0	2	9.7	WEST FELICIANA	LA	-33	381	223	88	86
1	5.4	5*	19.0			WINN	LA	251				
		2	14.7	1	3.6	MAINE	ME		-75			
		1	32.6			CUMBERLAND	ME					
				1	26.5	PENOBSCOT	ME					96
		1*	74.3			YORK	ME					
91	5.0	131	5.8	195	6.7	MARYLAND	MD	18	14	34		
		1	27.8	1	15.8	ALLEGANY	MD		-43			93
3	4.0	4	3.6	7	4.1	ANNE ARUNDEL	MD	-11	13	1	39	69
3	5.1	4	5.2	10	6.6	BALTIMORE	MD	3	26	30	53	78
2	7.6	1	1.7	1	4.2	CALVERT	MD	-78	150	-45	15	70
2	11.8	2	10.8	1	5.0	CAROLINE	MD	-9	-53	-57	11	73
1	6.5					CECIL	MD					
		1	5.4	6	8.8	CHARLES	MD		65			84
2	5.2	3	7.3	4	8.3	DORCHESTER	MD	40	15	60	63	83
3*	13.8			3	10.5	FREDERICK	MD			-24	26	88
		1	4.0	1	3.9	HARFORD	MD		-3			69
1	3.3	2	10.9	1	3.9	HOWARD	MD	229	-64	17	47	69
		3	14.4	2	9.0	KENT	MD		-37			85
3	3.9	2	3.2	8	4.3	MONTGOMERY	MD	-18	35	10	45	70
6	4.3	5	1.9	30	7.1	PRINCE GEORGE'S	MD	-55	272	66	66	80
		2	8.0			QUEEN ANNE'S	MD					
1	1.5	4	16.9	3	7.7	ST MARY'S	MD	1008	-54	405	96	82
1	2.8	1	4.5	3	9.4	SOMERSET	MD	57	110	231	88	85
2	7.0	1	3.7	3	10.3	TALBOT	MD	-47	177	46	59	87
		1	11.6	1	4.1	WASHINGTON	MD		-65			70
1	1.7	3	5.9	3	4.8	WICOMICO	MD	248	-18	185	85	72
1	1.7	5*	16.1	2	5.5	WORCESTER	MD	870	-66	230	88	74
59	5.5	85	6.5	105	7.0	BALTIMORE CITY	MD	19	7	27	52	79
29	7.1	35	6.1	30	2.8	MASSACHUSETTS	MA	-13	-55	-61		
				1	7.4	BERKSHIRE	MA					80
6*	24.3	1	4.7	3	4.1	BRISTOL	MA	-81	-13	-83	02	70
1	10.8	1	6.4			ESSEX	MA	-40				
3	9.8	7	14.2	3	1.7	HAMPDEN	MA	45	-88	-83	03	65
4	7.2	5	6.7	4	2.4	MIDDLESEX	MA	-6	-64	-66	08	66
1	11.2	2	10.4	1	.9	NORFOLK	MA	-7	-92	-92	00	64
3	14.4	2	6.3	1	3.6	PLYMOUTH	MA	-56	-43	-75	05	68
9	4.3	16	4.9	16	3.5	SUFFOLK	MA	14	-29	-19	29	68
2	13.3	1	5.7	1	3.8	WORCESTER	MA	-57	-33	-71	06	69
134	6.2	212	6.7	280	6.9	MICHIGAN	MI	8	4	12		
				2	14.9	ALLEGAN	MI					92
				1*	84.8	BARRY	MI					99
				1	29.8	BAY	MI					97
4	12.0	4	8.0	6	10.8	BERRIEN	MI	-34	36	-10	33	88
1	3.6	2	4.0	6	9.5	CALHOUN	MI	14	134	166	83	85
2	15.4	1	6.0	1	3.5	CASS	MI	-61	-41	-77	04	68
1*	141.3					CHEBOYGAN	MI					
				1	26.5	EATON	MI					96
4	9.7	19*	13.0	16	9.0	GENESEE	MI	34	-31	-7	35	85
		1	1.2	4	5.2	INGHAM	MI		349			73
1*	344.1					IOSCO	MI					
				3	8.4	JACKSON	MI					83
		4	28.1	5	11.0	KALAMAZOO	MI		-61			68
1	2.2	6	10.2	7	8.5	KENT	MI	369	-17	290	92	83
1	8.3	1	5.6			LAKE	MI	-32				
2	7.5			2	3.1	MACOMB	MI			-59	10	67
		1	10.2			MONROE	MI					
2	3.5	2	3.3	4	10.9	MUSKEGON	MI	-6	235	216	87	88
2*	36.8			1	21.2	NEWAYGO	MI			-42	17	95
5	4.9	7	8.0	9	6.6	OAKLAND	MI	65	-18	35	55	77
		1*	74.3			PRESQUE ISLE	MI					
1	1.1	3	2.9	2	2.3	SAGINAW	MI	160	-18	113	75	66
		1	7.4	1	4.2	ST CLAIR	MI		-43			70
				1	8.2	ST JOSEPH	MI					83
		1*	141.3			SHIAWASSEE	MI					

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NON-WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	4.8	1	4.9	3	7.7	VAN BUREN MI	3	57	62	64	82
1	3.0	6	13.6	3	2.9	WASHTENAW MI	353	-79	-3	37	67
105	6.6	151	6.4	201	6.9	WAYNE MI	-3	9	5	43	79
9	6.3	14	7.3	16	4.6	MINNESOTA MN	17	-37	-26		
				1	3.7	BELTRAMI MN					68
				1*	109.1	BLUE EARTH MN					99
2*	37.1					CASS MN					
		1*	81.8			CLEARWATER MN					
3	4.4	7	9.1	10	5.8	HENNEPIN MN	109	-36	34	55	75
1*	53.6	1*	38.5			ITASCA MN	-28				
		1*	422.1			MARTIN MN					
2	6.8	4	8.6	4	6.9	RAMSEY MN	26	-19	2	40	79
1	5.3					ST LOUIS MN					
168	4.3	233	6.3	250	6.8	MISSISSIPPI MS	49	7	59		
3	3.5	6	8.5	7	8.9	ADAMS MS	146	4	156	82	84
2	14.0			2	14.1	ALCORN MS			1	39	92
3	9.4	4	12.5	2	7.4	AMITE MS	33	-40	-21	28	81
4	9.9	3	7.3	4	7.9	ATTALA MS	-26	8	-21	29	82
				1	12.3	BENTON MS					90
4	2.2	8	4.5	6	4.3	BOLIVAR MS	106	-4	98	73	71
2	11.7	1	7.8	1	4.4	CALHOUN MS	-33	-44	-62	09	71
		2	8.7	3	14.8	CARROLL MS		70			92
1	4.0	3	11.7	1	3.7	CHICKASAW MS	190	-68	-8	34	68
1	12.6					CHOCTAW MS					
1	2.5	1	2.5	1	3.5	CLAIBORNE MS	2	38	41	58	68
1	3.0	3	8.2	4	18.8	CLARKE MS	175	131	534	97	94
1	2.2	4	9.0	3	7.3	CLAY MS	306	-18	233	89	80
7	4.8	12	10.9	8	6.8	COAHOMA MS	126	-37	42	58	78
5	9.4	5	8.9	5	8.9	COPIAH MS	-6	0	-5	36	84
1	4.9	1	5.9	2	6.8	COVINGTON MS	20	15	38	57	78
1	2.0	2	3.9	3	5.7	DE SOTO MS	100	46	192	65	75
6	12.4	3	4.9	5	6.8	FORREST MS	-61	38	-46	15	78
		1	5.3	3*	18.2	FRANKLIN MS		246			94
		1	8.8			GEORGE MS					
1	9.2					GREENE MS					
1	2.5	1	2.6	7*	17.4	GRENADA MS	5	563	597	97	94
		1	10.7	1	7.3	HANCOCK MS		-32			80
3	3.5	3	2.8	8	8.1	HARRISON MS	-20	186	128	79	83
11	5.0	14	5.0	28	8.1	HINDS MS	-1	62	60	63	83
3	2.7	7	9.4	6	7.5	HOLMES MS	248	-21	176	84	81
3	4.8	1	1.5	1	1.4	HUMPHREYS MS	-70	-1	-70	06	65
1	11.5	1	6.3			ISSAQUENA MS	-45				
		1	2.6	1	1.2	JACKSON MS		-53			64
		3	10.2	1	2.2	JASPER MS		-78			66
2	2.8	1	2.8	2	6.1	JEFFERSON MS	-2	120	117	77	76
2	7.1	2	7.6	2	6.4	JEFFERSON DAVIS MS	6	-15	-10	33	77
2	2.4	3	4.8	7	12.2	JONES MS	97	155	402	95	90
4	10.8	2	7.5			KEMPER MS	-31				
1	4.2	3	9.7	3	12.0	LAFAYETTE MS	128	24	183	84	89
		2*	27.3	1	9.9	LAMAR MS		-64			86
4	4.2	3	2.1	3	3.1	LAUDERDALE MS	-50	50	-26	25	67
2	12.9	2	9.6			LAWRENCE MS	-26				
2	9.9	1	3.4	4	9.7	LEAKE MS	-66	187	-2	38	86
2	3.8	2	3.5	3	6.9	LEE MS	-9	96	79	69	79
7	4.1	9	7.9	10	8.9	LEFLORE MS	93	12	116	76	84
		1	2.4	8*	22.6	LINCOLN MS		826			95
5	8.7	2	3.2	1	.9	LOWNDES MS	-63	-71	-90	00	64
5	5.2	4	4.0	2	2.4	MADISON MS	-23	-41	-55	13	66
		3	10.0			MARION MS					
1	.8	4	5.8	7	12.2	MARSHALL MS	664	108	1492	99	90
4	7.0	1	2.3	5	10.6	MONROE MS	-67	356	51	60	88
		1	3.6	2	6.4	MONTGOMERY MS		77			77
1	3.6			2	9.7	NESHOBA MS			172	83	86
1	2.1	3	10.9	2	7.3	NEWTON MS	424	-33	251	69	80
2	3.2	4	7.6	2	4.4	NOXUBEE MS	139	-43	36	56	71
		2	6.2	3	7.3	OKTIBBEHA MS		17			80
1	1.5	1	1.0	5	8.3	PANOLA MS	-38	776	446	96	83
1	5.7	1	2.6	2	12.9	PEARL RIVER MS	-53	387	127	79	91
1	9.6					PERRY MS					
1	1.2	2	3.3	3	4.8	PIKE MS	170	45	291	92	72
				2	13.6	PONTOTOC MS					91
				1	5.4	PRENTISS MS					74
4	8.2	2	3.5	5	10.4	QUITMAN MS	-57	197	27	52	87
5	8.2	4	7.1	6	10.3	RANKIN MS	-13	44	25	51	67
3	8.6	1	3.3	4	12.4	SCOTT MS	-62	280	44	59	90
2	6.9	1	3.3	2	9.9	SHARKEY MS	-53	203	43	58	86
2	7.6	9*	34.2	2	7.6	SIMPSON MS	349	-78	0	39	81
				1	8.2	SMITH MS					83
1	11.8	1	14.1	1	6.9	STONE MS	19	-51	-42	17	78
7	5.0	7	6.8	10	11.2	SUNFLOWER MS	35	66	125	78	89
		5	6.2	2	3.5	TALLAHATCHIE MS		-43			68
1	2.8	1	3.5	2	5.6	TATE MS	28	58	103	74	74
		2	12.0	1	6.6	TIPPAH MS		-45			78
		1	19.1			TISHOMINGO MS					
2	3.6	2	4.2	3	10.2	TUNICA MS	18	145	188	65	87
1	8.4	1	8.2	1	6.3	UNION MS	-3	-23	-25	25	77
4*	15.8	5*	25.3			WALTHALL MS	61				
6	6.1	9	9.8	2	2.1	WARREN MS	60	-78	-65	08	65
5	2.6	20*	12.2	8	4.4	WASHINGTON MS	376	-64	73	68	71
1	4.8	2	8.8			WAYNE MS	85				
				2	19.3	WEBSTER MS					95
1	1.1			1	2.1	WILKINSON MS			86	70	65
1	3.0	1	3.7			WINSTON MS	26				
1	1.6	3	12.1	1	4.1	YALOBUSHA MS	635	-66	152	82	70
4	4.1	5	5.6			YAZOO MS	35				

SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE 1950-1959		1960-1969		1970-1979		LEUKEMIAS COUNTY AND STATE		PERCENT CHANGE			ICD 202.4,203.1,204-208 PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
92	6.0	119	6.4	145	6.9	MISSOURI	MO	7	8	15		
1	8.6					AUDRAIN	MO					
				1*	267.9	BATES	MO					99
1	6.4	1	6.7			BOONE	MO	5				
		1	4.6	2	12.5	BUCHANAN	MO		169			90
		2	13.9			BUTLER	MO					
		1	29.6			CAPE GIRARDEAU	MO					
				1	16.7	CHARITON	MO					93
		1	28.4			CLAY	MO					
				1*	47.2	CLINTON	MO					98
1	14.5					COOPER	MO					
				1	19.1	FRANKLIN	MO					95
		1	7.6			GREENE	MO					
				1	12.6	HOWARD	MO					90
20	7.4	29	6.8	39	7.8	JACKSON	MO	-8	14	5	42	82
				1	12.7	JASPER	MO					90
1*	24.9					JOHNSON	MO					
2*	62.6			1*	49.2	LEWIS	MO			-21	28	98
1*	14.5					LINCOLN	MO					
		2*	24.1	2*	23.5	MARION	MO		-3			96
1	5.5	1	4.6			MISSISSIPPI	MO	-17				
1*	74.5					MORGAN	MO					
1	3.9	2	7.3	1	4.7	NEW MADRID	MO	88	-35	22	49	72
1	1.8	5	12.3	2	10.9	PEMISCOT	MO	581	-11	505	96	88
				1	6.4	PETTIS	MO					83
1	14.0	1	8.4	1	8.0	PIKE	MO	-40	-4	-43	17	83
		1*	20.6			RAY	MO					
				1*	245.5	ST CLAIR	MO					99
3	4.0	1	.4	15	5.8	ST LOUIS COUNTY	MO	-91	1488	44	59	75
1	7.2	4*	38.5			SALINE	MO	437				
		1	6.9			SCOTT	MO					
				1*	37.5	SHELBY	MO					97
1	15.3			2*	54.6	STODDARD	MO			257	90	98
55*	7.0	65	7.1	71	7.3	ST LOUIS CITY	MO	0	3	3	42	80
7	7.8	7	7.1	7	7.7	MONTANA	MT	-9	8	-1		
2*	10.8	2	6.6			BIG HORN	MT	-39				
		1	6.3			BLAINE	MT					
				3*	61.7	CASCADE	MT					98
		1*	112.4	1*	267.9	GALLATIN	MT		138			99
2	16.8					GLACIER	MT					
		1	28.3			HILL	MT					
1*	22.8					LEWIS AND CLARK	MT					
		1	10.5	3*	32.9	ROOSEVELT	MT		214			97
1*	60.7					SANDERS	MT					
1*	112.4					SILVER BOW	MT					
		1	40.9			YELLOWSTONE	MT					
10	7.7	9	5.7	15	8.0	NEBRASKA	NB	-27	40	3		
		1*	49.2			ADAMS	NB					
10*	10.8	7	5.9	10	8.0	DOUGLAS	NB	-45	35	-26	25	82
				2*	168.2	KNOX	NB					99
				1	2.2	LANCASTER	NB					65
		1	14.7	2*	22.5	THURSTON	NB		53			95
5	9.2	7	6.2	11	4.6	NEVADA	NV	-33	-26	-50		
				1*	70.7	CHURCHILL	NV					98
3	7.3	4	5.9	7	3.6	CLARK	NV	-20	-38	-50	14	68
		1	7.9			ELKO	NV					
1*	62.9					HUMBOLDT	NV					
1	7.5	2	14.1	3	8.0	WASHOE	NV	88	-43	6	43	82
				2	9.6	NEW HAMPSHIRE	NH					
				1*	133.9	CARROLL	NH					99
				1	7.2	ROCKINGHAM	NH					80
90	5.1	128	5.5	206	6.4	NEW JERSEY	NJ	8	16	25		
5	4.0	11	7.6	6	4.0	ATLANTIC	NJ	89	-47	-1	38	69
4	5.6	5	4.9	10	5.5	BERGEN	NJ	-12	11	-2	38	74
2	3.8	7	7.3	3	4.2	BURLINGTON	NJ	93	-42	12	45	70
8	6.8	7	2.8	15	6.5	CAMDEN	NJ	-58	129	-4	36	77
		2	8.5			CAPE MAY	NJ					
4	6.4			5	7.8	CUMBERLAND	NJ			22	49	82
25	4.3	44	5.8	63	6.6	ESSEX	NJ	36	13	54	61	78
6*	14.6	4	8.1	11*	15.9	GLOUCESTER	NJ	-45	97	8	44	93
2	2.7	14	9.8	17	6.7	HUDSON	NJ	269	-32	152	82	78
9	7.0	6	2.6	13	5.5	MERCER	NJ	-62	111	-21	28	74
5	9.1	4	6.0	15*	10.8	MIDDLESEX	NJ	-34	80	19	48	88
5	4.0	8	5.7	9	4.3	MONMOUTH	NJ	40	-24	6	43	70
		1	6.2	4	8.2	MORRIS	NJ		32			83
		1	5.4	2	3.5	OCEAN	NJ		-35			68
5	12.3	2	1.3	14	9.3	PASSAIC	NJ	-90	626	-24	26	85
1	2.7	2	8.9			SALEM	NJ	234				
2	14.9	4*	16.0	2	2.5	SOMERSET	NJ	7	-84	-83	02	66
7	4.6	6	3.6	16	6.3	UNION	NJ	-23	77	37	56	77
				1	26.5	WARREN	NJ					96
10	3.3	13	3.4	16	2.8	NEW MEXICO	NM	4	-19	-15		
2	8.9	2	6.2	2	1.1	BERNALILLO	NM	-30	-82	-87	01	64
1	16.1					CHAVES	NM					
				1	9.9	CURRY	NM					86
1	17.2					DONA ANA	NM					
				1	10.9	EDDY	NM					88

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE LEUKEMIAS ICD 202.4,203.1,204-208

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	1.1	4	3.4	1	1.5	MC KINLEY	NM	210	-57	34	54	65
2*	15.3			1	6.4	OTERO	NM			-58	11	77
1	6.2			3	12.8	RIO ARRIBA	NM			107	74	91
1	5.6	3	11.4			SANDOVAL	NM	104				
		2	1.3	4	3.4	SAN JUAN	NM		167			68
1	12.4			1	1.9	SANTA FE	NM			-85	02	65
				1	9.8	SOCORRO	NM					66
		2	8.9	1	5.7	VALENCIA	NM		-36			75
297*	6.4	385	5.7	357	5.9	NEW YORK	NY	-11	3	-8		
2	3.9	6	9.9	6	10.3	ALBANY	NY	153	4	164	83	87
30	7.1	39	4.4	71	5.1	BRONX	NY	-39	17	-28	24	73
2*	47.1					BROOME	NY					
				1	15.7	CATTARAUGUS	NY					93
				1	12.6	CHEMUNG	NY					90
1*	81.8					CHENANGO	NY					
				5*	70.0	COLUMBIA	NY					98
2	4.1	5	8.3	2	2.1	DUTCHESS	NY	100	-74	-48	14	65
19*	10.3	26	8.7	31	7.9	ERIE	NY	-15	-10	-24	26	82
				1	23.6	GREENE	NY					96
69*	6.3	73	4.2	135	5.8	KINGS(BROOKLYN)	NY	-33	38	-8	34	75
3	7.0	6	4.4	12	5.7	MONROE	NY	-38	30	-20	29	74
6	7.8	12	10.1	14	3.2	NASSAU	NY	30	-68	-59	10	67
110*	6.0	129	7.0	141	6.5	NEW YORK(MANHATTAN)	NY	17	-8	8	44	77
1	6.0	3	10.6	4	12.8	NIAGARA	NY	78	20	114	75	91
				1	5.0	ONEIDA	NY					73
1	1.5	5	10.2	4	4.0	ONONDAGA	NY	577	-61	166	83	69
2	3.0	6	11.3	3	3.8	ORANGE	NY	273	-66	26	51	69
22	5.7	39	5.4	77	5.8	QUEENS	NY	-6	9	3	41	75
1	5.4			1	12.8	RENSSELAER	NY			136	80	91
2	4.8	1	1.8	5	6.3	RICHMOND	NY	-62	241	31	54	77
1	3.2	3	8.4	3	4.1	ROCKLAND	NY	160	-52	26	51	69
1*	12.8					SARATOGA	NY					
1	11.9			1	2.6	SCHENECTADY	NY			-78	04	66
1*	19.7	1	31.6			STEUBEN	NY	61				
6	4.9	13	7.0	10	4.1	SUFFOLK	NY	43	-41	-16	31	70
1	42.4			1	3.6	SULLIVAN	NY			-91	00	68
2*	41.1	1	18.2	2	22.8	TOMPKINS	NY	-56	25	-45	16	95
2	18.1	1	2.6	1	4.3	ULSTER	NY	-86	65	-76	04	70
9	6.6	16	6.8	24	6.4	WESTCHESTER	NY	4	-5	-2	38	77
221	5.4	291	6.9	352*	7.5	NORTH CAROLINA	NC	27	9	38		
4	7.9	7	12.3	2	2.3	ALAMANCE	NC	57	-81	-70	06	66
		1	27.0	2*	22.5	ALEXANDER	NC		-16			95
2	3.2	3	7.5	2	4.9	ANSON	NC	136	-34	56	61	72
2	4.6	3	6.0	5	9.1	BEAUFORT	NC	31	52	99	73	85
3	9.4	2	4.2	7*	14.4	BERTIE	NC	-55	240	54	61	92
4	5.6	6*	17.3	1	1.9	BLADEN	NC	208	-89	-67	07	65
		1	5.3			BRUNSWICK	NC					
12*	19.9	5	7.2	2	3.0	BUNCOMBE	NC	-64	-59	-85	01	67
1	11.5			2	8.8	BURKE	NC			-23	27	84
1	1.9			5	11.3	CABARRUS	NC			506	96	89
3*	18.1	3*	37.5			CALDWELL	NC	107				
2*	25.3	1	11.6			CAMDEN	NC	-54				
		1	14.9	3*	33.5	CARTERET	NC		125			97
3	7.1			1	3.1	CASWELL	NC			-56	12	67
2	12.5			3	7.1	CATAWBA	NC			-43	16	79
3	11.4			3	7.2	CHATHAM	NC			-37	20	80
		1*	51.0			CHEROKEE	NC					
		1	2.6	1	4.7	CHOWAN	NC		80			72
2	3.8	3	5.5	6	14.6	CLEVELAND	NC	46	165	286	91	92
		2	4.1	5	7.6	COLUMBUS	NC		86			81
		3	5.1	7	10.9	CRAVEN	NC		113			88
5	4.0	7	3.3	12	9.9	CUMBERLAND	NC	-16	197	148	81	86
1	12.3					CURRITUCK	NC					
2	4.5	2	4.5	2	6.1	DAVIDSON	NC	0	36	36	55	76
1	13.8	1	12.2			DAVIE	NC	-12				
2	5.0	4	7.3	5	8.9	DUPLIN	NC	47	22	79	69	84
6	6.9	15	9.8	16	8.2	DURHAM	NC	43	-16	19	48	83
10*	8.0	7	7.1	5	6.5	EDGECOMBE	NC	-12	-8	-19	29	77
6	4.4	10	6.0	22*	11.1	FORSYTH	NC	35	84	154	82	89
1	1.0	5	12.2	3	6.5	FRANKLIN	NC	1133	-47	555	97	77
1	1.6	3	4.9	4	7.7	GASTON	NC	207	56	379	95	81
2	9.9	1	3.3			GATES	NC	-67				
		1*	102.3			GRAHAM	NC					
1	1.7	3	5.7	3	4.9	GRANVILLE	NC	235	-14	187	85	72
		3	17.8	2	12.8	GREENE	NC		-28			91
15*	8.8	16	6.8	18	5.9	GUILFORD	NC	-23	-12	-33	22	75
6	5.8	4	3.5	9	9.4	HALIFAX	NC	-40	168	61	64	85
2	3.3	2	2.9	5	8.4	HARNETT	NC	-13	194	155	82	83
		2*	22.5			HENDERSON	NC					
4	7.7	4	6.9	3	5.1	HERTFORD	NC	-11	-26	-34	22	73
2	6.5			2	5.2	HOKE	NC			-20	29	73
3	6.4	2	7.7	2	4.2	IREDELL	NC	20	-46	-35	20	70
				1	14.1	JACKSON	NC					91
4	10.3	7*	19.1	2	3.5	JOHNSTON	NC	85	-81	-66	08	68
1	9.0	1	3.0	2	12.2	JONES	NC	-67	308	36	55	90
1	3.8	5*	30.5	1	5.0	LEE	NC	707	-84	31	54	73
5	4.8	6	6.2	4	4.1	LENOIR	NC	30	-35	-15	31	69
		1	4.0	1	9.8	LINCOLN	NC		146			86
1	19.9	1	19.1			MC DOWELL	NC	-4				
				1*	112.4	MADISON	NC					99
		5	8.5	3	5.4	MARTIN	NC		-37			74
15	8.7	13	4.8	24	8.3	MECKLENBURG	NC	-45	75	-4	36	83
1	4.6			2	9.8	MONTGOMERY	NC			114	76	86
2	5.9	3	6.4			MOORE	NC	9				
2	1.1	3	3.9	11*	17.4	NASH	NC	249	342	1446	99	94
4	4.1	6	7.5	5	6.6	NEW HANOVER	NC	84	-12	63	65	78
2	2.0	1	1.8	4	6.6	NORTHAMPTON	NC	-14	272	222	88	77

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

LEUKEMIAS ICD 202.4,203.1,204-208

NON-WHITE MALE 1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
				3	11.8	ONSLOW NC					89
1	1.6	6*	15.2	1	2.2	ORANGE NC	823	-85	35	55	65
1	8.1	1	7.1			PAMLICO NC	-12				
		4	9.8	3	7.9	PASQUOTANK NC		-19			82
		1	1.8	1	2.6	PENDER NC		46			66
		2	24.4	1	5.4	PERQUIMANS NC		-78			74
		1	1.6	4	9.7	PERSON NC		508			86
4	6.0	3	2.2	6	5.5	PITT NC	-63	150	-7	35	74
				2*	42.4	POLK NC					98
1	3.2	2	9.0	1	3.7	RANDOLPH NC	179	-58	16	47	68
4	9.2	4	7.6	4	7.6	RICHMOND NC	-18	0	-18	30	81
11	6.7	12	9.0	24*	11.4	ROBESON NC	34	28	71	67	69
4	7.6	8*	11.8	4	7.1	ROCKINGHAM NC	56	-40	-6	35	80
4	6.0	2	2.9	3	4.8	ROWAN NC	-53	67	-21	28	72
2	12.7	1	5.0	4*	15.1	RUTHERFORD NC	-60	200	19	48	92
6	7.8	8	12.9	3	5.1	SAMPSON NC	66	-61	-35	21	73
6*	14.3			4	9.3	SCOTLAND NC			-35	21	85
1	8.2	2	15.0	3	19.0	STANLY NC	84	26	131	79	95
		2*	26.0	1	7.1	STOKES NC		-73			80
				3*	24.9	SURRY NC					96
				1	10.4	SWAIN NC					87
		1*	28.8			TRANSYLVANIA NC					
		3	12.5	3	11.3	UNION NC		-9			89
5	8.4	5	10.7	9*	15.5	VANCE NC	29	45	86	70	93
9	5.6	15	9.2	10	4.3	WAKE NC	64	-53	-23	27	70
1	1.1	1	2.3	5	10.4	WARREN NC	109	358	860	98	87
3	19.8	4*	19.6	1	4.2	WASHINGTON NC	-1	-79	-79	03	70
4	2.7	5	4.0	8	6.5	WAYNE NC	50	61	142	80	77
2	1.8	10*	10.7	6	6.8	WILSON NC	506	-36	266	92	78
		1	47.2	3*	56.6	YADKIN NC		20			98
2	2.3	2	4.3	5	6.3	NORTH DAKOTA ND	88	46	174		
		1	23.6			BENSON ND					
				1*	23.8	BURLEIGH ND					96
		1*	28.9			DUNN ND					
				1*	18.0	MOUNTRAIL ND					94
1	4.0			1	6.1	ROLETTE ND			53	60	76
1	6.3			1	16.1	SIOUX ND			153	82	93
				1*	27.8	WILLIAMS ND					97
165	6.5	244	7.3	331*	8.7	OHIO OH	12	19	33		
1	3.7	3	10.1	3	13.1	ALLEN OH	176	29	255	90	91
				2	15.2	ASHTABULA OH					92
1*	39.1					BROWN OH					
3	6.4	3	9.0	5	13.1	BUTLER OH	40	45	104	74	91
		1	32.7			CHAMPAIGN OH					
3	6.7			5	9.6	CLARK OH			43	58	86
				3*	77.5	CLERMONT OH					99
1*	28.7					CLINTON OH					
1	9.9	2*	27.5			COLUMBIANA OH	176				
39	5.7	84	7.8	99	7.8	CUYAHOGA OH	37	0	37	56	82
1*	29.8					DARKE OH					
1*	31.5					DELAWARE OH					
2	14.2	1	6.9			ERIE OH	-52				
				1*	62.9	FAIRFIELD OH					98
1*	14.9	1	47.2			FAYETTE OH	217				
24*	8.4	16	4.2	37	9.0	FRANKLIN OH	-50	116	7	44	85
1*	168.7					FULTON OH					
1	16.1			1	12.8	GALLIA OH			-21	28	91
				1	21.0	GEAUGA OH					95
4*	17.0	2	7.3			GREENE OH	-57				
				1	27.1	GUERNSEY OH					96
29	6.7	52*	9.5	62*	10.5	HAMILTON OH	42	11	57	62	87
				1*	54.2	HARRISON OH					98
3	12.8	4*	16.2	1	3.9	JEFFERSON OH	26	-76	-69	06	69
		1*	74.3			KNOX OH					
		1	7.1	1	10.1	LAKE OH		43			87
		1	7.4			LAWRENCE OH					
3	5.3	3	3.7	5	6.9	LORAIN OH	-30	87	30	54	79
9	4.8	17	11.9	19	9.6	LUCAS OH	149	-19	101	74	86
		1	5.7			MADISON OH					
8	6.9	6	3.6	18*	10.9	MAHONING OH	-48	207	58	63	88
				2*	40.8	MARION OH					98
				1	12.1	MIAMI OH					89
16	8.7	17	6.5	22	6.7	MONTGOMERY OH	-26	4	-23	27	78
1	6.6	2	12.1	1	6.8	MUSKINGUM OH	83	-44	3	41	78
1*	54.6					OTTAWA OH					
		1	10.2	2	11.0	PORTAGE OH		9			88
		1*	172.0			PREBLE OH					
2	9.0	1	5.4	4	16.9	RICHLAND OH	-40	215	88	71	93
1	5.2	1	5.1			ROSS OH	-3				
1	.9	3	3.7	15*	17.0	STARK OH	292	361	1707	99	94
6	5.2	13	9.5	13	6.7	SUMMIT OH	81	-30	28	53	78
		5	6.9	4	6.6	TRUMBULL OH		-5			78
				1	22.3	TUSCARAWAS OH					95
1*	18.8			1	34.2	WASHINGTON OH			81	69	97
		1	22.3			WAYNE OH					
50	5.0	87	7.9	78	5.5	OKLAHOMA OK	58	-31	9		
				2	7.4	ADAIR OK					80
2*	37.1			1	9.8	ATOKA OK			-73	05	66
2*	30.7	1	13.7	1	12.5	BLAINE OK	-55	-9	-59	10	90
1	7.8	2	9.7			CADDO OK	25				
				1	21.0	CANADIAN OK					95
2	11.4	2	8.5	3	9.6	CARTER OK	-25	12	-15	31	86
3*	20.5	1	7.5	1	3.3	CHEROKEE OK	-64	-56	-84	02	67
		2	9.3	2	8.4	CHOCTAW OK		-9			83
		5	11.3	5	10.1	COMANCHE OK		-11			87

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
2	11.2					CREEK OK					
		1	20.4			CUSTER OK					
1	5.2	1	6.1			DELAWARE OK	17				
		1	11.9			GARFIELD OK					
1	18.7					GARVIN OK					
				2*	16.8	GRADY OK					93
1	9.3			1	6.8	HUGHES OK			-26	25	78
1	4.4	2*	27.8			JACKSON OK	533				
				1	28.1	JOHNSTON OK					97
		3*	24.2			KAY OK					
1	15.8	1	13.5			KIOWA OK	-14				
				1	15.6	LATIMER OK					93
1	6.9	1	12.2	1	5.2	LE FLORE OK	77	-57	-24	26	73
				1	18.9	LINCOLN OK					94
1	4.8	1	3.7			LOGAN OK	-22				
3	10.7	2	4.7	1	3.5	MC CURTAIN OK	-56	-25	-67	07	68
2	14.2	1	5.9			MC INTOSH OK	-58				
		1	8.2	2	14.4	MAYES OK		76			92
1	1.0	5	7.0	6	8.3	MUSKOGEE OK	608	18	736	98	83
1	7.0	2	20.1	1	4.5	OKFUSKEE OK	186	-77	-36	20	71
8	6.5	24*	11.8	18	6.7	OKLAHOMA OK	61	-43	2	41	78
1	2.2	2	4.3	4	8.3	OKMULGEE OK	99	92	282	91	83
				1	7.9	OSAGE OK					82
				1	4.4	OTTAWA OK					71
1*	10.7	1	24.4			PAWNEE OK	128				
		1	11.2	2	26.1	PAYNE OK		134			96
2	8.3	1	4.5	2	6.3	PITTSBURG OK	-46	39	-24	26	77
				1	7.6	PONTOTOC OK					81
1	6.9	2	10.3	3*	19.8	POTTAWATOMIE OK	50	93	189	85	95
1*	13.2					PUSHMATAHA OK					
		1	17.9			ROGERS OK					
2	6.9	1	5.4	2	7.1	SEMINOLE OK	-22	33	3	42	80
1	6.9	2	14.9	1	4.3	SEQUOYAH OK	115	-71	-37	19	70
		1	11.8			TILLMAN OK					
6	4.8	15	10.6	8	3.3	TULSA OK	120	-69	-32	23	67
1	5.8	1	6.6	2	10.7	WAGONER OK	12	64	84	70	88
7	5.0	10	5.1	9	3.1	OREGON OR	2	-39	-38		
		1*	37.2	1	94.4	BENTON OR		154			99
		1	12.8	1	11.2	CLACKAMAS OR		-12			89
				1	9.4	LANE OR					85
		1	15.1			MALHEUR OR					
6	7.4	7	6.2	6	3.3	MULTNOMAH OR	-17	-47	-55	12	67
1	19.5					UMATILLA OR					
208*	6.5	269	7.2	327*	7.8	PENNSYLVANIA PA	10	9	19		
		1*	98.2	1*	14.8	ADAMS PA		-85			92
31	5.0	59*	9.1	47	7.1	ALLEGHENY PA	81	-22	41	58	80
				1	26.5	ARMSTRONG PA					96
4	8.8	3	6.1	5	11.6	BEAVER PA	-31	92	32	54	89
		1*	122.7			BEDFORD PA					
		5*	21.1	1	1.2	BERKS PA		-94			64
1	27.0					BLAIR PA					
2	18.3	1	2.2	2	3.2	BUCKS PA	-88	43	-82	03	67
2	33.3			1	6.3	CAMBRIA PA			-81	03	77
1*	267.9					CARBON PA					
2	2.4	5	6.3	9	11.0	CHESTER PA	161	73	351	94	88
1*	56.2			1*	94.4	CLEARFIELD PA			68	66	99
				1*	172.0	COLUMBIA PA					99
				2*	39.0	CRAWFORD PA					97
3	4.3	11*	11.9	4	4.0	DAUPHIN PA	180	-66	-5	36	69
12	7.8	16	10.4	18	9.7	DELAWARE PA	34	-7	24	50	86
2	5.9	2	10.5	1	1.5	ERIE PA	76	-86	-75	04	65
3	8.1	3	6.3	5	14.7	FAYETTE PA	-23	135	81	69	92
		1	9.2	1	12.3	FRANKLIN PA		33			90
				1	14.9	LACKAWANNA PA					92
2	16.2			5*	20.4	LANCASTER PA			26	51	95
		1	8.4	1	5.8	LAWRENCE PA		-30			75
1*	59.6					LEBANON PA					
1*	29.5			1	8.2	LEHIGH PA			-72	05	83
1	13.2			2	23.0	LUZERNE PA			74	68	95
1	15.6					LYCOMING PA					
2	17.2	2	8.4			MERCER PA	-51				
1*	84.8					MIFFLIN PA					
5	7.5	5	4.9	8	6.3	MONTGOMERY PA	-35	29	-16	31	77
		1*	84.4	2*	135.6	NORTHUMBERLAND PA		61			99
126*	6.7	143	6.5	197*	7.8	PHILADELPHIA PA	-4	20	16	47	82
				1*	74.3	VENANGO PA					99
2	4.8	4	7.8	3	7.4	WASHINGTON PA	62	-5	53	61	80
1	4.0	2	6.0	4	11.0	WESTMORELAND PA	49	82	172	83	88
1	3.9	3	18.0	2	10.3	YORK PA	362	-43	163	83	87
5	7.3	6	4.7	4	3.0	RHODE ISLAND RI	-36	-36	-59		
		1*	22.2			KENT RI					
		1	1.2			NEWPORT RI					
4	8.3	4	5.7	4	3.9	PROVIDENCE PI	-31	-32	-53	13	69
1	13.0					WASHINGTON RI					
116	3.8	155	5.3	170	5.5	SOUTH CAROLINA SC	41	3	45		
1	4.8			2	8.2	ABBEVILLE SC			70	67	83
		6	7.8	5	5.5	AIKEN SC		-29			74
		3	12.6	2	9.3	ALLENDALE SC		-27			85
1	.9	7	9.4	3	4.2	ANDERSON SC	889	-56	338	93	70
3	13.9			3	10.2	BAMBERG SC			-27	25	87
2	6.0			2	5.9	BARNWELL SC			-3	37	75
		5	9.3	4	5.9	BEAUFORT SC		-37			75
		4	6.9	4	4.4	BERKELEY SC		-36			71

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE

LEUKEMIAS ICD 202.4,203.1,204-208

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				2	6.5	CALHOUN	SC					77
14	4.8	13	4.2	8	2.1	CHARLESTON	SC	-11	-50	-55	12	65
1	5.6	2	7.5	3	12.2	CHEROKEE	SC	36	61	119	77	90
1	2.0	1	2.4	8*	22.2	CHESTER	SC	21	822	1012	99	95
6*	9.9	2	5.1	4	9.9	CHESTERFIELD	SC	-48	94	0	39	86
1	.4	4	7.1	2	5.0	CLARENDON	SC	1559	-30	1054	99	72
3	3.8	3	3.8	4	6.8	COLLETON	SC	0	80	80	69	78
3	4.3	3	3.6	3	3.3	DARLINGTON	SC	-17	-7	-22	27	67
1	2.9	3	8.0	2	5.7	DILLON	SC	179	-54	29	53	68
1	3.5	2	3.4	1	1.9	DORCHESTER	SC	-2	-43	-45	16	65
2	4.0			2	4.7	EDGEFIELD	SC			16	47	72
1	2.5	1	2.9	1	2.3	FAIRFIELD	SC	15	-20	-8	34	66
7	5.6	1	1.4	11	6.9	FLORENCE	SC	-74	388	25	50	79
3	4.5	3	4.4	2	3.0	GEORGETOWN	SC	-3	-31	-33	22	67
7	4.8	11	8.2	8	6.6	GREENVILLE	SC	72	-19	39	57	78
3	5.2	3	5.5	3	4.4	GREENWOOD	SC	6	-21	-16	31	71
		2	5.3	4	12.2	HAMPTON	SC		129			90
4	10.2	5	10.8	2	4.8	HORRY	SC	6	-55	-53	14	72
		2	7.3	1	4.4	JASPER	SC		-39			71
		5	13.0	2	4.9	KERSHAW	SC		-62			72
2	5.5	1	3.5	6*	12.2	LANCASTER	SC	-39	266	124	77	90
2	4.6	4	6.6	3	6.3	LAURENS	SC	44	-4	38	57	77
1	3.4	1	2.9	1	3.0	LEE	SC	-15	3	-13	32	67
		1	3.0	4	7.2	LEXINGTON	SC		137			80
2	11.6			3	13.9	MC CORMICK	SC			20	49	91
1	1.4	3	6.4	2	4.0	MARION	SC	363	-38	188	85	69
1	1.7	1	2.3	3	5.5	MARLBORO	SC	35	138	221	87	74
1	2.5			4	9.6	NEWBERRY	SC			287	92	86
1	5.8	3	17.0	2	9.6	OCONEE	SC	192	-44	65	65	86
6	4.1	9	6.2	11	7.4	ORANGEBURG	SC	50	19	78	68	80
1	4.6	1	3.1	2	8.9	PICKENS	SC	-34	188	91	71	84
12	4.9	11	3.2	11	4.0	RICHLAND	SC	-33	24	-17	30	69
		3	18.6	1	6.3	SALUDA	SC		-66			77
8	5.6	11	7.1	8	5.6	SPARTANBURG	SC	27	-21	0	39	74
4	3.2	4	4.1	3	2.3	SUMTER	SC	28	-44	-29	24	66
3	8.8	3	10.0	1	1.9	UNION	SC	13	-81	-79	03	65
3	2.5	5	6.8	5	7.0	WILLIAMSBURG	SC	174	3	182	84	79
3	4.5	3	3.9	2	2.5	YORK	SC	-14	-34	-43	16	66
5	3.7	5	5.1	4	2.3	SOUTH DAKOTA	SD	36	-54	-37		
				1*	188.7	CUSTER	SD					99
		1	15.6			DEWEY	SD					
1*	42.4					JACKSON	SD					
				1*	18.9	MELLETTE	SD					94
2	6.0	2	8.8	1	3.2	SHANNON	SD	45	-63	-47	15	67
		1	5.1			TODD	SD					
				1*	46.9	WALWORTH	SD					98
1*	37.2					YANKTON	SD					
1*	9.9	1*	38.5			ZIEBACH	SD	288				
136	5.7	165	6.4	220*	8.0	TENNESSEE	TN	13	25	41		
1	37.2					ANDERSON	TN					
1	9.6	1	6.9	3*	24.5	BEDFORD	TN	-28	254	154	82	96
1	8.6					BLOUNT	TN					
1*	38.4	1*	109.3			CAMPBELL	TN	185				
1	7.8	1	5.6	1	10.4	CARROLL	TN	-28	86	33	54	87
				1*	49.7	CHEATHAM	TN					98
		1	12.6			CHESTER	TN					
1*	149.1					CLAY	TN					
2	13.2			1	8.4	CROCKETT	TN			-37	20	83
15	4.8	16	4.9	28	7.9	DAVIDSON	TN	1	62	64	65	82
5	7.2	2	3.0	6	10.0	FAYETTE	TN	-59	236	39	57	87
5	11.6	1	2.0	1	3.0	GIBSON	TN	-83	50	-74	05	67
		2	10.1	2	11.1	GILES	TN		9			88
14	8.0	20*	10.8	17	7.6	HAMILTON	TN	35	-29	-5	36	81
				1*	196.4	HANCOCK	TN					99
1	3.6	3	9.0	2	4.6	HARDEMAN	TN	152	-49	29	53	71
1	19.1			1	17.7	HARDIN	TN			-8	34	94
1	21.2	1	12.6	1	23.8	HAWKINS	TN	-41	89	12	46	96
3	4.7	1	1.8	6	13.8	HAYWOOD	TN	-63	684	192	86	91
2	10.3	2	11.3	2	16.9	HENRY	TN	9	50	64	65	94
1*	18.7					HICKMAN	TN					
1*	36.4					HUMPHREYS	TN					
				1	28.1	JEFFERSON	TN					97
6	6.4	12*	11.5	5	4.4	KNOX	TN	79	-62	-32	23	71
		1	12.4			LAKE	TN					
		1	2.4	4	12.0	LAUDERDALE	TN		400			89
		2	14.4			LINCOLN	TN					
		1*	37.8			LOUDON	TN					
		1	12.6			MC MINN	TN					
				1	17.7	MC NAIRY	TN					94
				1*	56.2	MACON	TN					98
4	4.8	6	5.4	7	7.0	MADISON	TN	13	29	46	59	79
1	9.7			1	17.2	MARION	TN			77	68	94
1	8.3	2*	26.3	2*	21.1	MARSHALL	TN	219	-20	156	83	95
4	9.2	1	2.6	2	5.4	MAURY	TN	-71	107	-41	18	74
2	3.3	2	4.4	3	7.6	MONTGOMERY	TN	32	72	127	79	81
		1*	86.0			MOORE	TN					
		1	6.2	1	7.4	OBION	TN		19			81
		1*	133.9			PERRY	TN					
1*	38.2					PUTNAM	TN					
				1*	47.2	RHEA	TN					98
		2*	23.3			ROANE	TN					
		1	6.6	4*	15.7	ROBERTSON	TN		137			93
2	6.4	1	1.8	2	6.0	RUTHERFORD	TN	-72	240	-6	35	75
53	6.4	66	6.7	105*	9.5	SHELBY	TN	4	42	47	60	85
1*	62.9			1*	43.3	SMITH	TN			-31	23	98
		3*	29.9	2	14.3	SULLIVAN	TN		-52			92
		1	4.8	2	9.7	SUMNER	TN		104			86

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE

LEUKEMIAS ICD 202.4,203.1,204-208

COUNTY AND STATE	1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
TIPTON TN	2	4.6	2	4.5	1	4.4	-2	-3	-5	36	71
WARREN TN	1*	54.6	1	15.8							
WHITE TN											
WILLIAMSON TN	1	6.1	2	9.9	1	5.8		-42			
WILSON TN			2	11.3							
TEXAS TX	221	4.7	369	6.8	461	6.1	84				75
ANDERSON TX	1	2.3	2	3.7	2	4.7	44	-11	28		
ANGELINA TX	2	7.0	3	10.7	2	6.1	65	25	107	74	72
AUSTIN TX	1	7.2	1	5.1			53	-43	-13	32	76
BASTROP TX	1	3.2			1	5.4	-29				
BEE TX	1*	60.3							70	67	74
BELL TX	2	5.5	5	11.1	2	5.0					
BEXAR TX	9	5.3	14	6.3	24	5.5	100	-55	-10	33	72
BOWIE TX	2	3.1	4	6.0	5	7.8	19	-12	5	43	74
BRAZORIA TX	1	3.8	2	4.8	7	12.7	92	30	149	61	82
BRAZOS TX					5	8.6	26	168	238	89	90
BUPLESON TX			2	10.5	1	13.4					84
CALDWELL TX			2	10.2	2	6.9		27			91
CALHOUN TX	1	5.7	1	6.1	1	14.9		-32			79
CAMP TX	1	2.1	2	7.6	1	8.9					92
CASS TX			1	9.1	3	9.1	6	47	56	62	84
CHAMBERS TX	2	5.1	4	9.5			258	19	327	93	85
CHEROKEE TX	1*	20.6			6	12.0					
CHILDRESS TX	1	2.7	2	9.5	1*	91.1	85	27	134	79	89
COLLIN TX									342	94	99
COLLINGSWORTH TX	1	3.2	1	3.7	1*	31.5	251				
COLOPADO TX					3	13.5					97
COOKE TX	26	6.4	1	86.0	1	19.1	16	263	320	92	91
CORYELL TX			52	8.4	1	38.5					95
DALLAS TX	1	7.9			63	6.9		-55			97
DAWSON TX	2	14.6			1	14.1	31	-18	8	44	79
DENTON TX	1*	42.2	2	11.5	1	8.0					92
DE WITT TX							-21		2	40	83
DICKENS TX	1	2.0			2	10.8					
ECTOR TX					1	3.2					
ELLIS TX			3	3.5	4	1.0					
EL PASO TX	4	12.1	1*	37.5					62	64	88
ERATH TX	2	8.1			1	2.4		-71			67
FALLS TX	1*	38.2			2	26.5					64
FAYETTE TX	2	5.0							-80	03	66
FISHER TX					5	10.0			226	88	96
FORT BEND TX					3	9.3					
FREESTONE TX					1*	32.2			98	72	87
GAINES TX	9	7.5	10	6.7	12	7.3					85
GALVESTON TX					4*	18.9	-11	9	-3	37	97
GONZALES TX			1	19.6	1	24.5					80
GRAY TX			5*	15.6	4	14.1					94
GRAYSON TX	4	6.7	5	7.7	3	4.2		26			96
GREGG TX			3	9.8	2	11.4		-10			92
GRIMES TX	1	6.0	4*	22.2	1	3.7	14	-45	-37	19	70
GUADALUPE TX	1	53.6			1	6.9		17			89
HALE TX					2*	61.4	272	-84	-39	19	68
HARDEMAN TX	1	5.8	1	4.5					-87	01	79
HARDIN TX	33	5.0	63	6.1	101	5.9					98
HARRIS TX	1	.8	3	2.8	7	7.1	-24				
HARRISON TX			2*	59.1			21	-2	19	48	75
HASKELL TX			1	18.9			256	153	798	98	79
HAYS TX	1	4.8	2	12.2	1	4.0					
HENDERSON TX	1	5.9	2	12.2	3*	16.2					
HILL TX			1	10.9			156	-67	-16	31	69
HOCKLEY TX			2	23.2	1	9.9	105	33	174	84	93
HOPKINS TX			3	8.2	2	5.7					
HOUSTON TX	1	6.9	1	4.1	2	7.0		-57			86
HUNT TX					1	9.6		-31			75
JACKSON TX	2	7.5	3	12.9	1	4.5	-40	70	1	40	79
JASPER TX	8	4.4	17	7.1	17	6.4					86
JEFFERSON TX	1	10.2	1	12.1			72	-65	-40	18	71
JOHNSON TX			1	16.6			62	-11	45	59	77
JONES TX	2	5.6			2*	34.2	18				
KAPNES TX			5	12.2	1	3.8					
KAUFMAN TX	1	3.3	1*	20.6							97
KNOX TX	1	15.8			3	7.7	117	-69	-32	23	69
LAMAR TX			3*	49.1	2*	14.8					
LAMB TX			2	18.8	1	5.8			138	80	82
LAVACA TX	2	9.1	3*	20.4			211	-70	-6	35	92
LEE TX	2	5.4			1	3.8		-69			75
LEON TX	2	5.7	5*	16.1	5*	15.9					
LIBERTY TX	1	1.5							-59	10	68
LIMESTONE TX			3	6.2	2	3.2	199	-1	196	86	93
LUBBOCK TX	7	7.0	1*	75.5							
MC CULLOCH TX	1	8.8	6	5.7	8	6.7	325	-50	115	76	67
MC LENNAN TX	3	10.8	2	21.1							
MADISON TX			4*	19.1	1	5.5	-19	18	-5	36	78
MARION TX	1	9.4	3	10.6	1	2.7	139				
MATAGORDA TX	1	4.8			1	2.3	76	-71	-50	14	74
MIDLAND TX	2	5.2						-75			66
MILAM TX	1	7.8	5*	17.7	1	3.6			-76	04	66
MONTGOMERY TX	2	5.2	1	8.5			242	-80	-31	23	68
MORRIS TX	3	6.2	2	4.3	4	9.7	9				
NACOGDOCHES TX			5	10.5	3	6.3	-17	126	88	71	86
NAVARRO TX			3*	20.1			70	-40	2	41	77
NEWTON TX			4	10.2	1	1.1					
NUECES TX	1	2.3	3	12.8	1	5.0		-89			
ORANGE TX	1*	20.4					462	-61	118	77	64
PALO PINTO TX			2	9.5	3	13.0					72
PANOLA TX	1	5.2	2	11.4	2	8.8		36			
POLK TX			1	4.1	2	6.0	121	-23	70	67	91
POTTER TX			2*	115.4				45			84
RAINS TX											76

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1*	57.8					REAGAN TX					
1	4.0	4*	26.0	1	4.1	RED RIVER TX	555	-84	2	40	69
2	4.7	1	2.4	4	15.7	ROBERTSON TX	-48	543	237	89	93
2*	26.0					ROCKWALL TX					
2	4.6	3	5.4	8*	14.8	RUSK TX	17	175	221	88	92
3*	36.8					SABINE TX					
		1	7.5	3*	28.9	SAN AUGUSTINE TX		283			97
1	5.4					SAN JACINTO TX					
1*	163.6			1*	136.6	SHACKELFORD TX			-16	30	99
		3	11.7	4*	17.2	SHELBY TX		47			94
7	6.9	9	9.3	10	8.0	SMITH TX	35	-14	16	47	83
		1*	344.1			STONEWALL TX					
13	6.7	19	6.9	25	6.2	TARRANT TX	3	-10	-7	35	76
4*	28.7			1	4.7	TAYLOR TX			-84	02	72
		1*	39.0			TERRY TX					
1	6.5			2	14.7	TITUS TX			126	78	92
1	6.6	1	4.8			TOM GREEN TX	-28				
4	3.5	7	5.4	15	8.3	TRAVIS TX	52	54	135	80	83
1	7.9					TRINITY TX					
1	13.3	1	6.0			TYLER TX	-55				
		2	8.1	2	7.7	UPSHUR TX		-5			82
				1	10.3	VAN ZANDT TX					87
		1	4.4	1	2.3	VICTORIA TX		-47			66
2	6.6	2	5.3	2	5.2	WALKER TX	-20	-1	-21	28	73
				3	11.2	WALLER TX					89
1	2.8	4	13.0	4	10.6	WASHINGTON TX	361	-18	276	91	88
3	7.0	2	7.6	1	4.1	WHARTON TX	9	-46	-41	17	70
		1	3.0	4	7.2	WICHITA TX		144			80
2*	22.0					WILBARGER TX					
		1	3.6	2	7.1	WILLIAMSON TX		95			79
				1*	24.5	WINKLER TX					96
1	7.1	1	5.1	2	11.5	WOOD TX	-28	127	63	64	89
1*	267.9					YOUNG TX					
1	1.7	3	3.9	3	1.3	UTAH UT	128	-66	-22		
		1*	29.8			BOX ELDER UT					
				1	5.7	DAVIS UT					75
		1	3.0	2	1.5	SALT LAKE UT		-49			65
		1	4.7			SAN JUAN UT					
1*	62.6					TOOELE UT					
1*	30.3			2*	37.4	VERMONT VT			23		
1*	424.0					BENNINGTON VT					
				1*	112.4	CHITTENDEN VT					99
				1*	163.6	WINDSOR VT					99
158	5.0	179	5.4	254	6.5	VIRGINIA VA	8	21	31		
2	4.0	3	6.6	6	11.8	ACCOMACK VA	68	77	198	86	89
4	9.8	5	12.1	3	4.8	ALBEMARLE#VA	23	-60	-51	14	72
2	13.9	2	18.1	1	7.4	ALLEGHANY#VA	30	-59	-47	15	81
		1	5.4	1	7.4	AMELIA VA		38			81
		1	4.1	3	12.3	AMHERST VA		203			90
1	10.8			1	8.5	APPOMATTOX VA			-21	28	83
3	13.1	1	3.3	5	16.7	ARLINGTON#VA	-75	406	27	52	93
4*	17.9			2	6.9	AUGUSTA#VA			-61	09	79
				1*	30.3	BATH VA					97
2	2.0	7	7.3	3	2.5	BEDFORD#VA	271	-66	26	51	66
3	6.9	3	6.5	5	13.7	BRUNSWICK VA	-6	110	97	72	91
2	11.8	1	4.8			BUCKINGHAM VA	-59				
4*	13.0	3	8.8	1	2.1	CAROLINE VA	-32	-76	-84	02	65
		1	3.5	2	11.5	CHARLES CITY VA		226			89
1	4.6					CHARLOTTE VA					
20	6.4	22	6.0	33	7.1	CHESTERFIELD#VA	-5	18	11	45	80
3*	17.0	3	17.6	1	6.3	CULPEPER VA	3	-64	-63	08	77
		1	7.4	1	4.2	CUMBERLAND VA		-44			70
7	4.2	9	5.8	12	7.0	DINWIDDIE#VA	40	20	68	66	79
				1	5.6	ESSEX VA					74
3	4.0	6	10.5	8	4.0	FAIRFAX#VA	162	-62	-1	38	69
1	3.3	2	6.2	4	14.9	FAUQUIER VA	86	140	346	94	92
1	8.2	1	9.1	3*	25.2	FLUVANNA VA	11	179	209	87	96
1	7.9					FRANKLIN VA					
				1	14.9	FREDERICK#VA					92
1	5.1	1	6.2	2	11.3	GLOUCESTER VA	21	82	121	77	89
		3	21.2	1	8.3	GOOCHLAND VA		-61			83
		2	8.4	2	6.9	GREENSVILLE#VA		-17			79
3	4.8	1	1.0	3	4.2	HALIFAX#VA	-80	335	-13	32	70
2	6.0	1	4.2	2	8.2	HANOVER VA	-29	93	37	56	83
3	8.7	1	5.1	2	4.8	HENRICO VA	-41	-6	-45	16	72
5	10.3	2	2.6	1	1.0	HENRY#VA	-75	-63	-91	00	64
3	10.3	2	3.9	1	1.6	ISLE OF WIGHT VA	-62	-59	-65	02	65
		1	1.5	6	7.9	JAMES CITY#VA		410			82
				3*	24.7	KING AND QUEEN VA					96
2*	25.8	1	11.3			KING GEORGE VA	-56				
1	7.0			1	5.0	KING WILLIAM VA			-28	24	73
1	5.4	2	12.2	4*	23.9	LANCASTER VA	125	95	339	93	96
				2	10.4	LOUDOUN VA					87
1	5.7			1	3.7	LOUISA VA			-36	20	68
		1	4.9	1	4.7	LUNENBURG VA		-4			72
1	14.1	1	13.4			MADISON VA	-5				
				1	15.6	MATHEWS VA					93
2	3.9	1	1.9	7	12.9	MECKLENBURG VA	-51	563	227	88	91
		1	7.8	1	6.9	MIDDLESEX VA		-11			79
		1	7.2	1	9.6	MONTGOMERY#VA		33			86
1	5.7	1	6.5	1	5.2	NELSON VA	14	-21	-10	33	73
		1	2.3	2	4.6	NORTHAMPTON VA		96			71
2	8.8			1	5.8	NORTHUMBERLAND VA			-34	21	75
		2	6.9	2	7.4	NOTTOWAY VA		7			80
				1*	22.5	PAGE VA					95

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE MALE 1950-1959		1960-1969		1970-1979		LEUKEMIAS COUNTY AND STATE	PERCENT CHANGE			ICD 202.4,203.1,204-208 PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
		1	18.3			PATRICK VA					
6	5.8	8	7.2	8	6.0	PITTSYLVANIA#VA	24	-16	4	42	76
		1	8.7			POWHATAN VA					
				2	6.9	PRINCE EDWARD VA					78
		1	8.6	3	4.7	PRINCE WILLIAM#VA		-46			72
				1	13.4	PULASKI VA					91
1	25.9			1	14.9	RAPPAHANNOCK VA			-43	17	92
				1	7.0	RICHMOND VA					79
2	1.9	6	6.0	6	5.5	ROANOKE#VA	220	-8	194	86	74
1	10.6					ROCKBRIDGE#VA					
2*	24.0	1	12.3	2*	21.9	ROCKINGHAM#VA	-49	78	-9	34	95
		1*	122.7			SCOTT VA					
		1*	74.3			SMYTH VA					
2	2.9	1	1.7	2	2.9	SOUTHAMPTON#VA	-41	64	-3	37	67
		1	4.4	5*	16.5	SPOTSYLVANIA#VA		277			93
1	6.2	1	6.3	1	4.3	SURRY VA	1	-31	-30	24	71
2	6.9	2	6.9			SUSSEX VA	0				
1	8.7			2*	20.8	WASHINGTON#VA			140	80	95
1	5.2	3	12.4	2	9.5	WESTMORELAND VA	140	-23	85	70	85
		2*	23.0			WISE#VA					
28	4.7	29	5.0	44	6.1	CHESAPEAKE CITY#VA	7	21	30	53	76
3	5.5	5	5.2	9	7.6	HAMPTON CITY VA	-5	46	38	57	81
9	6.7	8	4.4	12	7.0	NEWPORT NEWS CITY VA	-35	60	4	42	79
7	7.4	9	9.4	6	5.9	SUFFOLK CITY VA	26	-37	-20	29	75
27	7.5	24	4.9	33	4.1	WASHINGTON WA	-35	-16	-45		
				1	26.5	CLALLAM WA					96
				1	3.3	CLARK WA					67
		1*	94.4			DOUGLAS WA					
				1	9.0	FRANKLIN WA					84
				1	6.2	GRAYS HARBOR WA					76
		1*	17.6			ISLAND WA					
20*	10.3	14	5.0	19	4.6	KING WA	-51	-7	-55	13	71
1	9.6			1	2.6	KITSAP WA			-73	05	66
1	5.8	1	29.8	1	23.6	OKANOGAN WA	411	-21	305	92	96
				1*	39.3	PACIFIC WA					98
2	5.2			3	2.0	PIERCE WA			-61	09	65
		2*	8.1			SNOHOMISH WA					
1	7.9	1	3.2	1	2.5	SPOKANE WA	-60	-21	-69	06	66
		1*	13.8			STEVENS WA					
		1	21.3	1	3.6	WHATCOM WA		-83			68
2	7.5	2	9.9	2	5.1	YAKIMA WA	32	-48	-31	23	73
23	4.5	38	8.5	22	5.7	WEST VIRGINIA WV	90	-33	27		
2*	20.7	1	16.2	1	9.3	BERKELEY WV	-22	-43	-55	12	85
2	8.9	2	9.6	2	9.3	CABELL WV	8	-3	5	43	85
		3	19.1	1	2.4	FAYETTE WV		-87			66
		1	12.9			GREENBRIER WV					
		3*	53.2			HANCOCK WV					
		1	16.8			HARRISON WV					
2	12.4					JEFFERSON WV					
3	4.2	5	6.3	3	4.3	KANAWHA WV	51	-32	3	41	70
1*	424.0					LEWIS WV					
3	10.2	2	9.4	1	6.0	LOGAN WV	-8	-36	-41	18	76
4	3.9	10*	16.7	4	7.4	MC DOWELL WV	329	-56	91	71	80
		1	4.2			MARION WV					
		2	5.1	5*	13.8	MERCER WV		167			91
				1*	26.8	MINERAL WV					96
1	9.9					MINGO WV					
				1	16.1	MONONGALIA WV					93
1	6.1	1	7.6			OHIO WV	23				
3	5.0	4	7.1	1	1.8	RALEIGH WV	41	-75	-65	08	65
		1	18.9			SUMMERS WV					
		1*	31.5			WOOD WV					
1	7.8			2*	78.8	WYOMING WV			912	98	99
15	6.1	26	7.2	25	4.6	WISCONSIN WI	17	-36	-25		
				1	4.0	BROWN WI					69
				3	16.3	DANE WI					93
1*	132.6					DOOR WI					
				1*	46.8	JUNEAU WI					98
		1*	188.7			MARATHON WI					
1	2.8	1	8.4	1	7.9	MENOMINEE#WI	204	-6	184	84	82
9	6.2	19	7.5	16	4.3	MILWAUKEE WI	21	-43	-30	24	70
1	3.4	3	13.2	1	2.7	RACINE WI	286	-79	-20	29	66
1	18.4	1	15.8			ROCK WI	-15				
1*	109.3					SAUK WI					
1*	18.7					SAWYER WI					
		1*	19.1	1*	56.2	VILAS WI		194			98
				1*	49.1	WINNEBAGO WI					98
2	3.7	1	2.1			WYOMING WY	-43				
2*	10.8	1	4.0			FREMONT WY	-63				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
2785	3.4	4153	4.1	5462	4.0	UNITED STATES	21	-3	17		
130	2.7	192	4.2	247*	4.8	ALABAMA AL	56	14	79		
1	2.1	3	10.3	2	4.9	AUTAUGA AL	395	-52	136	85	84
3	7.0	1	2.1	3	5.9	BALDWIN AL	-69	178	-15	35	87
1	2.0	3	4.0	3	4.3	BARBOUR AL	100	7	114	82	80
		2	12.4	2	15.3	BIBB AL		24			96
1	1.2			1	1.7	BULLOCK AL			38	64	70
1	2.4	3	4.9	1	2.5	BUTLER AL	104	-48	5	49	72
2	3.8	2	2.1	1	.8	CALHOUN AL	-45	-60	-78	03	69
1	1.3	1	1.2	4	4.6	CHAMBERS AL	-1	267	265	92	82
1	5.8			1	5.4	CHILTON AL			-8	41	85
		2	4.9	4*	12.0	CHOCTAW AL		144			95
1	1.1	3	4.4	5	9.1	CLARKE AL	288	108	707	99	93
1	3.8	1	4.1	2	5.5	COFFEE AL	7	34	43	66	86
		1	2.6	2	3.5	COLBERT AL		33			76
1	1.2	1	2.0	2	3.7	CONECUH AL	61	84	197	90	77
1	6.7	2	13.4	1	7.5	COOSA AL	99	-44	11	53	90
		2	5.2	2	7.0	COVINGTON AL		34			90
		1	6.7	2	11.3	CRENSHAW AL		69			95
2	7.1	1	2.5	1	2.6	DALE AL	-65	5	-63	08	73
3	1.3	3	2.2	13*	7.7	DALLAS AL	73	258	517	97	91
		1*	24.4	1*	15.1	DE KALB AL		-38			96
2	4.1	2	5.0	2	4.5	ELMORE AL	22	-10	10	52	81
2	2.6	4	6.8	1	1.5	ESCAMBIA AL	159	-78	-44	20	70
		2	3.1	3	3.8	ETOWAH AL		22			78
				2*	29.5	FRANKLIN AL					98
1	1.5	2	4.1	2	3.5	GREENE AL	174	-14	135	85	77
3	4.1	5	9.2	2	2.3	HALE AL	124	-75	-45	19	71
1	1.6	1	2.1			HENRY AL	35				
2	2.4	2	2.7	5	6.8	HOUSTON AL	16	148	188	90	89
		1	12.3	1	9.0	JACKSON AL		-27			92
41	3.8	49	4.5	71*	5.7	JEFFERSON AL	20	26	51	69	86
				2*	17.7	LAMAR AL					97
2	5.3	1	2.3	1	1.6	LAUDERDALE AL	-56	-31	-70	06	70
1	3.7	2	8.1	2	6.7	LAWRENCE AL	118	-18	79	75	89
3	4.2			4	5.1	LEE AL			20	56	84
1	3.1	3	9.4	1	2.4	LIMESTONE AL	207	-75	-22	31	72
		4	7.8			LOWNDES AL					
1	.8	4	4.0	6	5.6	MACON AL	432	39	640	98	86
3	3.5	3	3.1	5	4.4	MADISON AL	-9	42	28	60	81
3	3.2	2	3.1	4	5.2	MARENGO AL	-5	71	62	71	85
13	2.9	20	4.2	23	4.4	MOBILE AL	47	5	54	69	81
1	1.4	5*	10.6	4	7.4	MONROE AL	652	-30	423	96	90
11	3.5	6	1.9	22*	6.0	MONTGOMERY AL	-45	214	73	74	87
		2	5.5	2	3.8	MORGAN AL		-31			78
2	4.0	2	3.8	4	5.3	PERRY AL	-6	42	33	61	85
		3	7.0	2	3.1	PICKENS AL		-55			75
		1	1.6	1	1.6	PIKE AL		2			70
1	3.7			1	3.2	RANDOLPH AL			-13	37	75
4	3.8	11*	11.7	3	3.3	RUSSELL AL	207	-72	-14	36	75
		1	5.7			ST CLAIR AL					
1	3.2	3	9.0	2	6.8	SHELBY AL	177	-24	110	81	89
1	.9	4	5.2	5	8.3	SUMTER AL	461	59	795	99	92
2	2.9	3	3.8	1	1.2	TALLADEGA AL	32	-70	-60	09	69
3	7.0			1	1.5	TALLAPOOSA AL			-79	03	70
1	.7	9	6.2	5	3.0	TUSCALOOSA AL	797	-51	335	94	74
1	3.4	1	3.6	3	6.3	WALKER AL	6	75	86	77	88
		1	2.7			WASHINGTON AL					
3	3.0			1	1.3	WILCOX AL			-57	11	69
		5	1.5	4	1.9	ALASKA AK		28			
14	2.9	20	3.5	31	2.8	ARIZONA AZ	21	-19	-2		
2	1.7	5	5.9	6	3.6	APACHE AZ	255	-40	114	82	77
		3	3.0	1	.8	COCONINO AZ		-74			69
		1	4.8			GILA AZ					
1*	15.2					GRAHAM AZ					
6	4.9	2	.8	13	3.5	MARICOPA AZ	-84	355	-29	27	76
1*	11.6					MOHAVE AZ					
		2	2.3	7	5.8	NAVAJO AZ		158			87
3	5.3	7*	9.4	2	1.3	PIMA AZ	78	-87	-76	03	69
1	2.5			2	2.9	PINAL AZ			17	55	74
44	2.2	90	4.6	83	3.8	ARKANSAS AR	110	-17	74		
				1	3.0	ARKANSAS AR					74
1	1.7	1	3.0	2	6.9	ASHLEY AR	76	133	310	94	89
		1	4.7			BRADLEY AR					
		1	9.1			CALHOUN AR					
3	4.5	3	3.9	2	2.6	CHICOT AR	-13	-32	-41	21	73
		1	3.9	1	3.3	CLARK AR		-15			76
1	1.4	1	1.6	5	8.2	COLUMBIA AR	14	403	475	96	92
				1	6.4	CRAIGHEAD AR					88
3	2.5	6	4.9	7	6.0	CRITTENDEN AR	96	21	137	86	87
				2	7.3	CROSS AR					90
2	8.3	1	4.2	2	6.6	DALLAS AR	-50	58	-21	32	89
1	1.7	4	9.5	4	8.5	DESHA AR	467	-10	408	96	92
		2	6.5	1	3.4	DREW AR		-48			76
				1	6.5	FAULKNER AR					88
1	4.8	2	7.1	3	8.5	GARLAND AR	47	20	77	75	92
		1*	42.6	1*	56.2	GRANT AR		32			99
2	4.0	2	5.6	2	5.4	HEMPSTEAD AR	40	-5	33	62	85
1	8.9			1	4.9	HOT SPRING AR			-45	18	83
1	12.5	1	7.8			HOWARD AR	-37				
				1*	14.1	INDEPENDENCE AR					96

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
1	6.1	2	10.0			JACKSON AR	64				
3	1.6	7	4.0	3	1.1	JEFFERSON AR	151	-72	-30	26	69
1	3.9	2	9.6			LAFAYETTE AR	146				
2	3.2	3	4.3	3	4.3	LEE AR	34	1	35	63	81
2	5.9					LINCOLN AR					
1	6.4	1	4.6			LITTLE RIVER AR	-28				
		1	3.4	1	2.6	LONOKE AR		-24			73
		2	5.5	1	2.2	MILLER AR		-60			71
		6	7.1	6	7.1	MISSISSIPPI AR		0			90
1	2.0	1	3.1	1	1.8	MONROE AR	51	-43	-14	36	70
1	4.7	2	11.4	1	3.5	NEVADA AR	143	-70	-26	29	76
1	2.0	2	3.4	2	3.3	OUACHITA AR	72	-2	68	73	76
2	1.6	6	4.6			PHILLIPS AR	189				
1	7.0	3*	21.9			POINSETT AR	211				
		1	11.6			PRAIRIE AR					
5	1.9	11	3.8	18	5.3	PULASKI AR	105	39	184	89	85
2	1.5	6	7.1	4	4.3	ST FRANCIS AR	378	-40	185	89	80
1*	22.8	1*	21.2			SEVIER AR	-7				
3	4.6	2	3.0	3	4.3	UNION AR	-36	45	-7	41	81
1*	9.4					WHITE AR					
		2	6.6	3*	10.5	WOODRUFF AR		60			94
		2*	66.9			YELL AR					
136	4.0	293	4.4	461	3.4	CALIFORNIA CA	9	-22	-14		
13	3.1	33	4.7	46	4.0	ALAMEDA CA	51	-15	28	60	79
				1	3.2	BUTTE CA					75
1	.5	13*	7.1	9	3.9	CONTRA COSTA CA	1218	-46	616	98	78
6	6.5	10*	6.5	9	3.5	FRESNO CA	0	-47	-47	17	76
				1	2.5	HUMBOLDT CA					72
2	4.4	4	3.5	5	2.7	KERN CA	-22	-22	-39	22	73
1	3.7	2	14.1	3	8.4	KINGS CA	285	-40	129	85	92
64	4.1	146	4.5	242	3.9	LOS ANGELES CA	9	-13	-6	43	78
				2	4.3	MADERA CA					81
				1	2.4	MARIN CA					72
1	3.6	2	3.6	1	.6	MERCED CA	0	-83	-83	02	69
1	2.0	2	1.7	3	2.0	MONTEREY CA	-12	13	-1	46	71
		1	2.0	10	2.9	ORANGE CA		42			74
		2*	21.7	1	7.2	PLACER CA		-67			90
		1*	112.4			PLUMAS CA					
4	10.1	3	3.4	10	4.0	RIVERSIDE CA	-66	17	-60	09	79
7	6.8	6	3.2	11	3.4	SACRAMENTO CA	-54	8	-50	15	76
1*	141.3					SAN BENITO CA					
2	3.7	2	2.3	6	2.0	SAN BERNARDINO CA	-36	-16	-47	17	71
5	4.0	8	2.0	21	2.4	SAN DIEGO CA	-50	22	-39	22	72
18	4.8	39*	5.5	47	4.0	SAN FRANCISCO CA	16	-27	-15	35	79
5	6.5	3	2.1	5	2.3	SAN JOAQUIN CA	-67	8	-65	07	71
		5	7.0	3	1.4	SAN MATEO CA		-80			69
1	3.3			2	1.1	SANTA BARBARA CA			-66	07	69
		5	3.1	10	1.8	SANTA CLARA CA		-43			70
1	17.5					SANTA CRUZ CA					
2	3.7	1	.7	8	7.3	SOLANO CA	-82	986	98	79	90
		1	5.1			SONOMA CA					
				2	1.7	STANISLAUS CA					70
1	8.3	2	2.5	2	.4	VENTURA CA	-69	-83	-95	00	69
		1	18.6			YOLO CA					
		1	4.8			YUBA CA					
6	3.3	12	3.8	23	4.1	COLORADO CO	14	8	23		
				3	13.7	ADAMS CO					96
1*	112.4					BOULDER CO					
2	1.1	8	3.7	18	5.4	DENVER-ARAPAHOE# CO	234	48	396	95	86
2*	20.3	1	1.8	1	.9	EL PASO CO	-91	-47	-95	00	69
		1*	41.4			MESA CO					
		2*	12.1	1	1.6	PUEBLO CO		-87			70
1*	22.8					WELD CO					
15	3.9	20	3.3	38	4.0	CONNECTICUT CT	-15	21	3		
5	3.3	7	3.5	11	3.9	FAIRFIELD CT	6	10	17	55	78
6	6.5	6	3.7	12	4.2	HARTFORD CT	-43	13	-35	23	80
3	1.7	5	2.6	12	4.0	NEW HAVEN CT	49	56	133	85	79
1	6.6	2	5.5	3	6.2	NEW LONDON CT	-17	15	-5	43	88
4	1.5	12	4.3	20	5.1	DELAWARE DE	182	19	235		
1	2.6	1	2.5	3	4.6	KENT DE	-6	88	76	75	82
2	1.0	8	5.0	15	6.1	NEW CASTLE DE	394	23	507	97	88
1	1.6	3	4.8	2	2.5	SUSSEX DE	198	-47	59	71	73
61	3.4	75	3.9	110	4.4	DIST. OF COLUMBIA DC	14	14	30		
61	3.4	75	3.9	110	4.4	WASHINGTON DC	14	14	30	61	81
88	2.5	162	4.0	245	4.3	FLORIDA FL	61	7	73		
6	8.0	6	7.3	4	3.4	ALACHUA FL	-9	-53	-57	11	76
		1	12.7			BAKER FL					
1	9.3					BRADFORD FL					
1	.9	2	1.3	7	8.1	BREVARD FL	48	508	801	99	91
1	.4	6	3.4	12	2.9	BROWARD FL	779	-15	646	98	74
1	11.7	1	14.6			CITRUS FL	25				
1	6.2			2*	13.2	CLAY FL			112	81	96
1	3.5			1	2.5	COLUMBIA FL			-27	28	73
8	1.9	29	6.3	45	4.4	DADE FL	226	-30	127	84	81
		1	4.9	1	8.3	DE SOTO FL		68			92
15	2.9	23	4.2	27	4.2	DUVAL FL	44	0	45	67	80
6	4.4	4	2.4	17*	7.0	ESCAMBIA FL	-45	190	59	71	89
		1*	15.2			FLAGLER FL					
2*	23.3					FRANKLIN FL					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE

LEUKEMIAS ICD 202.4,203.1,204-208

COUNTY AND STATE	1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
GADSDEN FL	4	3.5	2	1.1	7	5.8	-68	420	66	72	87
GULF FL			1	10.9							
HAMILTON FL			1	9.7	2	14.2		47			96
HENDRY FL	1*	9.5			1	8.6			-9	40	92
HERNANDO FL	1	8.2	1	6.9			-15				
HIGHLANDS FL			1	2.2	2	6.7		199			89
HILLSBOROUGH FL	4	1.6	11	3.9	12	3.1	144	-22	91	77	74
INDIAN RIVER FL	1	4.0	1	1.8	5*	14.9	-56	749	274	93	96
JACKSON FL					2	2.5					72
JEFFERSON FL					1	4.8					83
LAKE FL	1	2.3			3	5.2			123	83	85
LEE FL			2	3.1	4	6.9		120			89
LEON FL	1	1.3	2	1.2	4	3.3	-5	171	157	87	76
LEVY FL	1	6.2	1	5.8	2	11.2	-7	93	80	76	95
MADISON FL			2	4.8	3	7.5		56			90
MANATEE FL	2	4.8	3	6.5	1	1.9	37	-71	-60	10	71
MARION FL	1	1.1	1	1.2	5	4.2	2	260	268	92	80
MARTIN FL	1	6.1			1	6.2			1	48	88
MONROE FL	1	3.2	1	5.3	1	4.8	62	-8	49	68	83
NASSAU FL	2	13.9	1	5.1	1	4.7	-63	-8	-66	07	82
ORANGE FL	4	2.9	7	4.2	10	4.1	48	-3	43	66	80
OSCEOLA FL			2*	42.9	1	8.5		-80			92
PALM BEACH FL	2	.8	12	5.0	12	3.9	507	-22	375	95	79
PASCO FL			1	4.6	1	5.1		10			84
PINELLAS FL	4	3.8	6	4.4	8	3.4	17	-23	-10	40	76
POLK FL	4	2.6	5	2.9	14*	7.5	12	155	185	89	90
PUTNAM FL	1	2.1	3	4.9	3	6.1	138	23	193	90	88
ST JOHNS FL	3	5.6	2	5.0	3	7.6	-11	51	34	62	90
ST LUCIE FL	1	2.6	4	8.7	5	5.9	233	-33	124	84	87
SANTA ROSA FL					1	6.9					89
SARASOTA FL			3	10.8	3	4.9		-55			84
SEMINOLE FL			2	3.1	2	2.0		-35			71
SUWANNEE FL	1	4.7			1	4.3			-9	40	81
TAYLOR FL			2	12.6	1	4.5		-64			81
UNION FL			1*	19.6	1*	17.9		-9			97
VOLUSIA FL	4	4.0	7	7.0	6	3.9	73	-44	-2	44	79
GEORGIA GA	151	2.9	212	3.9	266	4.1	35	7	44		
APPLING GA			3*	19.7							
BAKER GA					1	12.0					95
BALDWIN GA	3	4.6	3	3.5			-24				
BARROW GA			1	5.7	4*	30.5		436			98
BARTOW GA	1	4.4	1	4.7	1	3.5	7	-26	-20	32	76
BEN HILL GA			1	3.6	1	5.1		42			84
BERRIEN GA					2*	18.9					97
BIBB GA	8	3.4	12	5.1	5	1.5	50	-71	-57	11	70
BLECKLEY GA	1	6.9									
BROOKS GA	1	1.8	1	3.5	1	3.9	95	12	119	83	79
BRYAN GA					1	10.7					94
BULLOCH GA	3	7.5	2	5.5	5*	10.7	-27	95	42	66	94
BURKE GA	1	1.5	2	4.4	4	6.9	202	56	371	95	89
BUTTS GA			1	7.6							
CALHOUN GA	1	3.6	3*	15.1			317				
CAMDEN GA					3*	14.8					96
CANDLER GA	1	4.5	1	8.8			95				
CARROLL GA	1	3.3			2	4.4			30	61	81
CHARLTON GA	1*	6.4									
CHATHAM GA	10	2.7	5	1.5	22	5.7	-45	284	112	81	87
CHATTOOGA GA			1	9.8	2*	22.2		127			98
CLARKE GA	3	5.9	1	1.9	3	3.3	-68	71	-45	18	75
CLAY GA			2*	13.4							
CLINCH GA	1	13.8									
COBB GA			1	2.5	5*	11.6		368			95
COFFEE GA	1	4.1	3*	11.8	1	2.8	184	-76	-33	24	73
COLQUITT GA			1	3.2	2	4.7		46			82
COLUMBIA GA			1	8.2	1	4.7		-43			82
COOK GA					1	5.6					86
COWETA GA					3	6.5					88
CRAWFORD GA					1	8.3					92
CRISP GA	1	2.2			2	5.3			142	86	85
DECATUR GA	2	2.5	2	4.1	1	1.9	65	-53	-22	31	71
DE KALB GA	2	1.9	5	4.1	17	5.6	120	35	197	90	86
DODGE GA	1	4.7			1	3.4			-27	28	76
DOOLY GA	2	8.4	1	2.3	2	6.3	-73	175	-25	30	88
DOUGHERTY GA	3	3.2	8	6.5	7	4.5	104	-31	41	65	81
DOUGLAS GA			1	6.4	1	5.9		-8			87
EARLY GA					6*	19.1					97
ELBERT GA					1	3.9					79
EMANUEL GA			1	4.0	1	3.9		-2			79
FAYETTE GA	1	4.3	2*	20.1	1	12.2	366	-39	183	88	95
FLOYD GA	2	5.8	1	2.4	3	5.5	-59	131	-5	44	86
FRANKLIN GA			1	9.3	1	20.2		117			97
FULTON GA	38	4.5	45	4.5	42	3.4	-2	-25	-26	29	76
GLYNN GA			5	7.7	3	4.2		-43			80
GORDON GA	1*	19.6									
GRADY GA			2	7.3	2	5.7		-22			86
GREENE GA					1	3.2					75
GWINNETT GA	2*	12.1									
HALL GA	1	5.5			1	2.6			-54	13	73
HANCOCK GA					1	2.6					73
HARALSON GA			1*	19.6							
HARRIS GA	1	3.2	1	2.8			-12				
HART GA					1	4.0					79
HEARD GA	1*	11.2			1*	11.6			3	48	95
HENRY GA	2	5.9	4*	15.8	1	2.9	168	-82	-51	15	74
HOUSTON GA	2	11.7	1	3.5	2	5.1	-70	44	-56	11	84
IRWIN GA					1	9.9					93
JACKSON GA					1	11.1					95
JASPER GA			1	9.4							
JEFF DAVIS GA	1	10.5	1	7.6			-27				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	1.9	1	2.2	3	5.2	JEFFERSON GA	16	140	180	88	85
				1	7.0	JOHNSON GA					90
		1	6.1	2	6.0	JONES GA		-3			87
1	4.2	3*	15.3	1	5.6	LAMAR GA	262	-63	33	62	86
1*	17.7					LANIER GA					
2	2.4	2	3.7	3	5.2	LAURENS GA	55	38	113	82	85
1	6.3			3*	27.0	LEE GA			330	94	98
		1	3.5	1	3.8	LIBERTY GA		7			78
				1*	14.3	LONG GA					96
3	4.5	1	.8	5	5.5	LOWNDES GA	-82	584	21	57	86
1	3.8	2	10.3			MC DUFFIE GA	171				
		2	12.8			MC INTOSH GA					
		1	2.9	1	2.8	MACON GA		-4			73
		1	14.0	2*	19.0	MADISON GA		36			97
		3	6.5	1	3.2	MERIWETHER GA		-51			75
				1	8.8	MILLER GA					92
1	1.9	3	5.2	1	2.6	MITCHELL GA	171	-50	36	63	73
		1	3.5	1	4.4	MONROE GA		27			81
1	8.3			1	6.0	MONTGOMERY GA			-27	28	87
		3*	13.9	3*	12.5	MORGAN GA		-10			95
4	1.9	8	4.0	6	2.4	MUSCOGEE#GA	111	-41	25	59	72
1	2.5	1	1.5	2	5.6	NEWTON GA	-38	266	126	84	86
1	7.6			1	7.7	OGLETHORPE GA			1	47	91
				1*	23.4	PAULDING GA					98
1	4.3			1	2.1	PEACH GA			-52	14	71
				2*	14.2	PIKE GA					96
		1	3.8	1	4.9	PULASKI GA		29			83
2*	25.4					QUITMAN GA					
2	6.0	4*	10.6			RANDOLPH GA	77				
9	4.2	12	5.5	12	4.8	RICHMOND GA	32	-12	15	54	83
				1	5.7	ROCKDALE GA					86
		2	8.0	3	8.1	SCREVEN GA		1			91
		1	7.1	3*	23.0	SEMINOLE GA		225			98
		2	3.5	2	4.1	SPALDING GA		18			80
1	1.6	1	1.7	2	2.7	SUMTER GA	8	57	69	73	73
		2	11.6	1	4.2	TALBOT GA		-64			80
		2	11.3			TATTNALL GA					
1	5.1			1	4.8	TAYLOR GA			-6	42	83
		1	5.9	1	4.3	TELFAIR GA		-27			81
3	6.0					TERRELL GA					
1	1.9	1	1.3	1	1.2	THOMAS GA	-31	-7	-36	23	69
1	2.6	1	2.8	1	2.4	TIFT GA	9	-14	-7	42	72
				1	4.1	TOOMBS GA					79
				1	12.8	TREUTLEN GA					96
1	2.0	4	4.6	2	2.6	TROUP GA	127	-44	28	60	73
1	2.7	1	6.7			TURNER GA	152				
2	9.7	2	6.7	1	2.4	UPSON GA	-31	-64	-75	04	72
				2*	15.7	WALKER GA					96
		1	3.5	2	8.0	WALTON GA		129			91
2	4.0	3	7.1	3	5.8	WARE GA	77	-18	46	67	87
1	2.6					WARREN GA					
1	2.6	3	5.3	3	6.2	WASHINGTON GA	101	17	136	85	88
		1	3.7			WAYNE GA					
1	5.3			1	15.3	WEBSTER GA			191	90	96
				1	6.9	WHITFIELD GA					69
				3	8.9	WILKES GA					92
1	7.1					WILKINSON GA					
2	4.5	4*	16.2	1	4.0	WORTH GA	256	-75	-11	39	79
		92*	4.5	97	3.8	HAWAII HI		-16			
		10	4.6	10	4.1	HAWAII HI		-12			79
		73*	4.6	79	3.9	HONOLULU HI		-14			79
		1	1.0	3	2.7	KAUAI HI		170			73
		8	4.9	5	2.5	MAUI#HI		-49			72
1	3.4	2	4.6	2	1.9	IDAHO ID	35	-58	-43		
		1	17.5			BANNOCK ID					
1*	19.9	1	10.9	1	5.5	BINGHAM ID	-45	-50	-73	04	86
				1	23.8	CANYON ID					98
165*	4.6	217	4.1	293	4.0	ILLINOIS IL	-11	-2	-13		
1*	13.3	1	18.9	1	10.1	ADAMS IL	42	-47	-24	30	94
1	2.8	1	4.0	2	4.1	ALEXANDER IL	46	3	50	69	80
1	2.1	3	9.2			CHAMPAIGN IL	332				
132	4.6	171	3.8	241	4.0	COOK IL	-16	6	-11	39	79
1*	49.1					DU PAGE IL					
1*	21.2	2*	36.1	1	12.5	JEFFERSON IL	70	-65	-41	21	95
1	8.5	3*	12.6	1	.8	KANE IL	48	-94	-91	01	69
		2	4.4	3	5.4	KANKAKEE IL		23			85
3	7.4	5	8.8	5	5.3	LAKE IL	18	-39	-28	27	85
		1*	24.8			LOGAN IL					
		1	5.3	2	3.5	MACON IL		-34			76
3	6.9	3	5.1			MADISON IL	-27				
1*	14.8					MARION IL					
				1*	67.0	MONTGOMERY IL					99
		1	1.4	3	4.3	PEORIA IL		198			80
1	4.4					PULASKI IL					
		1*	24.9			RANDOLPH IL					
1	4.5			2	4.7	ROCK ISLAND IL			5	50	83
12*	7.0	12	4.9	10	3.1	ST CLAIR IL	-30	-36	-55	12	75
		1*	22.7	1	12.6	SALINE IL		-45			95
1	3.3	1	2.7	5*	9.3	SANGAMON IL	-20	248	179	88	93
1	5.4	2	7.0	1	1.8	VERMILION IL	30	-75	-67	07	70
1*	42.1					WARREN IL					
				1*	7.5	WHITESIDE IL					90
		2	5.5	5	3.2	WILL IL		-42			75
				1*	9.3	WILLIAMSON IL					93
3*	7.8	4	9.3	7*	7.6	WINNEBAGO IL	20	-18	-2	45	91

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

COUNTY AND STATE	1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
INDIANA IN	37	3.6	52	3.7	84	4.7	5	26	32		
ALLEN IN	4*	17.2	1	1.8	1	.7	-89	-63	-96	00	69
DEARBORN IN			1*	81.8							
DELAWARE IN			2	5.9							
ELKHART IN			1	3.8							
FLOYD IN			1	6.9							
GIBSON IN			1*	32.1							
GRANT IN					3*	13.0					96
HENRY IN			1*	21.0	1*	28.9		38			98
HOWARD IN	1	10.9									
KNOX IN	2*	203.6			1*	49.2			-76	03	99
LAKE IN	11	3.3	14	4.0	26	4.8	21	21	46	67	83
LA PORTE IN			2	7.7	3*	11.4		48			95
LAWRENCE IN	1*	136.6									
MADISON IN			1	1.7	3	11.5		574			95
MARION IN	15	3.5	21	3.9	33	4.8	11	22	35	63	83
MIAMI IN					1*	9.3					93
MONROE IN					1	7.9					91
ST JOSEPH IN			2	1.9	3	3.5		79			76
VANDERBURGH IN	2	3.8	1	1.7	3	4.8	-54	179	27	60	83
VIGO IN			1	2.8	3	10.4		278			94
WABASH IN	1*	490.8									
WAYNE IN			2	10.9	2	9.8		-11			93
IOWA IA	4	4.1	8	5.3	13	6.2	31	17	53		
ADAIR IA			1*	74.3							
BLACK HAWK IA	1	9.6			2	5.3			-45	19	85
CALHOUN IA					1*	188.7					99
CERRO GORDO IA			1*	42.2							
DUBUQUE IA			1*	112.4							
LEE IA			1	18.4							
LINN IA					1	5.8					87
MONROE IA					1*	89.3					99
POLK IA	2	5.5	1	1.9	8*	10.9	-65	463	98	78	94
SCOTT IA			2*	23.8							
WOODBURY IA	1*	24.8	1	6.3			-74				
KANSAS KS	21	4.9	17	3.3	26	4.0	-33	20	-19		
COWLEY KS			1	15.9							
GEARY KS	1	5.8	1	2.5	1	2.8	-57	11	-52	14	73
JACKSON KS	1*	73.7									
JOHNSON KS			1	10.0	1	5.2		-48			85
LABETTE KS	1	12.0									
LEAVENWORTH KS	3*	22.0	1	9.0	1	4.1	-59	-55	-81	02	79
LINN KS			1*	182.1							
MONTGOMERY KS	1	6.6	2	9.4	1	3.2	42	-66	-51	14	75
RENO KS					2*	27.4					98
SEDGWICK KS	4	5.5	3	1.5	7	5.5	-72	260	0	47	86
SHAWNEE KS	1	1.8	1	2.0	2	3.2	11	63	80	76	75
WYANDOTTE KS	9	6.0	6	3.3	11	5.0	-46	54	-17	34	84
KENTUCKY KY	43	4.0	50	4.2	75*	5.7	6	35	43		
ALLEN KY					1*	57.3					99
BARREN KY	2*	19.2	1	8.3	1	10.2	-57	23	-47	17	94
BOONE KY					1*	84.2					99
BOURBON KY	1	7.0									
BOYD KY					1	9.9					93
BOYLE KY			2	12.2							
CALDWELL KY					1	7.4					90
CALLOWAY KY			2*	49.3							
CAMPBELL KY			1*	23.6							
CHRISTIAN KY	1	1.9	1	1.9	1	1.4	0	-28	-28	27	69
CLARK KY	2*	17.5			1	4.4			-75	04	81
DAVIESS KY	1	6.1	2	11.1			81				
EDMONSON KY	1*	211.0									
FAYETTE KY	4	3.9	5	4.3	9	7.2	10	67	84	76	90
FRANKLIN KY	1	8.0									
GARRARD KY					1*	33.1					99
GRAVES KY					1	6.6					89
HARDIN KY			1	2.8							
HARLAN KY	1	4.6	2	9.9			113				
HENDERSON KY	1	5.0	4*	22.6	3*	16.4	355	-28	229	91	97
HOPKINS KY	2	10.1			4*	20.7			105	81	97
JEFFERSON KY	12	3.2	17	3.9	31	5.7	21	47	77	75	87
JESSAMINE KY					1	11.6					95
KENTON KY	1	4.8	1	4.9	1	3.2	2	-35	-34	24	75
LINCOLN KY	1*	17.2									
LOGAN KY					2*	26.2					98
MC CRACKEN KY	2	5.4	3	8.2			52				
MADISON KY			2	11.6	1	7.6		-35			90
MARION KY					1	13.2					96
MASON KY	1	9.6			1	10.6			10	52	94
MUHLENBERG KY	1	10.1			1	8.6			-15	35	92
NELSON KY			2*	27.7							
PIKE KY			1*	30.3							
PULASKI KY					2*	29.0					98
SCOTT KY					2*	25.8					98
SHELBY KY	1	5.9									
SIMPSON KY	1	14.1			1	10.2			-28	28	94
TRIGG KY	1*	18.6			1	9.4			-49	15	93
UNION KY	1	23.7									
WARREN KY			1	4.2	3	12.0		188			95
WASHINGTON KY	2*	46.3			1*	12.4			-73	04	95
WEBSTER KY			2*	20.9	1	9.9		-53			93
WOODFORD KY	2*	23.6									

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE LEUKEMIAS ICD 202.4,203.1,204-208

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
202*	4.8	236	4.7	290*	5.1	LOUISIANA	LA	-2	9	6		
4*	8.7	3	5.5	2	4.7	ACADIA	LA	-37	-16	-47	17	82
1	2.4	2	9.7			ALLEN	LA	307				
3	8.2	1	2.9			ASCENSION	LA	-64				
2	5.4			1	3.6	ASSUMPTION	LA			-33	25	77
		4	9.3	1	1.8	AVOYELLES	LA		-81			70
1	6.9			1	3.8	BEAUREGARD	LA			-46	18	78
4*	10.0			3	9.6	BIENVILLE	LA			-4	44	93
4	6.9	6	9.3	4	4.7	BOSSIER	LA	35	-50	-32	25	82
15	4.0	26*	6.0	23	4.7	CADDO	LA	50	-22	17	55	82
4	3.5	6	3.6	8	5.5	CALCASIEU	LA	3	53	57	70	86
		2*	12.7			CALDWELL	LA					
				1*	28.1	CAMERON	LA					98
1	6.7			1	5.4	CATAHOULA	LA			-19	33	66
1	1.6	3	4.4	5*	9.3	CLAIBORNE	LA	166	113	466	96	93
2	4.9	3	6.7	3	6.2	CONCORDIA	LA	38	-8	27	59	88
9*	13.5	4	4.8	5	6.2	DE SOTO	LA	-64	29	-54	12	88
17*	7.3	8	2.6	26*	6.3	EAST BATON ROUGE	LA	-64	142	-14	36	88
1	2.5	2	3.6			EAST CARROLL	LA	45				
		3	5.6	1	1.9	EAST FELICIANA	LA		-67			71
		1	3.2	4*	12.1	EVANGELINE	LA		280			95
2	4.0	1	2.7	2	4.2	FRANKLIN	LA	-33	57	5	50	80
4*	27.1	1	5.1	3*	18.4	GRANT	LA	-81	265	-32	25	97
4	7.0	8*	11.0	6	8.3	IBERIA	LA	57	-25	18	56	92
4	5.8			5	6.1	IBERVILLE	LA			6	50	88
		2	9.8	2	5.7	JACKSON	LA		-42			86
4	5.5	7	5.7	8	4.4	JEFFERSON	LA	4	-22	-19	32	81
		4*	15.6	1	4.2	JEFFERSON DAVIS	LA		-73			80
3	3.2	6	5.2	3	2.4	LAFAYETTE	LA	60	-54	-26	28	72
		1	3.2	2	7.9	LAFOURCHE	LA		148			91
				2*	14.9	LA SALLE	LA					96
2	3.3	4	8.0	4	5.5	LINCOLN	LA	139	-31	65	72	86
1	5.9					LIVINGSTON	LA					
1	1.8	2	3.4	1	.9	MADISON	LA	91	-72	-47	17	69
2	3.0	5	6.0			MOREHOUSE	LA	102				
2	2.9	5	7.4	2	2.4	NATCHITOCHES	LA	153	-67	-17	34	72
50*	5.3	59	4.9	81*	5.7	ORLEANS	LA	-7	16	8	51	86
7	5.8	7	4.1	9	4.4	OUACHITA	LA	-30	7	-26	29	81
3*	19.1			2	10.6	PLAQUEMINES	LA			-44	19	94
1	2.2	2	3.8	4	8.6	POINTE COUPEE	LA	67	130	284	93	92
8	5.2	9	5.5	10	5.3	RAPIDES	LA	7	-3	3	48	85
1	4.0					RED RIVER	LA					
		2	3.9	5*	9.6	RICHLAND	LA		147			93
		1	4.4	3*	11.2	SABINE	LA		158			95
				1	6.0	ST BERNARD	LA					87
1	2.3	2	8.3	1	3.9	ST CHARLES	LA	268	-53	74	74	79
1	4.3	1	2.1	1	2.4	ST HELENA	LA	-53	12	-47	16	72
1	3.2	2	5.0	3	5.5	ST JAMES	LA	57	11	74	75	86
1	3.4	1	2.8	1	1.4	ST JOHN THE BAPT	LA	-18	-49	-58	11	69
4	3.2	7	4.1	4	2.8	ST LANDRY	LA	27	-31	-12	38	74
4*	5.7			1	2.9	ST MARTIN	LA			-49	15	74
		4	5.8	4	5.0	ST MARY	LA		-13			84
1	2.2	3	6.7	3	5.8	ST TAMMANY	LA	200	-14	158	87	87
3	5.4	4	4.7	5	4.7	TANGIPAHOA	LA	-13	0	-13	37	82
2	4.9	1	3.3	2	3.5	TENSAS	LA	-33	7	-28	27	77
				3	5.0	TERREBONNE	LA					84
1	3.0			2	3.4	UNION	LA			13	53	76
1	6.4			3	12.6	VERMILION	LA			98	79	95
		1	6.7			VERNON	LA					
5*	7.8	2	3.5	2	2.5	WASHINGTON	LA	-55	-29	-68	06	72
2	3.0	3	4.9	4	4.9	WEBSTER	LA	61	2	64	71	84
2	6.2	2	5.6	1	3.1	WEST BATON ROUGE	LA	-10	-44	-50	15	75
1	9.6					WEST CARROLL	LA					
				2	15.7	WEST FELICIANA	LA					97
4*	17.2	3*	12.9	3	10.2	WINN	LA	-25	-21	-41	21	94
		1	2.1			MAINE	ME					
		1*	12.8			PENOBSCOT	ME					
68	3.4	98	3.9	139	3.7	MARYLAND	MD	13	-4	9		
7	6.5	4	2.5	3	1.8	ANNE ARUNDEL	MD	-61	-30	-73	04	70
4	5.4	4	4.0	4	2.2	BALTIMORE	MD	-27	-45	-60	09	71
		1	1.5	1	4.2	CALVERT	MD		183			80
		1	5.1	2	9.2	CAROLINE	MD		82			93
2*	17.1					CARROLL	MD					
1	2.2	2	5.0			CHARLES	MD	128				
1	1.6	2	4.7	2	4.6	DORCHESTER	MD	194	-2	187	89	82
1	5.3	1	3.9	1	4.3	FREDERICK	MD	-29	10	-22	32	80
				2	4.5	HARFORD	MD					82
2*	10.1			1	.9	HOWARD	MD			-91	01	69
2*	12.2			1	5.4	KENT	MD			-56	12	85
1	1.4	3	2.8	10	5.4	MONTGOMERY	MD	97	96	286	93	85
2	2.0	6	3.3	13	1.9	PRINCE GEORGE'S	MD	64	-44	-7	41	70
				2	7.8	QUEEN ANNE'S	MD					91
1	5.9	1	1.7	1	1.8	ST MARY'S	MD	-71	1	-70	05	70
				2	4.6	SOMERSET	MD					82
1	3.5	2	6.1	2	4.7	TALBOT	MD	75	-23	35	62	83
1	9.8					WASHINGTON	MD					
2	4.7	2	3.4	3	4.7	WICOMICO	MD	-28	39	0	46	83
		2	5.1	3	7.9	WORCESTER	MD		56			91
40	3.4	67	4.5	86	4.2	BALTIMORE CITY	MD	31	-6	23	58	80
12	3.0	24	3.6	33	2.7	MASSACHUSETTS	MA	22	-25	-8		
				1	3.9	BERKSHIRE	MA					79
		1	2.8	1	1.1	BRISTOL	MA		-60			69
		5	9.0	5	3.0	HAMPDEN	MA		-67			74

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE

LEUKEMIAS — ICD 202.4,203.1,204-208

COUNTY AND STATE	1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
MIDDLESEX MA	2	3.5	4	5.0	7	4.1	43	-18	18	53	80
NORFOLK MA	2*	51.7									
PLYMOUTH MA	2*	6.5			3	7.9			22	57	91
SUFFOLK MA	6	2.7	14	3.6	16	2.7	36	-25	2	48	73
MICHIGAN MI	80	3.2	145	4.0	208	4.2	26	3	30		
ALLEGAN MI	1*	20.2			1	15.7			-22	31	97
BERRIEN MI	3	12.0	4	8.0	1	1.3	-33	-83	-89	01	69
CALHOUN MI	5*	18.6	3	7.9			-58				
CASS MI			1	4.8	1	5.2		9			85
GENESEE MI	2	2.7	6	2.7	7	3.1	3	14	17	55	75
INGHAM MI	1	4.2			2	1.2			-72	05	69
JACKSON MI			1	5.3	3	8.8		67			92
KALAMAZOO MI	2	8.6			4	8.0			-7	42	91
KENT MI	1	2.7	4	4.2	3	3.6	58	-14	35	62	77
LAKE MI			2*	8.7							
LEELANAU MI			1*	245.4							
MACOMB MI			2	7.9	1	1.8		-77			70
MONROE MI					1	7.8					91
MUSKEGON MI					5	6.7					89
OAKLAND MI	1	1.2	4	3.4	10	6.6	181	96	450	96	89
SAGINAW MI	3	4.3	4	3.5	5	4.6	-20	33	6	50	82
ST JOSEPH MI					1	11.2					95
VAN BUREN MI					1	4.5					81
WASHTENAW MI					5	6.1					88
WAYNE MI	61	3.1	113	4.3	157	4.3	39	2	41	65	81
MINNESOTA MN	8	5.8	10	4.8	16	4.3	-17	-11	-26		
BECKER MN	1*	22.5									
BELTRAMI MN					2*	15.0					96
CASS MN	2*	18.4									
HENNEPIN MN	1	2.3	7	7.9	7	3.8	246	-52	65	72	78
HUBBARD MN					1*	188.7					99
ITASCA MN			1*	13.0	1*	26.8		106			98
MAHNOMEN MN			1*	37.2							
RAMSEY MN	4*	11.8	1	2.2	4	3.9	-81	74	-67	07	79
ST LOUIS MN					1	5.8					87
MISSISSIPPI MS	116	2.6	179	4.3	204	4.5	63	6	72		
ADAMS MS	5	5.3	5	5.7	5	4.7	8	-17	-10	39	82
ALCORN MS			3*	15.8	2	8.0		-50			91
AMITE MS	2	4.5	2	3.8			-16				
ATTALA MS	1	1.9	1	2.5	2	3.7	29	50	94	78	78
BENTON MS	1	10.5	1	9.3	1	3.9	-11	-58	-62	08	79
BOLIVAR MS	1	.7	6	3.8	4	2.0	422	-46	184	89	71
CALHOUN MS	2*	8.2									
CARROLL MS	2	7.4	1	3.9			-47				
CHICKASAW MS	1	2.9			5*	17.3			501	97	97
CHOCTAW MS					1	8.4					92
CLAIBORNE MS			2	4.7	3	6.6		41			89
CLARKE MS	1	1.6	1	3.7			139				
CLAY MS	2	4.9			2	3.2			-34	24	75
COAHOMA MS	5	2.8	6	4.2	4	2.3	51	-45	-16	34	71
COPIAH MS	2	3.1	1	2.1	4	5.4	-31	151	74	74	85
COVINGTON MS					1	4.3					81
DE SOTO MS	2	3.7			2	3.5			-6	42	76
FORREST MS	4	6.9	5	5.8	4	5.1	-16	-12	-27	28	84
FRANKLIN MS			1	6.7							
GRENADA MS			3	5.5	1	3.4		-39			76
HARRISON MS	1	2.1	5	7.8	5	4.2	278	-46	106	81	80
HINDS MS	7	2.3	22	6.3	22	4.8	169	-24	105	81	83
HOLMES MS	6	6.8	2	1.9	6	6.3	-72	225	-9	40	88
HUMPHREYS MS	2	2.5	2	4.8	3	5.6	89	16	119	83	86
ISSAQUENA MS			1	11.4							
ITAWAMBA MS					1	28.1					98
JACKSON MS					1	1.7					70
JASPER MS	1	1.4	2	6.9	1	4.0	383	-42	178	88	79
JEFFERSON MS	1	2.7	1	1.7	1	2.3	-35	34	-13	38	72
JEFFERSON DAVIS MS					1	2.5					72
JONES MS	6*	7.1	2	2.7	7*	8.2	-61	198	15	54	91
KEMPER MS	1	4.7			1	2.4			-49	16	72
LAFAYETTE MS	1	4.4	3	7.0	2	4.8	61	-31	10	52	83
LAMAR MS			1	8.6	2*	18.7		117			97
LAUDERDALE MS	1	.7	7	5.5	7	4.9	680	-11	595	98	84
LAWRENCE MS					2	9.1					93
LEAKE MS					3	9.3					93
LEE MS	1	1.1	1	2.0	2	3.8	77	92	240	91	78
LEFLORE MS	5	2.8	4	3.0	4	2.9	6	-2	4	49	74
LINCOLN MS			2	5.7	3	6.9		22			89
LOWNDES MS	1	1.4	7	7.8	2	2.7	450	-65	92	77	73
MADISON MS	4	3.1	3	2.3	3	2.5	-25	8	-19	33	72
MARION MS			2	7.6	1	3.2		-57			75
MARSHALL MS			2	3.2	4	4.6		44			82
MONROE MS	3	4.8									
MONTGOMERY MS					4*	13.3					96
NESHOBA MS					2	8.3					92
NEWTON MS	2	5.7	1	4.2	3	9.7	-26	128	68	73	93
NOXUBEE MS	1	1.5	6*	12.1	4	7.5	684	-38	386	95	90
OKTIBBEHA MS	3	5.2	2	1.8	4	8.1	-64	338	56	70	91
PANOLA MS	2	3.0	1	1.5	2	2.4	-50	54	-22	31	72
PEARL RIVER MS			1	3.6	1	3.6		0			77
PIKE MS	4	5.9	4	4.9	7*	8.3	-16	69	42	66	92
PONTOTOC MS	1	4.9									
PRENTISS MS					1	10.9					94
QUITMAN MS			4	6.9	4	9.9		44			93
RANKIN MS	2	3.8	1	1.4	1	2.1	-62	49	-44	19	71
SCOTT MS	3	9.3	1	2.7	2	5.0	-71	85	-46	18	84
SHARKEY MS	2	7.1									

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
1	9.4	1	3.4	3	7.9	SIMPSON MS	-64	133	-16	35	91
		2*	12.5			SMITH MS					
				1	11.5	STONE MS					95
2	1.4	5	3.8	10*	10.8	SUNFLOWER MS	168	184	660	99	94
3	2.4	2	3.4			TALLAHATCHIE MS	41				
		3	8.9	2	5.7	TATE MS		-36			86
2*	16.9			3*	20.4	TIPPAH MS			20	57	97
2	2.7	2	4.4	1	1.7	TUNICA MS	63	-61	-36	23	70
				3*	18.6	UNION MS					97
1	4.4	1	4.7	1	5.1	WALTHALL MS	6	10	17	54	85
2	1.9	4	4.2	4	3.7	WAPPEN MS	119	-12	94	77	78
5	2.3	17*	8.0	10	4.5	WASHINGTON MS	254	-43	100	79	82
1	1.8			1	3.8	WAYNE MS			118	82	78
1	3.9	2*	20.1			WEBSTER MS	410				
		1	2.5			WILKINSON MS					
1	2.6	4*	11.5	1	2.3	WINSTON MS	339	-80	-12	38	71
1	2.3	2	8.3	2	7.7	YALOBUSHA MS	264	-7	239	91	91
2	2.1	5	6.3	2	1.7	YAZOO MS	195	-73	-22	31	70
70	3.8	97	4.5	99	3.7	MISSOURI MO	20	-18	-2		
		1	4.4			BOONE MO					
1	7.8	1	8.8	4*	17.7	BUCHANAN MO	13	102	128	84	97
		2	10.3	1	14.0	BUTLER MO		36			96
1*	14.6					CAPE GIRARDEAU MO					
1*	13.8					CHARITON MO					
		1	11.1			COLE MO					
1	6.6	1	5.6			GREENE MO	-16				
		1	14.6			HOWARD MO					
19	4.5	22	4.5	21	3.6	JACKSON MO	0	-22	-21	32	77
1*	27.0					JEFFERSON MO					
				1	17.5	LAFAYETTE MO					97
1*	93.7					LIVINGSTON MO					
		2*	16.5			MARION MO					
		1	4.4	1	3.9	NEW MADRID MO		-11			79
1	2.0	1	3.1	1	1.8	PEMISCOT MO	50	-43	-14	36	70
				1*	136.6	PERRY MO					99
1	9.8					PETTIS MO					
		2*	18.2	2*	14.5	PIKE MO		-20			96
1	12.6			1	8.3	RANDOLPH MO			-34	23	92
1*	23.6					ST CHARLES MO					
7*	7.4	4	2.3	12	4.5	ST LOUIS COUNTY MO	-69	92	-40	21	81
				1	8.6	SALINE MO					92
1	7.3	1	7.2	1	6.5	SCOTT MO	-1	-10	-11	39	88
33	3.2	57	5.0	52	4.0	ST LOUIS CITY MO	56	-20	24	58	79
1	.6	1	1.2	7	6.3	MONTANA MT	112	407	976		
		1	9.9			BIG HORN MT					
				1	7.6	CASCADE MT					91
				1*	113.7	GALLATIN MT					99
				1	6.2	GLACIER MT					88
1*	9.5			1	13.8	LAKE MT			44	66	96
				1*	94.4	PHILLIPS MT					99
				1	9.6	ROOSEVELT MT					93
				1	5.6	YELLOWSTONE MT					86
8	6.0	17*	10.8	10	3.9	NEBRASKA NB	78	-64	-35		
1*	60.3			1*	57.3	ADAMS NB			-5	43	99
		1*	67.0			DAWES NB					
5	4.7	14*	12.2	8	4.1	DOUGLAS NB	159	-67	-13	36	79
1	23.6	1	5.2	1	9.4	LANCASTER NB	-78	79	-60	09	93
1*	424.0					POLK NB					
		1	8.1			THURSTON NB					
		4	4.0	9	4.7	NEVADA NV		17			
		3	5.4	6	5.9	CLARK NV		11			87
				1*	84.8	LYON NV					99
		1	4.8	2	4.7	WASHOE NV		-1			82
		2*	30.9			NEW HAMPSHIRE NH					
		1*	490.8			GRAFTON NH					
		1*	37.7			ROCKINGHAM NH					
82	4.7	84	3.1	170	4.1	NEW JERSEY NJ	-33	31	-13		
3	2.4	3	1.6	5	2.2	ATLANTIC NJ	-36	44	-8	41	71
		6	5.2	7	3.0	BERGEN NJ		-41			74
1	1.3	1	1.4	5	4.8	BURLINGTON NJ	4	247	261	92	83
6	3.5	7	3.7	14	4.4	CAMDEN NJ	4	19	24	58	81
2	14.4	2	8.1	1	2.3	CAPE MAY NJ	-44	-71	-84	02	72
1	2.2	1	1.1	4	4.3	CUMBERLAND NJ	-48	285	100	80	81
38*	7.6	37	3.8	56	4.3	ESSEX NJ	-49	11	-44	20	80
2	5.4	1	2.4	3	3.8	GLOUCESTER NJ	-55	54	-31	25	78
6	3.4	6	3.7	12	3.6	HUDSON NJ	10	-4	5	49	77
				1*	15.7	HUNTERDON NJ					97
4	4.4	4	1.8	10	4.9	MERCER NJ	-59	169	11	53	84
2	4.4	2	2.8	7	4.7	MIDDLESEX NJ	-37	69	7	51	82
6	3.9	5	3.3	15*	6.6	MONMOUTH NJ	-16	100	69	73	89
1	3.0			2	4.4	MORRIS NJ			46	67	81
1	10.5			1	3.1	OCEAN NJ			-71	05	75
3	4.4	2	.9	9	3.6	PASSAIC NJ	-79	291	-16	34	77
		2	5.7	2	4.1	SALEM NJ		-28			79
1	11.2			2	3.6	SOMERSET NJ			-68	06	77
		1*	46.5			SUSSEX NJ					
5	3.5	4	2.1	14	3.7	UNION NJ	-39	77	8	51	78

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NON-WHITE FEMALE LEUKEMIAS ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
4	1.0	4	1.1	12	1.9	NEW MEXICO	NM	2	73	77		
				4	2.1	BERNALILLO	NM					71
1	9.9	1	5.9			LEA	NM	-41				
2	2.1	2	2.6	3	2.1	MC KINLEY	NM	25	-18	3	48	71
1	4.9	1	7.0			OTERO	NM	43				
				1	3.0	RIO ARRIBA	NM					74
				1	5.0	SANDOVAL	NM					84
				2	1.5	SAN JUAN	NM					69
				1	3.7	VALENCIA	NM					78
215	4.0	324	3.9	447	3.6	NEW YORK	NY	-3	-8	-10		
1	4.8	1	.9	3	2.5	ALBANY	NY	-82	188	-49	16	72
29	5.5	37	2.9	63	3.1	BRONX	NY	-48	7	-44	20	74
		1	11.8			CATTARAUGUS	NY					
1	17.5			1	5.2	CHEMUNG	NY			-71	05	85
		3	5.1	5	8.0	DUTCHESS	NY		56			91
11	3.9	14	3.2	24	4.9	ERIE	NY	-17	52	26	59	84
1*	21.2					FRANKLIN	NY					
1*	23.4					GREENE	NY					
				1*	89.3	JEFFERSON	NY					99
40	2.7	73	3.2	109	3.3	KINGS(BROOKLYN)	NY	18	3	21	57	75
				1*	14.0	LIVINGSTON	NY					96
4	7.2	2	.8	8	3.0	MONROE	NY	-88	255	-58	10	74
8	5.9	16	6.0	11	3.6	NASSAU	NY	2	-40	-39	22	77
76	4.0	110	4.9	105	3.8	NEW YORK(MANHATTAN)	NY	23	-22	-4	44	78
1	14.1			1	1.8	NIAGARA	NY			-87	01	70
		2	9.8	2	9.1	ONEIDA	NY		-7			93
2	2.3	9*	19.6	2	.9	ONONDAGA	NY	753	-95	-61	09	69
1*	37.3					ONTARIO	NY					
1	5.2	1	2.3	3	6.0	ORANGE	NY	-55	156	14	54	87
		1*	17.6			ORLEANS	NY					
				1*	45.5	OTSEGO	NY					99
20	4.2	19	1.9	61	3.5	QUEENS	NY	-54	81	-16	34	76
				1	2.6	RENSSELAER	NY					73
2	8.3	1	1.1	4	5.9	RICHMOND	NY	-87	435	-29	26	87
2	5.4	3	5.0	3	4.8	ROCKLAND	NY	-7	-4	-11	39	83
		3*	51.3	2*	21.3	SARATOGA	NY		-59			98
2*	33.5	2*	20.9	1	4.1	SCHENECTADY	NY	-38	-80	-88	01	80
2	1.6	6	2.8	8	3.2	SUFFOLK	NY	72	13	94	77	75
		1	4.8	1	6.5	SULLIVAN	NY		36			88
		1	6.6			ULSTER	NY					
		1	5.6	1	9.9	WAYNE	NY		77			93
10	4.3	17	4.5	25	4.7	WESTCHESTER	NY	4	6	10	52	82
151	3.1	220	4.4	226	3.8	NORTH CAROLINA	NC	45	-15	23		
1	2.6	4	7.2	3	3.6	ALAMANCE	NC	180	-50	39	64	77
2	1.9	6*	11.8	1	1.5	ANSON	NC	511	-88	-24	30	69
5*	8.5	4	6.7	1	1.4	BEAUFORT	NC	-21	-79	-83	02	69
		1	2.0	3	4.5	BERTIE	NC		122			81
2	4.1	3	7.2	1	1.6	BLADEN	NC	75	-78	-61	08	70
3*	11.9			1	2.7	BRUNSWICK	NC			-77	03	73
3	4.0	3	3.8	5	5.5	BUNCOMBE	NC	-5	45	38	64	86
1	8.8			1	4.5	BURKE	NC			-49	16	82
2	5.2	1	2.8	4	6.7	CABARRUS	NC	-48	142	27	59	89
		3*	17.1			CALDWELL	NC					
		1	14.5			CAMDEN	NC					
		2	9.7	1	5.6	CARTERET	NC		-43			86
		3	9.0	2	5.1	CASWELL	NC		-43			84
2	11.1	2	7.8	1	4.6	CATAWBA	NC	-30	-41	-59	10	82
4*	10.0	2	6.1	5*	12.4	CHATHAM	NC	-39	104	25	58	95
		2	9.7	1	3.1	CHOWAN	NC		-68			75
2	5.1	2	3.8	1	1.0	CLEVELAND	NC	-25	-73	-80	02	69
1	1.1	7*	10.4	2	2.6	COLUMBUS	NC	868	-75	146	86	73
3	3.5	3	5.2			CRAVEN	NC	52				
5	2.9	1	.9	13	5.0	CUMBERLAND	NC	-69	465	73	74	84
1	3.7	1	3.2	2	3.7	DAVIDSON	NC	-14	16	0	46	77
4	6.7					DUPLIN	NC					
7	4.6	7	3.5	9	3.8	DURHAM	NC	-24	10	-17	34	78
3	2.0	5	4.1	6	4.9	EDGECOMBE	NC	103	19	142	86	83
6	2.7	13	5.6	21*	7.3	FORSYTH	NC	107	32	172	87	90
1	1.0	3	5.1	2	3.1	FRANKLIN	NC	411	-40	208	91	74
2	2.3	3	3.4	3	3.3	GASTON	NC	52	-5	45	66	75
		3*	15.2	2	9.7	GATES	NC		-37			93
1	1.2	4	7.1	5	7.7	GRANVILLE	NC	510	8	557	97	91
				2	12.5	GREENE	NC					95
4	2.1	5	1.9	11	3.6	GUILFORD	NC	-9	88	71	74	77
7	5.2			3	2.3	HALIFAX	NC			-56	11	71
2	5.0	2	3.4	1	1.6	HARNETT	NC	-33	-52	-68	06	70
				1	9.4	HENDERSON	NC					93
3	4.8	1	1.7	3	4.8	HERTFORD	NC	-65	187	1	47	83
1	4.1	3	6.8	1	2.7	HOKE	NC	64	-60	-34	24	73
		1	9.4			HYDE	NC					
3	5.9	2	3.8	4	6.3	IREDELL	NC	-36	66	6	50	88
		2*	25.5			JACKSON	NC					
4	7.8	2	4.1	3	3.7	JOHNSTON	NC	-48	-10	-53	13	77
1	2.2	1	4.8	1	4.8	JONES	NC	123	0	123	83	83
1	2.0	2	5.0	1	3.0	LEE	NC	153	-40	51	69	74
3	4.5	4	5.8	2	2.4	LENOIR	NC	29	-59	-47	17	72
1	1.1	2	4.6	2	3.5	MARTIN	NC	331	-23	232	91	77
9	3.4	15	4.5	15	3.7	MECKLENBURG	NC	32	-19	7	51	77
		2	3.9	2	4.0	MOORE	NC		1			79
2	1.1	5	4.1	1	1.0	NASH	NC	254	-76	-16	35	69
4	4.9	7	6.6	6	4.9	NEW HANOVER	NC	34	-26	-1	46	84
4	3.2	4	6.6	5	7.6	NORTHAMPTON	NC	106	15	136	85	90
3*	16.3	2	5.4	1	2.0	ONSLOW	NC	-67	-62	-88	01	71
		4	8.3	2	3.8	ORANGE	NC		-54			78
		4	7.6	1	1.7	PASQUOTANK	NC		-78			70

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE 70S/50S	RATES 1970S
		2	5.7	1	2.5	PENDER	NC		-56			72
2	11.8	2	10.8			PERQUIMANS	NC	-8				
1	4.8	1	1.8	2	4.8	PERSON	NC	-62	164	-1	45	83
3	1.9	4	2.8	5	3.6	PITT	NC	46	25	83	76	77
		1	4.2	2	7.0	RANDOLPH	NC		66			89
1	2.1	2	3.6	2	3.0	RICHMOND	NC	71	-18	40	65	74
5	2.8	9	5.2	5	1.7	ROBESON	NC	84	-67	-38	22	70
1	1.1	2	2.2	6	7.7	ROCKINGHAM	NC	98	258	610	98	91
3	5.3	2	3.0	5	6.5	ROWAN	NC	-44	119	23	58	88
2	7.7	3*	12.5	2	5.4	RUTHERFORD	NC	62	-57	-31	26	85
2	1.4	4	5.4	4	4.5	SAMPSON	NC	296	-16	232	91	82
2	1.7	3	7.4	1	1.3	SCOTLAND	NC	325	-82	-25	30	69
				1	3.9	STANLY	NC					79
				2	10.7	SURRY	NC					94
1*	7.0					SWAIN	NC					
1	1.8	1	2.8	1	1.4	UNION	NC	51	-48	-22	31	69
3	2.9	3	4.1	3	5.1	VANCE	NC	41	22	72	74	84
5	2.7	9	4.4	9	3.5	WAKE	NC	62	-20	29	61	76
		2	3.8	2	4.5	WARREN	NC		19			81
2	9.9	1	2.9	2	7.4	WASHINGTON	NC	-70	151	-26	29	90
		1*	56.2			WATAUGA	NC					
1	.5	3	2.3	4	2.5	WAYNE	NC	322	8	357	95	72
2	2.0	4	5.5	3	2.8	WILSON	NC	170	-46	39	65	73
1*	21.0					YADKIN	NC					
1	3.4	3	4.8	5	10.2	NORTH DAKOTA	ND	38	113	195		
		1*	28.8	1	6.3	BENSON	ND		-78			88
1	8.6			4*	25.1	ROLETTE	ND			191	90	98
		2*	20.8			SIOUX	ND					
110	4.1	181	4.8	223	4.5	OHIO	OH	16	-5	10		
		1	2.7			ALLEN	OH					
1*	8.5			1	4.9	ASHTABULA	OH			-42	20	84
				1	15.1	ATHENS	OH					96
		1	7.4			BELMONT	OH					
2	6.0	1	2.2	1	1.9	BUTLER	OH	-64	-13	-69	06	71
1*	18.9	1	13.4			CHAMPAIGN	OH	-29				
5*	8.6	5	7.7	4	4.9	CLARK	OH	-11	-35	-42	20	84
		3*	34.9	1	7.3	COLUMBIANA	OH		-79			90
32	3.9	53	4.5	54	3.3	CUYAHOGA	OH	15	-27	-16	35	76
1	11.2					ERIE	OH					
13	5.2	23	6.0	29	5.7	FRANKLIN	OH	16	-5	11	53	87
1*	23.6					GALLIA	OH					
3*	12.4			2	5.9	GREENE	OH			-52	14	87
20	4.5	29	4.4	41	5.2	HAMILTON	OH	-1	17	15	54	85
				1*	19.3	HIGHLAND	OH					97
				1*	212.0	HOCKING	OH					99
		2	6.9	1	3.1	JEFFERSON	OH		-55			74
		1	9.0	1	7.2	LAKE	OH		-19			90
		2*	26.4	1	16.1	LICKING	OH		-39			97
1	2.0	2	4.4			LORAIN	OH	116				
9	6.4	12	5.7	11	3.9	LUCAS	OH	-10	-32	-39	22	78
		1*	24.8	1*	26.0	MADISON	OH		5			98
2	1.7	5	2.8	14*	6.9	MAHONING	OH	61	152	305	94	89
8	3.6	17	4.8	28*	7.0	MONTGOMERY	OH	33	46	95	78	89
				2	8.3	MUSKINGUM	OH					92
				1*	127.9	PREBLE	OH					99
1	5.9	4*	13.4	1	3.1	RICHLAND	OH	128	-77	-47	16	75
2*	10.9					ROSS	OH					
				1	7.3	SANDUSKY	OH					90
1	9.3	1	10.9			SCIOTO	OH	18				
		1*	28.1	2*	34.3	SENECA	OH		22			99
1	1.2	5	6.5	5	4.7	STARK	OH	429	-27	285	93	83
5	3.0	4	2.7	15	6.0	SUMMIT	OH	-10	119	98	78	87
1	1.7	4	7.1	3	4.1	TRUMBULL	OH	307	-42	137	86	80
		1*	20.2			TUSCARAWAS	OH					
		1*	14.8			WAYNE	OH					
		1*	78.1			WOOD	OH					
41	4.1	43	3.4	63	3.7	OKLAHOMA	OK	-16	9	-9		
				1	4.3	ADAIR	OK					80
		4*	20.2			CADDO	OK					
		1	11.2			CANADIAN	OK					
1	4.4	2	8.3	3	11.0	CARTER	OK	88	33	150	87	94
		2	13.8	2	5.1	CHEROKEE	OK		-63			84
				1	3.5	CHOCTAW	OK					76
		1	1.3			COMANCHE	OK					
		1	7.5			CREEK	OK					
				1	8.4	CUSTER	OK					92
1	14.1			2	9.6	DELAWARE	OK			-32	25	93
		1	8.4			GARFIELD	OK					
1*	16.8	1	16.1			GARVIN	OK	-4				
		1	7.5	1	9.9	GRADY	OK		33			93
		1*	38.3			HASKELL	OK					
		1	6.7	3*	28.2	HUGHES	OK		318			98
				1	15.8	JOHNSTON	OK					97
2*	19.9					KAY	OK					
1*	21.0					KINGFISHER	OK					
				2	10.5	LE FLORE	OK					94
3*	15.6					LOGAN	OK					
1*	33.5					LOVE	OK					
2	5.4	2	5.8			MC CURTAIN	OK	7				
				2	10.1	MC INTOSH	OK					94
1	12.0			1	4.6	MAYES	OK			-62	08	82
				1*	14.1	MURRAY	OK					96
3	3.9	3	3.1	5	4.9	MUSKOGEE	OK	-21	57	24	58	83
				2*	32.1	NOBLE	OK					98
		1	11.2			NOWATA	OK					

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NON-WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
		3*	14.5	2	5.6	OKFUSKEE OK		-62			86
13*	7.1	8	3.7	15	4.9	OKLAHOMA OK	-48	35	-31	26	84
3	7.0	2	4.3	1	3.1	OKMULGEE OK	-38	-28	-55	12	75
				1	2.7	PITTSBURG OK					73
		1*	17.2			PUSHMATAHA OK					
				3	8.7	SEMINOLE OK					92
1	12.8					SEQUOYAH OK					
1	5.4					TILLMAN OK					
5	3.5	6	3.2	12	4.2	TULSA OK	-9	33	21	57	80
1	4.8					WAGONER OK					
1	10.2	1	7.0	1	3.2	WASHINGTON OK	-32	-53	-68	06	75
9*	6.3	12	6.2	8	2.3	OREGON OR	-2	-63	-64		
1*	273.3					COLUMBIA OR					
1*	17.1					JEFFERSON OR					
1*	11.2	1	6.1			KLAMATH OR	-45				
				1	20.0	MALHEUR OR					97
		1*	12.8			MARION OR					
5	6.6	10*	8.3	7	3.8	MULTNOMAH OR	26	-54	-42	20	78
1*	73.1					POLK OR					
122	3.6	185	4.2	257*	4.7	PENNSYLVANIA PA	18	12	32		
24	4.1	21	2.8	40	4.8	ALLEGHENY PA	-32	71	16	54	83
		1*	13.4	1*	18.9	ARMSTRONG PA		41			97
1	1.6	2	4.4	4	6.7	BEAVER PA	181	53	330	94	89
		1	4.0	3	4.2	BERKS PA		5			80
				1*	47.2	BRADFORD PA					99
		1	2.5	3	6.8	BUCKS PA		173			89
1	5.3			1	5.2	CAMBRIA PA			-4	44	85
3	5.0	6	7.1	7	7.4	CHESTER PA	42	4	48	68	90
4	6.1	6	5.7	11*	8.3	DAUPHIN PA	-6	45	36	63	92
9	5.9	12	6.1	14	5.5	DELAWARE PA	2	-10	-8	41	86
		1*	344.1			ELK PA					
1	3.9			3	7.8	ERIE PA			101	80	91
		1	3.3	3	8.6	FAYETTE PA		163			92
				1	10.6	LACKAWANNA PA					94
		1	4.5	1	5.4	LANCASTER PA		20			85
1	6.8	1	8.9			LAWRENCE PA	31				
				1*	37.7	LEBANON PA					99
1*	27.8			1	2.0	LEHIGH PA			-93	00	71
				1	10.9	LUZERNE PA					94
1*	172.0					MC KEAN PA					
1	8.2	2	11.5	1	3.3	MERCER PA	41	-71	-60	10	76
1	.9	3	2.8	9	6.0	MONTGOMERY PA	204	115	554	97	87
1	10.1					NORTHAMPTON PA					
67	3.2	121	4.5	141	4.2	PHILADELPHIA PA	40	-8	29	61	80
2	3.8	3	6.6	9*	21.3	WASHINGTON PA	74	225	466	96	98
1	2.0			1	3.0	WESTMORELAND PA			45	67	74
3*	14.5	2	10.0			YORK PA	-31				
		3	2.5	5	2.9	RHODE ISLAND RI		19			
		1*	24.6			KENT RI					
		1	9.2			NEWPORT RI					
		1	.8	5	3.7	PROVIDENCE RI		365			77
121	3.2	117	3.3	161	4.0	SOUTH CAROLINA SC	2	20	23		
3	7.5					ABBEVILLE SC					
3	2.5	6	6.0	6	5.4	AIKEN SC	144	-10	119	83	85
1	2.9	1	3.6	1	4.3	ALLENDALE SC	22	20	47	68	80
3	3.7	3	3.7	3	2.9	ANDERSON SC	0	-22	-21	32	74
2	5.0	1	1.7	2	5.4	BAMBERG SC	-65	209	8	51	85
1	4.0	2	6.7	3	8.0	BARNWELL SC	69	20	103	80	91
2	2.3	2	2.5	3	3.8	BEAUFORT SC	8	55	67	72	78
3	2.4	1	1.6	1	1.1	BERKELEY SC	-34	-32	-55	12	69
1	3.1			1	2.7	CALHOUN SC			-13	37	73
11	3.5	8	2.4	16	3.7	CHARLESTON SC	-32	54	5	49	77
2	7.3					CHEROKEE SC					
1	.9	3	5.1	5	9.1	CHESTER SC	461	79	902	99	92
3	4.6	3	6.5	1	1.9	CHESTERFIELD SC	42	-71	-59	10	70
		2	1.4	3	3.6	CLARENDON SC		164			77
2	1.6	2	3.4	2	3.3	COLLETON SC	107	-4	98	79	75
4	4.9	1	1.4	4	4.6	DARLINGTON SC	-72	237	-6	42	82
7*	13.5	2	4.5	4	6.7	DILLON SC	-67	50	-50	15	89
1	1.1	1	2.2	3	4.4	DORCHESTER SC	103	98	302	93	81
2	4.3			2	5.9	EDGEFIELD SC			36	63	87
		1	2.0	3	6.5	FAIRFIELD SC		222			89
2	1.4	9	6.8	5	2.9	FLORENCE SC	379	-56	101	80	74
1	2.2	4	5.7	3	3.0	GEORGETOWN SC	163	-49	35	62	74
11*	5.6	7	4.2	8	3.7	GREENVILLE SC	-26	-12	-34	23	77
		1	1.3	3	3.7	GREENWOOD SC		178			78
		3	4.9	1	2.9	HAMPTON SC		-40			74
2	3.6	1	1.6	2	2.0	HORRY SC	-57	29	-45	18	71
		1	2.8	1	2.0	JASPER SC		-28			71
3	4.7	4	7.9	4	5.7	KERSHAW SC	68	-28	20	56	86
2	2.8			6*	10.6	LANCASTER SC			284	93	94
		1	1.1	4	5.9	LAURENS SC		429			87
3	3.8			3	6.7	LEE SC			80	75	89
4*	8.2	3	6.5	1	1.9	LEXINGTON SC	-21	-70	-76	03	71
		1	4.1	3*	17.0	MC CORMICK SC		311			97
4	7.5	5	6.8	3	3.8	MARION SC	-9	-44	-49	16	78
2	1.7	4	8.2			MARLBORO SC	381				
1	2.7	1	2.1	2	4.3	NEWBERRY SC	-21	103	60	71	80
1	5.5			2	9.3	OCONEE SC			69	73	93
4	2.5	5	3.1	7	3.6	ORANGEBURG SC	25	16	45	67	77
1	6.2			1	3.6	PICKENS SC			-42	21	77
9	3.0	9	3.0	13	3.9	RICHLAND SC	-2	31	28	60	78
1	4.9	1	3.0			SALUDA SC	-39				

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1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
6	3.3	4	2.3	9	5.1	SPARTANBURG SC	-29	119	56	70	84
3	1.9	7	4.0	7	4.3	SUMTER SC	108	8	124	84	80
1	2.1	2	5.3			UNION SC	151				
3	1.9	4	3.9	7	6.4	WILLIAMSBURG SC	109	65	245	92	88
5	6.1	1	.7	3	2.9	YORK SC	-89	341	-52	14	74
3	2.3	5	4.3	4	2.2	SOUTH DAKOTA SD	85	-49	-6		
				1*	37.2	BENNETT SD					99
				1*	6.4	CHARLES MIX SD					88
		1*	7.0			CORSON SD					
				1*	84.4	CUSTER SD					99
1*	20.1					FALL RIVER SD					
1*	12.8					HUGHES SD					
1*	546.4					LAKE SD					
		1	33.5			PENNINGTON SD					
		1*	12.5			ROBERTS SD					
		2	5.7	1	4.0	SHANNON SD		-29			79
87	3.3	135	4.5	170*	5.0	TENNESSEE TN	37	10	51		
		2*	30.0			ANDERSON TN					
				2*	107.9	BENTON TN					99
				1*	53.6	BLEDSOE TN					99
				2	16.1	BLOUNT TN					97
		1	4.6			CARROLL TN					
1*	70.1	1*	86.0			CARTER TN	23				
		1*	94.4			CLAY TN					
				1*	21.0	COCKE TN					98
		2*	16.6			CROCKETT TN					
16	4.3	14	3.6	27	5.5	DAVIDSON TN	-17	50	25	59	86
		1*	28.1	1*	28.1	DECATUR TN		0			98
		2	7.3			DYER TN					
		5	8.4	2	3.3	FAYETTE TN		-61			75
1	9.3	1	10.5	1	9.1	FRANKLIN TN	13	-13	-2	45	93
2	3.8	2	4.0	1	1.8	GIBSON TN	6	-55	-53	13	70
		2	8.3	1	2.6	GILES TN		-69			73
1*	18.3					GREENE TN					
				1	12.1	HAMBLEN TN					95
5	2.3	6	2.5	9	3.1	HAMILTON TN	12	24	38	64	75
2	4.4	2	5.2	5*	11.0	HARDEMAN TN	17	112	147	86	94
1*	23.6	2*	38.4			HARDIN TN	63				
1	1.6	1	1.9	5	9.2	HAYWOOD TN	20	387	484	97	93
		1	16.4			HENDERSON TN					
1	4.9			1	4.8	HENRY TN			-1	46	83
2	1.7	5	4.3	9	6.2	KNOX TN	158	43	268	92	88
4*	11.0	2	5.7	4	10.9	LAUDERDALE TN	-48	90	-1	45	94
1*	35.1					LAWRENCE TN					
1	6.8			2	13.6	LINCOLN TN			100	80	96
1	1.1	4	3.7	9	7.7	MADISON TN	237	107	599	98	91
		2*	21.4			MARSHALL TN					
		1	2.3			MAURY TN					
				1*	17.6	MONROE TN					97
2	4.8	3	5.5	3	5.7	MONTGOMERY TN	14	5	19	56	86
				1	13.0	OBION TN					96
1	4.3	1	4.7	1	3.8	ROBERTSON TN	8	-18	-11	38	78
2	4.4					RUTHERFORD TN					
1*	141.3					SEVIER TN					
35	3.6	68*	5.8	72	5.3	SHELBY TN	59	-8	47	68	85
1	7.6			2	14.4	SULLIVAN TN			88	77	96
		2	2.5			TIPTON TN					
1*	25.9					TROUSDALE TN					
1	5.5			2	12.3	WASHINGTON TN			123	83	95
				1	11.7	WEAKLEY TN					95
1	2.1	1	4.3	1	3.3	WILLIAMSON TN	102	-22	58	71	76
2	11.7			2	8.1	WILSON TN			-30	26	91
185	3.5	278	4.6	310	3.4	TEXAS TX	30	-26	-4		
3	6.4	2	4.4	3	6.1	ANDERSON TX	-31	38	-5	43	87
1	3.6	3	8.2			ANGELINA TX	126				
1	7.1			2	6.2	AUSTIN TX			-13	37	88
2	6.9	1	4.5	1	3.8	BASTROP TX	-34	-16	-45	19	78
1*	44.7					BEE TX					
2	7.2	1	1.2	5	7.2	BELL TX	-83	478	0	47	90
8	5.0	13	4.9	21	4.1	BEXAR TX	-3	-17	-19	33	79
1*	196.5					BLANCO TX					
		1*	23.6			BOSQUE TX					
2	2.9	2	2.5	6	6.0	BOWIE TX	-14	136	102	80	87
1	3.1	1	2.4	2	3.7	BRAZORIA TX	-24	56	18	56	78
2	5.0	1	1.5	3	4.9	BRAZOS TX	-69	219	-1	45	84
1	4.6			1	4.1	BURLESON TX			-10	40	80
		1*	112.4			BURNET TX					
				1	3.4	CALDWELL TX					76
				1	9.4	CALHOUN TX					93
				1	7.8	CAMP TX					91
1	3.0			1	2.2	CASS TX			-26	29	71
1	8.2					CHAMBERS TX					
4	7.5	3	6.0			CHEROKEE TX	-20				
1*	17.6			1*	35.2	CHILDRESS TX			99	79	99
1*	56.3					COCHRAN TX					
		1*	136.6	1*	31.0	COLEMAN TX		-77			98
2*	10.4					COLLIN TX					
		1	2.6			COLORADO TX					
				1	4.3	CORYELL TX					80
18	3.4	28	4.3	41	3.9	DALLAS TX	26	-11	12	53	78
1	4.7					DE WITT TX					
1	21.5	1	14.1	3	14.1	ECTOR TX	-35	1	-34	23	96
1	1.6	1	1.3	2	4.3	ELLIS TX	-17	235	178	87	81
1	3.0	2	5.2	2	.2	EL PASO TX	72	-96	-92	00	68
1	4.0	1	3.5	2	5.2	FALLS TX	-12	50	32	61	85

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COUNTY AND STATE	1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
FAYETTE TX	1	3.8									
FISHER TX			1*	62.9							
FLOYD TX			1*	24.5							
FORT BEND TX			3	6.3	3	3.7		-42			77
FREESTONE TX					1	3.0					74
GALVESTON TX	5	5.2	4	3.0	9	4.7	-42	55	-10	40	82
GONZALES TX	1	5.2									
GRAYSON TX			1	2.4							
GREGG TX	2	2.1	5	5.9	9*	9.6	189	61	366	95	93
GRIMES TX	1	5.1			2	4.9			-5	43	83
GUADALUPE TX					2	6.2					88
HARDEMAN TX	1*	26.0									
HARDIN TX	1	5.8	1	4.5			-23				
HARRIS TX	31	3.4	55	4.4	56	3.0	31	-33	-13	37	74
HARRISON TX	3	2.3	10*	9.9	4	3.6	329	-63	57	70	77
HASKELL TX			1*	33.1							
HENDERSON TX	1	3.4	1	5.9	3	8.7	77	47	160	87	92
HIDALGO TX					1	2.5					72
HILL TX	2	9.6									
HOCKLEY TX	1*	16.4	1*	8.4			-49				
HOPKINS TX			1	10.3							
HOUSTON TX	2	4.9			1	1.8			-64	07	70
HOWARD TX					1	6.8					89
HUNT TX	3*	8.7	2	7.9	2	6.0	-9	-25	-32	25	67
JASPER TX	1	3.1	1	3.7	1	2.6	20	-32	-18	33	73
JEFFERSON TX	9	3.8	14	4.8	12	3.5	25	-27	-8	41	77
JIM WELLS TX					1	14.9					96
JOHNSON TX	1	9.9									
KAUFMAN TX	1	1.4	1	2.0	1	1.9	41	-3	36	63	71
KERR TX			1*	20.6							
KLEBERG TX			1	12.5							
LAMAR TX	2	5.0	1	2.8	3	5.0	-44	77	-1	46	84
LAMB TX	1*	16.9									
LAVACA TX			2*	24.3							
LEE TX	2*	14.8									
LEON TX			2	6.5	2	8.0		22			91
LIBERTY TX	4*	13.4	3	7.4	2	6.4	-45	-14	-53	13	88
LIMESTONE TX	1	3.0	2	4.6	3	6.5	53	41	114	82	88
LUBBOCK TX	2	4.4	6*	9.8	1	2.3	124	-76	-46	18	72
MC LENNAN TX	2	1.7	8	5.7	4	2.4	233	-58	39	64	72
MADISON TX			2*	18.6							
MARION TX	2	8.1	1	2.8			-65				
MATAGORDA TX			3	10.9	1	2.0		-82			71
MIDLAND TX	1	2.5	3*	8.5	1	3.2	239	-62	29	60	75
MILAM TX					1	2.3					72
MONTGOMERY TX	1	3.5									
MORRIS TX	1	4.8	4*	25.7	2	10.4	434	-59	117	82	94
MOTLEY TX					1*	114.7					99
NACOGDOCHES TX			2	5.3							
NAVARRO TX	2	4.2	4	8.2	5*	11.7	96	43	180	88	95
NEWTON TX	1	6.0	1	4.5			-25				
NOLAN TX			1*	23.6							
NUECES TX			3	5.5	6	4.8		-13			83
ORANGE TX	1	5.4	2	9.7	1	3.4	80	-65	-38	22	76
PALO PINTO TX					1	11.0					94
PANOLA TX			1	4.0	1	3.8		-6			78
POLK TX	2	9.6									
POTTER TX	2	5.3	2	15.1	2	5.3	182	-65	-1	45	85
RAINS TX			1*	60.3							
RED RIVER TX			2	10.4	1	5.9		-44			87
ROBERTSON TX	4*	10.3	1	2.8	2	4.7	-73	71	-54	13	83
RUSK TX	3	5.1	4	7.4	3	5.7	45	-23	12	53	86
SABINE TX	1	7.6	1	18.2	2*	31.8	140	75	320	94	98
SAN AUGUSTINE TX			1	3.7	1	8.8		139			92
SAN PATRICIO TX			1*	24.6							
SCURRY TX			1*	35.3							
SHELBY TX					3	10.0					94
SMITH TX	3	3.1	5	4.3	5	3.3	38	-23	6	50	76
TARRANT TX	6	2.5	20	6.7	17	4.1	170	-39	65	72	79
TITUS TX	1	5.0			3*	17.7			257	92	97
TOM GREEN TX	1	5.4			1	5.1			-6	43	84
TRAVIS TX	4	3.4	3	2.2	8	3.5	-37	63	3	49	77
TYLER TX	1	12.0			1	10.5			-12	38	94
UPSHUR TX			2	6.8	2	8.2		20			91
VAN ZANDT TX	1*	14.2	1	16.7			18				
VICTORIA TX	1	4.2	1	4.1	1	2.8	-3	-32	-33	24	73
WALKER TX	1	2.5									
WALLER TX	1	4.2	3	10.9	2	7.1	157	-35	67	72	90
WASHINGTON TX			3	7.4	3	9.1		22			93
WHARTON TX	3	7.8	2	4.3	4	6.8	-45	59	-13	37	89
WICHITA TX	1	2.5			2	2.7			8	51	73
WILLIAMSON TX	1	3.6	2	8.2	1	2.7	127	-67	-25	30	73
WOOD TX			2	15.6	1	10.0		-36			94
UTAH UT	2	3.7	2	5.8	4	1.5	59	-74	-59		
DUCHESNE UT	1*	198.7									
SALT LAKE UT			1	11.2	2	2.1		-81			71
SAN JUAN UT					1	2.3					72
SEVIER UT	1*	140.3									
TOOELE UT					1*	18.2					97
WEBER UT			1	6.0							
VERMONT VT			1*	20.6							
CALEDONIA VT			1*	267.9							
VIRGINIA VA	128	3.6	152	4.0	189	4.1	12	2	15		
ACCOMACK VA					3	4.8					83
ALBEMARLE#VA	4	8.6			5	7.4			-14	36	90

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
2*	20.1			1	4.9	ALLEGHANY#VA			-76	04	83
				2	11.0	AMELIA VA					94
				1	3.2	AMHERST VA					75
2	3.3	3	9.9	4	3.1	ARLINGTON#VA	204	-69	-4	44	75
1	3.2			1	2.3	AUGUSTA#VA			-28	27	72
4	3.1	6	5.2	10	7.0	BEDFORD#VA	66	36	124	84	90
2	5.1	1	3.2	3	7.6	BRUNSWICK VA	-38	136	47	68	90
2	5.1			3*	14.5	BUCKINGHAM VA			184	88	96
		1	3.2	1	2.5	CAROLINE VA		-21			73
2*	37.7					CAPPOLL#VA					
1	6.5			1	5.3	CHARLES CITY VA			-18	33	85
		1	3.9	1	3.7	CHARLOTTE VA		-6			77
13	2.7	23	4.5	26	4.2	CHESTERFIELD#VA	66	-7	55	69	80
		1	3.8			CULPEPER VA					
1	6.5					CUMBERLAND VA					
7	3.7	10	5.3	8	3.8	DINWIDDIE#VA	44	-29	1	48	78
		4*	28.6			ESSEX VA					
		3	3.5	7	4.5	FAIRFAX#VA		28			82
4*	15.3					FAUQUIER VA					
				3*	19.2	FLUVANNA VA					97
		1	8.8	2	12.5	FRANKLIN VA		43			95
1	10.7			1	9.4	FREDERICK#VA			-12	38	93
1	6.7					GLOUCESTER VA					
2*	9.5			1	6.7	GOOCHLAND VA			-29	27	89
1	1.2	1	3.1	1	2.0	GREENSVILLE#VA	165	-37	68	73	71
2	3.2	1	1.8	1	1.5	HALIFAX#VA	-45	-17	-54	13	70
1	3.9			2	6.0	HANOVER VA			55	70	87
		3	5.9			HENRICO VA					
4	8.5	2	3.3	5	6.9	HENRY#VA	-61	109	-18	33	89
1	4.1	1	3.0	2	5.0	ISLE OF WIGHT VA	-27	68	23	57	84
2	4.7	1	1.6	1	1.4	JAMES CITY#VA	-67	-10	-70	05	69
1	5.6	1	8.3	1	7.7	KING AND QUEEN VA	47	-7	37	64	91
2*	12.9					KING WILLIAM VA					
				1	5.1	LANCASTER VA					84
2	7.9	1	5.4	1	3.2	LOUISA VA	-32	-40	-59	10	75
1	4.0	2	8.1			LUNENBURG VA	104				
				1	8.2	MATHEWS VA					92
3	4.6	1	1.1	3	4.6	MECKLENBURG VA	-76	313	0	47	82
		1	4.3			MIDDLESEX VA					
1	9.3					MONTGOMERY#VA					
		1	6.1	1	4.8	NELSON VA		-21			83
		2	4.8	3	6.5	NORTHAMPTON VA		36			88
1	5.5	1	7.0			NORTHUMBERLAND VA	29				
1	3.7			3	7.2	NOTTOWAY VA			95	78	90
3*	22.6	2*	13.6	1	8.5	ORANGE VA	-40	-37	-62	08	92
				1	11.7	PATRICK VA					95
8	5.9	5	3.8	5	3.4	PITTSYLVANIA#VA	-36	-9	-42	21	76
		1	9.9			POWHATAN VA					
		1	3.9	1	3.1	PRINCE EDWARD VA		-20			74
1	7.8	1	7.3	2	6.0	PRINCE WILLIAM#VA	-7	-17	-23	30	87
		1	9.4			PULASKI VA					
		1*	18.1			RAPPAHANNOCK VA					
2*	21.0	1	7.5			RICHMOND VA	-64				
4	4.5	5	4.3	6	4.5	ROANOKE#VA	-3	5	1	47	82
		2*	14.8			ROCKBRIDGE#VA					
1*	14.4	1	17.2			ROCKINGHAM#VA	19				
4	6.8			2	3.0	SOUTHAMPTON#VA			-55	12	74
2	9.7	2	7.9	1	1.9	SPOTSYLVANIA#VA	-18	-76	-80	02	71
1	2.5	1	1.7	1	3.0	SUSSEX VA	-34	81	20	56	74
1	9.1	2*	18.0			TAZEWELL VA	99				
2	10.3					WESTMORELAND VA					
23	3.6	35	5.3	42	5.1	CHESAPEAKE CITY#VA	47	-4	41	65	84
		1	.9	7	4.4	HAMPTON CITY VA		360			81
2	1.8	6	3.3	7	3.4	NEWPORT NEWS CITY VA	77	4	84	76	76
2	1.6	11*	10.3	3	2.4	SUFFOLK CITY VA	524	-76	47	68	72
14	6.1	16	3.2	31	3.8	WASHINGTON WA	-48	18	-39		
		1*	19.5			CLARK WA					
		2*	43.5			FERRY WA					
				2*	30.9	GRAYS HARBOR WA					98
8	6.5	8	2.8	18	4.3	KING WA	-57	56	-34	24	81
2*	28.8					KITSAP WA					
				1*	29.3	KLICKITAT WA					98
1*	74.3					PACIFIC WA					
1	6.1	2	1.5	3	1.7	PIERCE WA	-75	13	-72	05	70
		1	5.4	3	4.4	SPOKANE WA		-18			81
				1*	15.7	STEVENS WA					97
1*	53.8			1	62.9	THURSTON WA			17	55	99
1	8.2	2	11.0	2	3.2	YAKIMA WA	35	-71	-61	08	75
15	2.8	20	4.3	17	3.7	WEST VIRGINIA WV	53	-15	30		
1	3.3	2	6.3	2	4.6	CABELL WV	92	-26	41	65	82
1	2.7	2	5.8			FAYETTE WV	113				
		1	10.7	1	11.7	GREENBRIER WV		10			95
1*	10.2			1	11.1	HANCOCK WV			9	52	94
1	7.9	1	7.6			JEFFERSON WV	-4				
3	3.6	2	2.7	5	6.6	KANAWHA WV	-24	144	85	76	89
		1	5.3			LOGAN WV					
4	3.0	5	9.4	3	4.6	MC DOWELL WV	220	-51	57	70	82
2*	10.2	1	5.6	2	7.2	MARION WV	-45	27	-30	26	90
1	2.4	1	2.6	1	4.7	MERCER WV	9	80	96	78	83
		1*	67.0			MINERAL WV					
				2*	22.2	MONONGALIA WV					98
		1*	344.1			PENDLETON WV					
		2	3.4			RALEIGH WV					
1*	17.9					WOOD WV					
10	4.0	22	5.7	25	3.9	WISCONSIN WI	41	-31	-2		

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE — LEUKEMIAS — ICD 202.4,203.1,204-208

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
				1*	28.1	ASHLAND WI					98
1*	26.4			1*	24.8	BAYFIELD WI			-6	42	98
1*	31.3	1	3.3			DANE WI	-89				
1*	28.1			2*	13.4	KENOSHA WI			-52	14	96
				1*	94.7	LINCOLN WI					99
		3*	27.2			MENOMINEE#WI					
6	3.5	17	6.7	17	3.8	MILWAUKEE WI	91	-43	9	52	78
1	15.0	1	1.6			RACINE WI	-90				
				1	7.4	POCK WI					90
				1*	28.1	SAWYER WI					98
				1*	11.6	VILAS WI					95
		1	5.1	2	5.1	WYOMING WY		1			
				1*	37.2	CARBON WY					99
		1	11.5	1	3.7	FREMONT WY		-68			77

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
92361	14.5	102092	13.6	110650	12.8	UNITED STATES	-7	-5	-12		
1029	13.1	1394	14.1	1821*	15.1	ALABAMA AL	8	7	15		
8	16.6	10	16.7	16*	20.4	AUTAUGA AL	1	22	23	75	93
15	10.1	22	11.3	42	13.3	BALDWIN AL	11	18	31	78	61
5	10.4	11	18.0	17*	27.4	BARBOUR AL	73	52	162	96	98
2	4.2	8	14.2	11	19.4	BIBB AL	236	37	362	99	91
18	18.1	15	13.5	21	14.5	BLOUNT AL	-26	8	-20	42	71
1	4.9	3	15.0	3	12.1	BULLOCK AL	208	-19	148	95	51
16*	23.7	17*	22.8	14	18.7	BUTLER AL	-4	-18	-21	40	69
34	17.9	55*	17.8	71*	19.1	CALHOUN AL	0	7	7	65	90
9	7.7	10	9.3	19	13.4	CHAMBERS AL	21	45	74	89	62
5	12.6	8	11.5	17*	20.6	CHEROKEE AL	-9	60	64	87	93
21	20.4	24*	21.5	24*	18.7	CHILTON AL	5	-13	-8	53	89
6	15.4	9	19.9	5	10.3	CHOCTAW AL	30	-48	-33	28	34
13	21.0	8	10.9	19*	23.9	CLARKE AL	-48	119	14	71	96
3	5.4	8	12.4	10	14.4	CLAY AL	127	16	163	96	69
6	12.6	4	8.3	16*	28.2	CLEBURNE AL	-34	240	124	94	98
11	12.0	19	18.1	20	14.5	COFFEE AL	50	-20	20	74	70
13	11.0	18	11.9	23	11.7	COLBERT AL	8	-1	7	66	47
6	12.5	7	12.5	7	13.7	CONECUH AL	0	10	10	68	64
3	6.7	2	4.9	10	22.8	COOSA AL	-26	363	243	98	95
14	10.5	25	16.3	24	12.9	COVINGTON AL	55	-21	23	75	58
8	15.2	12	21.8	10	16.5	CRENSHAW AL	43	-24	9	67	82
22	15.0	31	14.0	54*	19.2	CULLMAN AL	-7	37	28	77	90
6	8.0	11	12.4	22	18.2	DALE AL	56	46	128	94	87
10	13.2	14	15.4	20	18.1	DALLAS AL	17	17	36	80	87
21	11.7	27	13.9	45*	18.8	DE KALB AL	19	35	60	87	89
13	15.5	9	8.1	23	15.2	ELMORE AL	-48	88	-2	59	75
9	10.3	16	15.5	14	11.8	ESCAMBIA AL	50	-24	14	70	47
30	11.2	47	13.9	57	13.7	ETOWAH AL	23	-1	22	74	64
5	7.3	10	13.8	15	18.5	FAYETTE AL	90	34	154	95	88
10	10.1	12	11.5	19	14.8	FRANKLIN AL	15	28	47	84	72
8	10.3	22*	22.2	14	13.3	GENEVA AL	116	-40	29	78	61
1	8.1	6*	35.7	3	18.4	GREENE AL	340	-48	127	94	88
2	5.8	3	9.4	4	11.0	HALE AL	64	17	91	91	41
8	22.7	7	16.6	4	8.3	HENRY AL	-27	-50	-63	06	20
18	15.0	16	10.8	29	13.4	HOUSTON AL	-28	24	-11	51	62
19	14.9	30*	20.7	19	11.6	JACKSON AL	39	-44	-22	39	46
197	14.6	220	13.2	301*	15.4	JEFFERSON AL	-10	17	5	65	76
6	9.3	10	15.2	11	14.6	LAMAR AL	63	-4	56	86	71
22	13.2	27	12.0	47	17.4	LAUDERDALE AL	-9	45	32	79	85
11	15.6	12	15.6	10	10.6	LAWRENCE AL	0	-32	-32	29	36
9	11.0	13	12.5	15	10.0	LEE AL	14	-20	-9	53	32
19	18.9	26*	19.7	29*	18.6	LIMESTONE AL	4	-5	-2	59	89
3	16.5	4	24.3	2	11.2	LOWNDES AL	48	-54	-32	29	43
1	4.1	4	14.5	7	26.7	MACON AL	256	84	554	99	97
27	14.3	56	18.4	68	14.6	MADISON AL	29	-21	2	62	71
4	13.0	3	6.6	9	16.7	MARENGO AL	-49	153	28	77	82
7	7.3	13	12.4	16	12.1	MARION AL	68	-2	65	88	51
23	13.8	29	13.3	32	11.3	MARSHALL AL	-4	-15	-18	43	43
69	12.1	104	14.3	119	13.1	MOBILE AL	19	-8	9	67	60
2	3.4	9	17.7	9	13.2	MONROE AL	421	-25	288	98	61
31	14.1	61	17.8	66	15.6	MONTGOMERY AL	26	-13	10	68	77
22	12.5	24	10.6	45	13.4	MORGAN AL	-15	27	8	66	62
2	11.4	4	11.6	4	11.3	PERRY AL	1	-3	-1	60	43
4	9.5	8	11.8	7	9.5	PICKENS AL	25	-20	0	61	27
21*	32.5	10	13.6	15	18.5	PIKE AL	-58	36	-43	19	88
9	11.8	15	18.5	3	3.3	RANDOLPH AL	57	-82	-72	03	03
8	10.2	22*	24.7	25*	21.8	RUSSELL AL	142	-12	113	93	94
13	16.5	12	10.9	44*	29.9	ST CLAIR AL	-34	174	81	90	98
11	10.2	6	5.2	15	8.5	SHELBY AL	-49	62	-17	44	20
6	32.7	2	8.6	5	18.5	SUMTER AL	-74	114	-44	19	88
23	16.4	40*	22.7	26	12.0	TALLADEGA AL	38	-47	-27	34	49
11	10.0	18	15.6	23	15.4	TALLAPOOSA AL	57	-1	54	85	76
21	7.9	36	10.3	44	11.3	TUSCALOOSA AL	30	10	42	82	43
29	14.1	31	12.6	56*	20.0	WALKER AL	-11	59	42	82	92
8	23.3	7	16.0	7	13.2	WASHINGTON AL	-31	-18	-43	19	60
6	22.9	3	13.8	6	21.4	WILCOX AL	-40	55	-7	55	94
5	8.5	9	12.3	14	14.9	WINSTON AL	45	21	76	90	73
		66	18.0	71	13.8	ALASKA AK		-23			
355	11.0	642	11.5	1383*	14.7	ARIZONA AZ	4	28	34		
1	2.6	5	20.6	3	8.9	APACHE AZ	681	-57	237	98	23
20	13.6	26	12.0	47	14.9	COCHISE AZ	-12	25	10	68	73
9	15.2	14	17.1	14	11.9	COCONINO AZ	13	-30	-22	40	49
10	14.1	8	7.2	22	15.7	GILA AZ	-49	117	12	69	78
9	19.7	7	11.9	21*	27.1	GRAHAM AZ	-40	129	37	80	98
4	19.0	4	12.3	10*	33.6	GREENLEE AZ	-36	174	77	90	99
175	10.2	330	10.8	793*	14.8	MARICOPA AZ	6	37	45	83	72
2	6.7	10	12.8	52*	23.8	MOHAVE AZ	90	86	253	98	96
2	3.6	10	12.7	16	16.4	NAVAJO AZ	258	29	361	99	81
72	11.3	143	12.1	260	13.8	PIMA AZ	7	14	22	75	65
19	13.2	34	16.7	45	15.1	PINAL AZ	27	-10	14	71	74
6	16.5	5	13.3	11	16.5	SANTA CRUZ AZ	-19	24	0	61	81
11	6.1	22	10.5	47	12.4	YAVAPAI AZ	71	19	103	92	53
15	14.7	24	12.7	42	12.9	YUMA AZ	-13	1	-12	49	56
940	14.0	1245*	16.0	1438*	15.2	ARKANSAS AR	14	-5	8		
7	7.8	17	17.2	17	16.1	ARKANSAS AR	120	-6	106	93	80
10	16.0	12	16.3	13	15.1	ASHLEY AR	2	-7	-6	56	74
7	9.8	17	18.1	32	15.3	BAXTER AR	85	-16	56	86	75
29	12.4	33	11.8	39	10.7	BENTON AR	-5	-9	-14	48	37

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
13	13.7	12	10.7	27	18.7	BOONE	AR	-22	75	37	80	89
9	24.6	11	21.3	9	13.2	BRADLEY	AR	-13	-38	-46	16	61
5	19.2	4	15.1	4	13.0	CALHOUN	AR	-21	-14	-32	29	59
12	15.2	7	8.2	8	7.1	CARROLL	AR	-46	-14	-53	12	13
11*	28.8	8	19.2	8	17.5	CHICOT	AR	-33	-9	-39	22	85
10	13.0	14	16.7	13	14.0	CLARK	AR	29	-16	8	66	66
30*	26.7	17	14.3	23	16.8	CLAY	AR	-46	17	-37	24	82
4	7.6	6	9.4	7	6.0	CLEBURNE	AR	24	-37	-21	40	09
3	10.0	3	9.5	5	13.6	CLEVELAND	AR	-5	43	36	80	63
8	10.8	13	14.6	21*	21.2	COLUMBIA	AR	36	45	97	92	94
5	7.9	10	14.5	9	10.9	CONWAY	AR	84	-25	39	81	40
32	16.8	36	17.8	43	17.2	CRAIGHEAD	AR	6	-3	3	63	84
12	10.7	26*	20.3	16	10.9	CRAWFORD	AR	89	-46	1	62	39
7	10.6	15	22.7	18	18.1	CRITTENDEN	AR	115	-20	71	89	87
13	22.1	17*	26.2	15	20.0	CROSS	AR	19	-24	-10	52	92
11*	26.4	5	11.8	5	12.9	DALLAS	AR	-55	10	-51	13	58
4	7.9	12*	25.7	9	16.3	DESHA	AR	227	-37	107	93	80
6	12.2	4	7.3	15*	25.8	DREW	AR	-40	253	112	93	97
9	10.6	18	15.0	25	15.2	FAULKNER	AR	42	2	44	82	75
7	11.4	8	11.5	16	19.3	FRANKLIN	AR	1	68	70	89	90
2	5.2	10	17.0	6	10.0	FULTON	AR	229	-41	93	92	31
31	11.5	73*	22.1	105*	23.7	GARLAND	AR	91	7	105	92	96
3	6.9	12	24.3	7	11.6	GRANT	AR	254	-52	70	89	46
20	16.1	30*	22.7	19	11.8	GREENE	AR	41	-48	-27	34	47
15	19.3	8	9.7	10	11.1	HEMPSTEAD	AR	-50	15	-42	20	42
12	14.1	15	14.9	14	12.1	HOT SPRING	AR	5	-19	-15	47	50
9	15.8	6	10.6	8	10.7	HOWARD	AR	-33	0	-33	28	37
17	14.9	24	19.8	17	11.8	INDEPENDENCE	AR	33	-40	-21	41	48
8	19.1	10	19.1	14	21.6	IZARD	AR	0	13	13	70	94
11	14.7	9	10.9	11	10.2	JACKSON	AR	-25	-7	-30	30	33
24	16.4	37	19.3	46*	18.5	JEFFERSON	AR	18	-4	13	70	88
20*	23.5	10	11.8	26*	26.1	JOHNSON	AR	-50	121	11	69	97
4	12.5	3	8.0	6	13.0	LAFAYETTE	AR	-36	64	4	63	59
12	14.1	21*	21.2	15	13.4	LAWRENCE	AR	50	-37	-5	56	62
11*	32.2	5	12.1	6	16.1	LEE	AR	-62	33	-50	14	80
3	9.1	3	8.4	7	17.7	LINCOLN	AR	-8	112	95	92	86
4	9.9	5	13.9	6	12.7	LITTLE RIVER	AR	39	-8	28	77	56
8	7.2	19	15.4	22	17.4	LOGAN	AR	115	13	143	95	85
10	10.7	25*	23.7	19	15.1	LONOKE	AR	122	-36	41	82	74
7	11.3	7	10.5	6	8.3	MADISON	AR	-7	-21	-27	34	19
9	20.6	9	18.6	21*	33.2	MARION	AR	-10	78	61	87	99
12	12.0	20	16.0	31*	21.9	MILLER	AR	33	37	82	90	95
27	14.3	31	17.5	38*	20.3	MISSISSIPPI	AR	22	16	42	82	93
10	23.3	6	12.5	7	13.6	MONROE	AR	-46	9	-42	21	63
6	19.0	8	17.9	2	3.8	MONTGOMERY	AR	-6	-79	-80	01	04
8	16.0	12	24.5	8	14.8	NEVADA	AR	53	-40	-8	54	72
2	5.8	2	6.0	5	12.5	NEWTON	AR	3	110	117	93	54
4	5.2	20	19.4	13	11.5	OUACHITA	AR	273	-41	121	93	45
5	16.9	10*	34.1	9	24.6	PERRY	AR	102	-28	45	83	97
16*	21.3	11	14.9	18*	22.7	PHILLIPS	AR	-30	52	6	65	95
2	4.3	6	11.1	8	13.6	PIKE	AR	159	22	216	97	63
22	18.4	25*	21.6	25*	20.0	POINSETT	AR	17	-7	9	67	92
6	6.5	10	11.3	14	11.8	POLK	AR	73	4	81	90	47
20	19.0	22	18.0	14	8.8	POPE	AR	-5	-51	-54	11	22
3	5.8	7	13.0	5	10.4	PRAIRIE	AR	123	-20	79	90	35
93	14.8	132	16.5	158*	16.4	PULASKI	AR	12	-1	11	68	81
13	17.9	17	22.2	8	7.8	RANDOLPH	AR	24	-65	-57	09	16
9	15.6	11	18.4	13	17.5	ST FRANCIS	AR	18	-5	12	69	85
17	13.8	17	12.2	29	16.2	SALINE	AR	-11	32	18	72	80
4	9.3	5	11.3	7	12.9	SCOTT	AR	21	14	38	81	57
5	10.2	8	15.6	12	20.1	SEARCY	AR	52	29	97	92	92
31	11.0	43	13.7	61	15.6	SEBASTIAN	AR	24	14	41	82	77
5	8.4	13	20.8	8	14.3	SEVIER	AR	147	-31	70	89	68
8	18.3	7	14.3	13	11.1	SHARP	AR	-22	-22	-39	23	42
9	23.4	7	15.0	7	10.9	STONE	AR	-36	-27	-53	12	40
17	10.7	25	14.1	25	12.7	UNION	AR	32	-10	19	73	56
5	10.7	11	23.0	11	12.1	VAN BUREN	AR	114	-47	13	70	51
36	14.1	31	10.2	37	9.8	WASHINGTON	AR	-27	-5	-31	30	29
23	13.6	37	19.1	41	17.8	WHITE	AR	40	-6	31	78	86
9	20.1	15*	32.1	7	14.4	WOODRUFF	AR	59	-55	-28	32	70
9	14.2	10	12.1	16	15.5	YELL	AR	-15	29	9	67	76
6174	12.0	8644	12.9	9926	12.2	CALIFORNIA	CA	7	-5	2		
396	12.8	474	13.5	506	13.9	ALAMEDA	CA	6	3	9	67	66
1*	53.0	1*	67.0	2*	129.9	ALPINE	CA	26	94	145	95	99
7	11.3	8	12.7	7	7.0	AMADOR	CA	13	-45	-38	23	13
61	14.6	87	16.5	100	13.9	BUTTE	CA	14	-16	-4	57	66
9	13.5	10	11.6	16	13.1	CALAVERAS	CA	-14	13	-3	58	59
9	13.1	10	13.9	12	17.9	COLUSA	CA	6	29	36	80	86
118	12.2	168	11.5	241	11.4	CONTRA COSTA	CA	-6	-1	-7	55	44
6	12.1	7	10.5	14	17.5	DEL NORTE	CA	-14	67	44	82	85
16	14.4	27	16.5	33	10.5	EL DORADO	CA	15	-37	-27	34	36
123	10.5	205	14.0	209	12.2	FRESNO	CA	33	-13	16	71	51
8	8.9	11	13.2	15	13.7	GLENN	CA	47	4	53	85	64
37	11.3	53	13.2	77*	17.5	HUMBOLDT	CA	17	33	56	86	85
33	15.1	24	8.5	41	14.1	IMPERIAL	CA	-44	66	-7	55	67
6	10.9	8	11.5	14	13.7	INYO	CA	5	19	26	76	64
72	9.3	114	10.5	170	12.5	KERN	CA	13	19	34	79	54
28	16.7	37	17.7	37	16.3	KINGS	CA	6	-8	-3	58	80
13	12.0	21	14.6	46*	19.6	LAKE	CA	22	34	63	87	91
7	11.8	5	6.2	10	12.4	LASSEN	CA	-47	101	6	65	53
2234	11.4	3053	12.6	2852	11.3	LOS ANGELES	CA	11	-11	-1	60	43
14	9.1	25	13.7	30	13.8	MADERA	CA	51	0	52	85	65
48	11.7	70	11.8	102	12.1	MARIN	CA	2	2	3	63	50
3	6.6	7	16.0	7	10.5	MARIPOSA	CA	143	-35	58	86	36
18	7.1	36	13.1	37	12.5	MENDOCINO	CA	84	-5	75	89	54
36	14.4	45	13.3	46	10.9	MERCED	CA	-8	-18	-24	37	40
1	2.2	5	11.3	5	9.8	MODOC	CA	408	-13	341	99	30
		1	5.0	2	11.1	MONO	CA		123			42

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
61	12.1	93	13.7	131	15.0	MONTEREY CA	13	9	24	75	73
39	10.0	53	11.5	58	10.6	NAPA CA	16	-8	6	65	37
20	14.9	27	16.3	26	10.6	NEVADA CA	9	-35	-29	32	36
173	11.6	378	12.0	580	10.6	ORANGE CA	3	-11	-8	53	37
31	11.6	61	17.8	75	15.9	PLACER CA	54	-10	38	81	79
8	14.7	8	14.6	10	14.2	PLUMAS CA	-1	-2	-3	58	68
128	11.6	277	14.9	350	11.8	RIVERSIDE CA	29	-21	2	62	48
162	11.3	301*	15.7	345	13.9	SACRAMENTO CA	39	-12	23	75	65
10	13.4	4	5.0	12	14.3	SAN BENITO CA	-62	183	6	65	68
173	10.5	318	13.2	361	11.6	SAN BERNARDINO CA	27	-13	11	68	46
269	10.0	320	7.6	760	12.4	SAN DIEGO CA	-24	64	24	75	53
578	15.1	554*	15.5	447*	14.9	SAN FRANCISCO CA	2	-4	-2	59	73
143	14.5	171	14.5	184	13.8	SAN JOAQUIN CA	0	-5	-5	56	64
45	14.1	66	13.3	72	10.6	SAN LUIS OBISPO CA	-6	-21	-25	36	36
131	11.0	228	12.2	278	12.7	SAN MATEO CA	11	4	15	71	55
41	7.9	84	10.4	126	11.4	SANTA BARBARA CA	32	10	44	83	44
217	13.2	352	13.7	493*	14.3	SANTA CLARA CA	3	5	8	66	69
73	14.0	115*	17.8	98	12.0	SANTA CRUZ CA	27	-33	-15	46	50
29	15.6	40	12.9	68	15.6	SHASTA CA	-18	21	0	61	77
1	5.4	2	19.6			SIERRA CA	261				
30	19.9	37*	21.4	24	12.3	SISKIYOU CA	8	-43	-38	23	52
55	17.0	60	13.2	74	12.0	SOLANO CA	-23	-9	-30	31	49
114	16.7	112	11.9	189	14.1	SONOMA CA	-29	18	-16	45	67
96	14.2	120	14.7	111	11.0	STANISLAUS CA	4	-25	-23	39	41
13	10.2	30	18.5	23	12.2	SUTTER CA	82	-34	20	73	51
20	17.3	19	13.4	19	10.3	TEHAMA CA	-22	-23	-40	22	34
2	6.6	5	10.0	6	13.3	TRINITY CA	50	34	101	92	61
80	13.4	103	13.3	106	12.0	TULARE CA	0	-10	-10	51	50
9	10.7	14	13.5	22	14.6	TUOLUMNE CA	26	8	36	80	71
70	13.6	117	13.4	174	12.2	VENTURA CA	-2	-8	-10	51	52
30	13.8	46	15.9	51	14.0	YOLO CA	15	-12	1	62	66
19	16.7	17	13.0	22	13.1	YUBA CA	-22	1	-22	40	59
609	9.5	931	12.1	1078	11.6	COLORADO CO	27	-4	22		
16	9.1	42	14.3	77	15.1	ADAMS CO	57	6	66	88	75
1	2.3	5	12.0	6	13.8	ALAMOSA CO	422	16	505	99	65
3	34.0	2	17.0	1	11.1	ARCHULETA CO	-50	-35	-67	04	42
3	9.1	5	13.4	6	18.1	BACA CO	48	35	99	92	87
1	2.4	5	12.0	5	15.2	BENT CO	398	26	527	99	75
24	9.6	39	11.2	46	9.4	BOULDER CO	16	-16	-2	60	27
3	7.0	5	10.8	3	5.5	CHAFFEE CO	53	-49	-21	40	08
1	7.0	3	25.8			CHEYENNE CO	271				
2	10.8	2	10.6	5	19.9	CLEAR CREEK CO	-2	88	84	91	92
3	10.1	6	16.6	10*	36.3	CONEJOS CO	65	118	260	98	99
1	4.5	2	11.5	2	11.5	COSTILLA CO	152	0	153	95	45
		1	3.8	2	8.4	CROWLEY CO		122			20
		1	7.4	1	10.7	CUSTER CO		43			37
7	6.9	6	5.9	5	3.3	DELTA CO	-15	-43	-52	12	03
215	10.2	310	12.3	352	12.9	DENVER-ARAPAHOE#CO	21	5	27	76	58
1	17.2	1	9.9	2	19.5	DOLORES CO	-42	96	13	70	91
3	15.3	3	11.9	7	13.9	DOUGLAS CO	-22	17	-9	52	66
		1	4.4	2	10.7	EAGLE CO		142			37
5	21.2	5	20.5	2	7.7	ELBERT CO	-4	-62	-64	06	16
51	12.0	37	6.7	80	10.3	EL PASO CO	-44	53	-15	46	34
7	5.9	21	15.2	16	9.2	FREMONT CO	157	-40	55	85	25
7	10.9	12	16.6	6	7.1	GARFIELD CO	53	-57	-35	26	13
1	15.3	2	29.1	1	9.8	GILPIN CO	89	-66	-36	25	30
		3	16.3	7*	27.9	GRAND CO		71			98
1	7.0	3	12.0	2	1.9	GUNNISON CO	71	-84	-73	02	02
1*	114.7			1*	188.7	HINSDALE CO			65	87	99
10	18.6	8	13.5	3	5.7	HUERFANO CO	-27	-58	-69	03	08
		1	14.9	2	17.9	JACKSON CO		21			86
28	8.7	55	10.4	110	12.6	JEFFERSON CO	19	21	44	83	55
1	2.4	5	13.0	2	4.6	KIT CARSON CO	442	-65	92	91	05
2	12.3	4	20.8	1	4.1	LAKE CO	69	-80	-66	05	04
9	12.4	10	12.2	10	10.5	LA PLATA CO	-2	-14	-16	45	36
19	7.6	40	12.4	43	9.7	LARIMER CO	63	-21	29	77	29
19	16.3	20	19.0	13	12.9	LAS ANIMAS CO	17	-32	-21	41	58
2	5.6	2	5.7	2	5.6	LINCOLN CO	2	-2	-1	60	08
7	7.5	11	12.7	14	14.6	LOGAN CO	70	15	95	92	71
9	3.9	22	8.3	32	9.6	MESA CO	113	16	146	95	28
		1	26.0			MINERAL CO					
4	14.4	2	6.9	5	13.6	MOFFAT CO	-52	98	-5	56	63
2	4.5	6	11.6	7	12.7	MONTEZUMA CO	156	10	181	96	56
9	11.6	16	18.2	9	9.0	MONTROSE CO	57	-51	-23	38	23
9	10.2	14	14.2	16	14.5	MORGAN CO	39	2	42	82	70
5	4.4	13	11.5	15	12.8	OTERO CO	163	11	191	97	56
		2	20.8	1	10.2	OURAY CO		-51			33
2	16.4			2	18.6	PARK CO			13	70	88
4	13.6	7	25.9	4	11.6	PHILLIPS CO	91	-55	-15	47	46
2	20.0	2	19.1	1	5.9	PITKIN CO	-5	-69	-70	03	09
5	7.5	8	11.9	6	9.9	PROWERS CO	59	-17	32	79	31
43	9.2	57	11.1	50	9.3	PUEBLO CO	20	-16	1	61	26
3	25.4	3	13.8	3	14.6	RIO BLANCO CO	-46	6	-42	20	71
6	12.4	10	19.3	6	11.1	RIO GRANDE CO	56	-43	-11	50	41
3	7.3	7	21.9	3	11.1	ROUTT CO	202	-49	54	85	42
2	7.9	1	4.4	3	19.5	SAGUACHE CO	-45	348	146	95	91
		1	112.4	1	14.4	SAN JUAN CO		-87			70
2	31.8	3	39.3	1	9.8	SAN MIGUEL CO	24	-75	-69	04	30
1	4.8	3	14.5	3	15.8	SEDGWICK CO	201	9	229	98	78
				4*	31.2	SUMMIT CO					98
5	35.4	2	13.2	3	14.5	TELLER CO	-63	9	-59	08	70
8	25.6	9	23.2	5	15.0	WASHINGTON CO	-9	-35	-41	21	73
25	8.2	57	16.7	46	11.7	WELD CO	105	-30	43	82	46
6	11.8	7	12.4	5	8.5	YUMA CO	6	-32	-28	33	21
1542*	15.8	1871*	16.2	1847*	13.9	CONNECTICUT CT	3	-14	-12		
395*	16.1	475*	16.1	488*	14.2	FAIRFIELD CT	0	-11	-12	49	68

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
397	15.3	505*	16.8	484	13.9	HARTFORD CT	10	-18	-9	52	65
71	13.9	91	14.2	77	10.4	LITCHFIELD CT	2	-27	-25	36	35
59	15.5	63	13.7	65	11.9	MIDDLESEX CT	-12	-13	-23	38	49
421*	15.8	517*	17.0	513*	14.9	NEW HAVEN CT	7	-12	-5	56	73
119	17.3	143*	17.6	134	14.6	NEW LONDON CT	2	-17	-16	45	71
33	15.2	26	9.2	42	12.9	TOLLAND CT	-39	40	-15	46	58
47	15.5	51	15.0	44	10.9	WINDHAM CT	-3	-27	-29	32	40
208	15.6	253*	15.6	293*	14.9	DELAWARE DE	0	-4	-4		
31	16.6	30	13.7	32	11.8	KENT DE	-17	-14	-29	32	48
131	15.0	177*	16.4	197	15.1	NEW CASTLE DE	9	-8	0	61	74
46	17.2	46	15.1	64	16.3	SUSSEX DE	-13	8	-5	56	81
315	16.1	252	15.1	177*	15.6	DIST. OF COLUMBIA DC	-7	3	-3		
315	16.1	252	15.1	177*	15.6	WASHINGTON DC	-7	3	-3	58	77
2385*	15.6	3791	13.4	5212	11.2	FLORIDA FL	-14	-16	-28		
21	14.3	26	11.5	39	13.1	ALACHUA FL	-19	13	-9	53	60
1	4.6	4	11.8	4	10.7	BAKER FL	155	-9	132	94	38
15	10.5	35	18.7	40	13.3	BAY FL	78	-29	27	77	61
6	19.6	8	17.4	12	15.9	BRADFORD FL	-11	-9	-19	42	79
30	12.7	60	12.8	98	9.4	BREVARD FL	1	-27	-27	34	26
94	11.7	367	13.1	575	10.1	BROWARD FL	12	-23	-14	47	32
8*	30.3	4	12.4	5	12.5	CALHOUN FL	-59	0	-59	08	54
9	12.1	20	8.5	44	7.7	CHARLOTTE FL	-30	-9	-36	25	16
8	20.4	13	11.6	52	14.4	CITRUS FL	-43	24	-29	31	69
7	8.8	11	10.6	14	8.8	CLAY FL	20	-17	1	61	22
5	12.1	16	8.7	40	10.3	COLLIER FL	-28	18	-15	46	35
11	21.0	11	15.2	7	6.5	COLUMBIA FL	-27	-57	-69	03	11
469	16.5	701	13.4	813	10.8	DADE FL	-19	-19	-34	27	39
11	22.8	8	11.8	9	10.2	DE SOTO FL	-48	-13	-55	10	34
8*	50.5	4	22.2	5	13.9	DIXIE FL	-56	-38	-73	02	65
182*	20.2	184	14.2	220	13.9	DUVAL FL	-30	-2	-31	30	66
47	16.1	68	14.6	64	10.1	ESCAMBIA FL	-9	-31	-37	24	32
3	23.1	5	28.5	8	11.3	FLAGLER FL	23	-60	-51	13	43
3	14.0	9*	29.7	8	23.9	FRANKLIN FL	113	-20	71	89	96
11	13.1	4	4.0	6	6.0	GADSDEN FL	-69	49	-54	11	10
2	20.8			4	18.6	GILCHRIST FL			-10	51	88
1	24.4	2	18.4	1	2.3	GLADES FL	-25	-87	-90	00	02
5	29.2	4	15.6	9	28.2	GULF FL	-47	61	-3	58	98
5	20.5			6	20.3	HAMILTON FL			-1	60	92
10	17.7	19*	31.6	13	19.3	HARDEE FL	78	-39	9	67	90
4	14.3	4	14.6	5	9.2	HENDRY FL	2	-37	-36	25	25
3	6.2	14	14.1	36	14.6	HERNANDO FL	128	3	136	94	71
12	13.9	26	15.6	36	12.4	HIGHLANDS FL	12	-20	-11	50	53
248*	20.1	277	15.3	335	14.4	HILLSBOROUGH FL	-24	-6	-28	33	69
4	8.8	17*	28.3	11	16.1	HOLMES FL	222	-43	84	91	80
6	5.8	29	16.4	35	10.7	INDIAN RIVER FL	181	-35	83	91	37
13	14.3	14	12.1	24	17.0	JACKSON FL	-15	41	19	73	83
6*	32.6	3	14.9	3	11.6	JEFFERSON FL	-54	-22	-64	05	46
2	13.9	2	13.9	3	16.9	LAFAYETTE FL	0	22	21	74	83
39	16.1	53	14.0	82	12.7	LAKE FL	-13	-9	-21	41	56
22	13.1	65	12.7	117	10.5	LEE FL	-3	-18	-20	41	36
16	16.6	23	14.3	34	12.2	LEON FL	-14	-15	-27	34	51
5	12.1	3	5.5	16	18.6	LEVY FL	-54	236	54	85	88
2	13.4	2	17.6	3	15.9	LIBERTY FL	31	-9	19	73	79
5	16.1	5	12.2	9	20.1	MADISON FL	-24	65	25	76	92
42	13.3	92	13.4	106	10.3	MANATEE FL	0	-23	-23	38	34
29	21.5	36	13.4	52	10.6	MARION FL	-38	-21	-51	13	37
7	15.5	25	15.5	38	9.7	MARTIN FL	0	-37	-37	24	29
23*	22.6	38*	23.7	38	12.8	MONROE FL	5	-46	-43	19	57
2	4.7	8	17.2	12	18.2	NASSAU FL	266	6	287	98	87
13	11.5	17	11.5	27	11.3	OKALOOSA FL	0	-2	-2	59	43
4	24.8	4	13.6	12	17.1	OKEECHOBEE FL	-45	26	-31	30	83
119	16.3	139	12.1	203	12.8	ORANGE FL	-26	6	-21	40	57
14	11.9	19	10.6	16	5.9	OSCEOLA FL	-11	-45	-51	13	09
105	14.2	201	13.3	342	11.0	PALM BEACH FL	-7	-17	-23	38	41
23	13.1	76	16.0	144	9.9	PASCO FL	23	-38	-24	37	31
265	11.9	536	13.4	646	11.4	PINELLAS FL	13	-15	-5	57	44
109*	19.0	103	11.3	150	11.0	POLK FL	-41	-2	-42	20	41
23*	25.3	14	12.0	27	13.7	PUTNAM FL	-53	14	-46	17	64
23*	23.7	11	8.3	21	9.9	ST JOHNS FL	-65	20	-58	08	31
11	10.6	28	13.7	39	9.5	ST LUCIE FL	29	-31	-10	51	28
8	12.6	7	6.6	19	13.3	SANTA ROSA FL	-48	102	6	65	61
44	12.8	92	11.0	163	10.7	SARASOTA FL	-14	-2	-16	44	38
11	8.6	27	12.4	49	9.4	SEMINOLE FL	45	-24	10	68	27
10	27.0	11	18.4	11	9.8	SUMTER FL	-32	-47	-64	06	30
17*	39.5	9	15.7	10	14.1	SUWANNEE FL	-60	-10	-64	05	67
8	28.1	7	16.9	16*	29.3	TAYLOR FL	-40	74	4	64	98
4	17.6	1	2.4	1	3.2	UNION FL	-86	30	-82	01	03
82	14.1	154	15.2	199	12.2	VOLUSIA FL	8	-20	-13	48	52
4	23.6	2	8.7	4	10.8	WAKULLA FL	-63	24	-54	11	38
12	21.2	13	17.2	12	12.0	WALTON FL	-19	-30	-43	19	50
14*	29.0	1	1.8	10	16.9	WASHINGTON FL	-94	845	-42	20	83
1157	13.3	1618*	14.4	2105*	14.6	GEORGIA GA	8	2	11		
1	1.9	11*	33.1	8	17.6	APPLING GA	1610	-47	807	99	85
1	8.6	3	13.9	8*	37.8	ATKINSON GA	61	172	338	99	99
3	10.1	4	15.5	5	14.3	BACON GA	54	-8	42	82	68
		2	23.5			BAKER GA					
9	9.1	5	4.9	12	10.4	BALDWIN GA	-46	114	15	71	36
3	11.5	4	11.9	5	12.9	BANKS GA	4	8	13	70	58
6	11.4	7	10.9	12	16.6	BARROW GA	-4	53	46	83	82
13	17.0	11	9.7	28*	21.3	BARTOW GA	-43	120	25	76	94
7	17.9	6	14.7	5	9.9	BEN HILL GA	-18	-33	-45	18	31
6	15.8	8	18.4	4	9.1	BERRIEN GA	17	-51	-42	20	24

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
										%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
38	14.4	65*	19.7	69*	18.7	BIBB GA	37	-5	30	78	89
3	15.0	3	14.2	4	11.0	BLECKLEY GA	-6	-22	-27	34	41
1	4.9	3	11.3	3	9.8	BRANTLEY GA	133	-14	101	92	30
5	12.8	5	11.2	5	9.8	BROOKS GA	-13	-12	-23	38	30
4	30.2	4	24.4	5	19.6	BRYAN GA	-19	-20	-35	26	91
5	8.0	12	16.0	15	15.7	BULLOCH GA	100	-1	97	92	78
2	6.9	5	14.3	7	19.1	BURKE GA	108	33	177	96	90
6	25.4	4	12.2	5	13.0	BUTTS GA	-52	6	-49	14	59
1	7.5	1	14.9	3	20.2	CALHOUN GA	99	36	171	96	92
3	27.7	5	22.1	8*	29.3	CAMDEN GA	-20	33	6	65	98
4	25.1	1	4.0	6	20.5	CANDLER GA	-84	408	-18	43	93
12	9.9	17	11.1	24	13.6	CARROLL GA	12	22	37	80	63
8	17.6	10	15.7	23*	18.4	CATOOSA GA	-11	17	5	64	88
3	23.7	5*	31.8	3	16.7	CHARLTON GA	34	-48	-30	31	82
46	14.9	58	13.7	80*	15.8	CHATHAM GA	-8	15	6	65	78
9	13.3	16	19.3	11	12.3	CHATTOOGA GA	45	-36	-7	55	53
13	17.7	14	12.9	18	13.6	CHEROKEE GA	-27	5	-23	37	63
15	17.6	17	17.1	16	10.2	CLARKE GA	-3	-40	-42	20	34
3	60.0	3	29.1	1	8.7	CLAY GA	-51	-70	-86	00	21
6	7.6	17	13.0	34	15.0	CLAYTON GA	72	15	97	92	73
1	4.9	3	13.9	3	12.7	CLINCH GA	184	-9	159	96	56
29	14.0	54	16.6	83	13.4	COBB GA	18	-20	-5	57	61
4	5.8	10	15.9	11	15.7	COFFEE GA	172	-1	170	96	78
10	10.7	9	9.0	25*	19.6	COLQUITT GA	-15	117	84	91	91
2	14.2	1	2.7	9	11.6	COLUMBIA GA	-81	326	-19	43	45
7	20.4	2	4.5	4	8.6	COOK GA	-78	94	-58	09	21
8	10.7	13	15.7	19	17.7	COWETA GA	47	13	66	88	85
1	6.9	2	15.5	5*	33.9	CRAWFORD GA	125	119	393	99	99
6	17.9	7	14.8	4	9.0	CRISP GA	-17	-39	-50	14	24
3	11.9	2	6.1	11*	25.3	DADE GA	-49	316	112	93	97
1	6.7	3	17.2	5	25.6	DAWSON GA	156	49	280	98	97
10	18.6	13	22.0	11	15.6	DECATUR GA	18	-29	-16	45	77
59	14.1	102	14.0	134	11.8	DE KALB GA	-1	-15	-16	45	48
3	5.5	9	16.6	9	14.0	DODGE GA	200	-16	153	95	67
5	15.0	4	13.9	4	13.0	DOOLY GA	-8	-6	-14	48	59
8	11.1	15	12.7	21	13.8	DOUGHERTY GA	14	9	24	76	65
4	10.7	10	12.7	17	13.9	DOUGLAS GA	19	9	30	78	65
4	12.5	2	5.3	5	13.0	EARLY GA	-58	144	4	63	59
				1	9.3	ECHOLS GA					26
5	18.8	4	14.4	5	8.3	EFFINGHAM GA	-23	-43	-56	10	19
3	8.3	9	14.4	10	13.9	ELBERT GA	72	-3	67	88	66
7	15.9	5	7.9	17*	22.8	EMANUEL GA	-50	189	43	82	95
5	29.7	5	23.5	4	14.2	EVANS GA	-21	-40	-52	12	68
6	11.1	5	8.6	11	14.4	FANNIN GA	-23	68	30	78	70
1	4.1	5	15.6	5	9.8	FAYETTE GA	277	-37	136	94	30
24	13.2	37	13.6	32	12.2	FLOYD GA	3	-10	-8	54	52
6	16.3	4	6.8	9	9.3	FORSYTH GA	-58	36	-43	19	26
2	3.7	6	11.6	5	8.5	FRANKLIN GA	209	-27	127	94	21
195	15.8	264*	18.6	218*	15.0	FULTON GA	18	-19	-5	56	73
1	1.9	7	16.4	3	5.7	GILMER GA	751	-65	195	97	08
3	35.7	3	33.8	2	29.6	GLASCOCK GA	-5	-13	-17	44	98
13	18.6	16	15.8	19	12.4	GLYNN GA	-15	-22	-33	27	53
8	10.8	8	10.4	13	10.8	GORDON GA	-4	4	0	61	39
7	12.2	7	12.9	12	18.8	GRADY GA	6	45	54	85	89
2	6.3	2	6.1	10*	27.3	GREENE GA	-4	351	331	99	98
18	16.9	21	12.5	45	14.2	GWINNETT GA	-26	14	-16	45	68
10	19.9	7	9.0	16	16.8	HABERSHAM GA	-55	86	-16	45	82
11	6.6	18	10.1	28	10.9	HALL GA	52	9	65	88	40
4	25.7	2	12.1			HANCOCK GA	-53				
7	14.6	8	13.1	9	13.0	HARALSON GA	-10	-1	-11	50	59
5	19.1	4	11.8	5	13.1	HARRIS GA	-38	11	-31	29	60
4	8.9	9	18.2	4	5.7	HART GA	106	-69	-35	26	09
3	12.8	4	18.8	5	17.0	HEARD GA	47	-9	33	79	83
8	20.2	10	16.0	11	11.3	HENRY GA	-21	-29	-44	18	43
5	10.6	5	3.3	27	14.4	HOUSTON GA	-69	331	36	80	69
1	3.7	1	4.7	5	14.9	IRWIN GA	27	217	302	98	73
4	6.7	13	16.4	11	12.3	JACKSON GA	143	-25	83	91	52
1	5.6	2	9.9	3	14.5	JASPER GA	76	46	158	95	70
1	4.7	3	9.0	3	11.1	JEFF DAVIS GA	91	23	135	94	42
5	19.6	11*	30.1	10	22.4	JEFFERSON GA	54	-26	14	71	95
5	25.0	4	16.5	5	19.9	JENKINS GA	-34	21	-20	41	92
2	10.0	6	25.0	5	17.4	JOHNSON GA	149	-31	73	89	84
		1	7.0	8	22.8	JONES GA		225			95
4	14.5	6	21.1	2	5.5	LAMAR GA	46	-74	-62	06	08
		2	12.6	7*	36.9	LANIER GA		193			99
9	13.5	15	14.4	25*	18.8	LAURENS GA	7	31	39	81	89
1	14.9			4	22.2	LEE GA			49	84	95
		3	15.6	4	10.2	LIBERTY GA		-35			33
		2	11.1	5	22.7	LINCOLN GA		104			95
1	6.7	2	15.8	1	7.5	LONG GA	136	-52	12	69	15
11	17.8	16	13.0	17	11.6	LOWNDES GA	-27	-11	-35	26	45
3	13.0	4	13.3	6	14.3	LUMPKIN GA	2	8	10	68	69
1	3.4	3	12.1	5	13.6	MC DUFFIE GA	260	12	304	99	63
2	19.0	3	18.9	6*	31.9	MC INTOSH GA	-1	69	68	88	99
1	4.2	6	23.2	3	10.4	MACON GA	448	-55	145	95	35
2	4.2	5	9.9	8	11.9	MADISON GA	136	20	185	97	49
3	22.2	1	10.6	2	11.9	MARION GA	-52	12	-47	16	48
3	9.6	10	21.0	3	5.0	MERIWETHER GA	120	-76	-47	15	06
2	9.2	3	12.4	5	21.8	MILLER GA	35	77	138	94	94
8	16.4	9	21.6	11	23.8	MITCHELL GA	32	10	45	83	96
3	14.2	4	14.3	5	12.5	MONROE GA	1	-13	-12	49	54
4	19.0			5	21.9	MONTGOMERY GA			15	71	95
3	20.0	4	14.0	4	12.1	MORGAN GA	-30	-13	-40	22	51
8	25.1	5	10.3	22*	34.7	MURRAY GA	-59	238	38	81	99
29	11.8	42	12.2	73*	17.2	MUSCOGEE#GA	3	41	46	83	84
5	9.6	9	12.4	14	14.5	NEWTON GA	30	17	52	85	70
2	10.3	2	6.8	4	11.3	OCONEE GA	-34	66	10	68	43
4	15.3	8*	27.8	8*	25.3	OGLETHORPE GA	82	-9	66	88	97
6	12.5	11	20.0	14	17.3	PAULDING GA	60	-14	38	81	84
1	4.6	2	7.1	3	7.4	PEACH GA	54	4	60	87	14

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
11*	36.5	7	19.0	3	6.1	PICKENS GA	-48	-68	-83	00	10
6	29.3	6	21.2			PIERCE GA	-28				
4	20.6	6	25.2			PIKE GA	22				
18	21.4	18	17.5	15	12.0	POLK GA	-18	-31	-44	19	50
3	15.1	2	15.9	5	18.6	PULASKI GA	5	17	23	75	88
2	14.8	1	4.9	1	3.4	PUTNAM GA	-67	-31	-77	01	03
				2	32.1	QUITMAN GA					99
5	16.4	8	20.7	9	16.0	RABUN GA	26	-23	-2	59	79
4	18.7	3	13.0	7*	31.2	RANDOLPH GA	-31	141	67	88	98
28	11.9	44	15.3	65*	18.5	RICHMOND GA	29	20	55	86	88
4	16.0	4	9.1	10	15.6	ROCKDALE GA	-43	71	-2	59	77
				1	13.2	SCHLEY GA					61
2	5.7	2	6.1	4	9.3	SCREVEN GA	7	51	62	87	26
2	11.3	1	5.3	3	12.8	SEMINOLE GA	-53	144	14	70	57
10	13.3	19	16.8	23	17.1	SPALDING GA	27	2	29	77	83
5	8.7	7	10.8	14	15.6	STEPHENS GA	24	44	79	90	77
		3	26.6	2	15.6	STEWART GA		-41			77
5	10.4	10	16.6	12	19.0	SUMTER GA	61	14	84	91	89
1	7.3			2	13.0	TALBOT GA			79	90	59
		1	10.1			TALIAFERRO GA					
2	4.5	11	17.4	11	19.4	TATTNALL GA	287	11	331	99	90
1	4.1	1	3.9	2	8.0	TAYLOR GA	-4	104	97	92	18
6	15.5	7	18.1	6	13.2	TELFAIR GA	16	-27	-15	46	61
4	19.0	2	8.8	3	9.9	TERRELL GA	-54	12	-48	15	31
17	18.3	12	12.4	20	18.2	THOMAS GA	-32	47	0	61	87
6	9.9	13	18.2	8	10.5	TIFT GA	85	-42	7	66	36
4	17.2	10	21.0	19*	27.1	TOOMBS GA	22	29	58	86	98
1	6.2	1	4.0	7	22.9	TOWNS GA	-36	470	267	98	95
4	24.6	1	4.4	6*	21.7	TREUTLEN GA	-82	395	-12	49	94
11	11.3	18	13.6	28	18.0	TROUP GA	21	32	59	87	86
3	13.8	2	8.2	3	9.3	TUPNER GA	-41	14	-32	29	26
		3	19.7	3	15.8	TWIGGS GA		-20			78
3	9.6	4	11.1	5	10.2	UNION GA	15	-8	6	65	33
8	13.7	3	3.5	20*	21.1	UPSON GA	-75	511	54	85	93
12	9.3	24	13.8	35	15.3	WALKER GA	49	11	66	88	76
6	9.9	11	15.3	23*	24.1	WALTON GA	55	57	144	95	96
8	10.8	16	14.2	13	10.3	WARE GA	32	-28	-5	57	34
5	39.5	1	5.1	3	16.9	WARREN GA	-87	230	-57	09	83
2	4.4	2	4.7	6	13.8	WASHINGTON GA	5	195	211	97	65
5	14.1	8	14.9	6	7.6	WAYNE GA	6	-49	-46	16	16
1	14.9	1	16.4	1	12.8	WEBSTER GA	10	-21	-14	48	57
1	4.8	2	16.3	2	9.4	WHEELER GA	243	-42	97	92	27
4	17.1	5	17.1	9	20.0	WHITE GA	1	17	17	72	92
12	14.1	22	13.5	27	13.7	WHITFIELD GA	-5	1	-3	58	64
4	14.8			1	2.6	WILCOX GA			-83	00	03
8*	29.6	3	21.3	2	5.8	WILKES GA	-28	-73	-81	01	09
2	11.2	6	26.7	4	16.4	WILKINSON GA	138	-38	47	83	81
8	27.3	7	17.9	5	9.6	WORTH GA	-35	-46	-65	05	29
		58	10.8	115	12.8	HAWAII HI		19			
		7	13.4	16	18.8	HAWAII HI		41			89
		39	8.4	85	12.1	HONOLULU HI		44			50
		6	30.1	6	14.0	KAUAI HI		-54			66
		6	17.1	8	12.1	MAUI#HI		-29			51
328	12.3	367	11.9	436	11.9	IDAHO ID	-3	0	-3		
52	14.9	59	13.6	75	12.8	ADA ID	-9	-6	-14	47	57
1	6.1	2	12.7	3	15.1	ADAMS ID	107	19	146	95	74
22	16.0	22	11.8	38	19.4	BANNOCK ID	-26	64	21	74	90
		5	14.0	2	5.6	BEAR LAKE ID		-60			08
6	16.6	4	9.7	5	12.8	BENEWAH ID	-42	32	-23	38	57
8	8.6	13	13.3	11	9.2	BINGHAM ID	54	-31	6	65	25
2	9.6	5	24.1	5	27.1	BLAINE ID	150	13	182	96	98
		1	13.4	2	12.9	BOISE ID		-4			58
9	10.2	12	12.1	8	7.2	BONNER ID	19	-40	-29	32	14
11	10.8	11	6.3	20	9.7	BONNEVILLE ID	-42	55	-10	52	29
		4	12.6	7	21.2	BOUNDARY ID		68			94
3	31.5	1	6.6	1	14.1	BUTTE ID	-79	112	-55	10	67
		2*	78.5	1	18.6	CAMAS ID		-76			88
33	12.8	24	7.8	40	10.8	CANYON ID	-39	38	-15	46	38
2	11.4	2	11.6	1	4.5	CARIBOU ID	2	-61	-60	07	05
4	6.3	2	3.1	10	13.2	CASSIA ID	-51	331	109	93	61
2*	64.2			1	16.3	CLARK ID			-75	02	80
5	10.6	5	9.8	3	5.6	CLEAPWATER ID	-7	-43	-47	16	08
2	14.7	3	17.5	2	9.6	CUSTER ID	19	-45	-35	26	28
7	18.3	9	22.6	8	16.0	ELMORE ID	24	-29	-13	48	79
3	8.6	2	4.8	3	6.8	FRANKLIN ID	-44	41	-21	41	12
3	8.6	7	19.1	4	8.7	FREMONT ID	123	-54	2	62	22
8	15.6	7	15.0	7	10.4	GEM ID	-4	-31	-33	28	35
3	6.1	8	14.7	6	9.4	GOODING ID	141	-36	54	85	27
9	15.7	9	13.7	10	13.8	IDAHO ID	-13	1	-12	49	64
3	7.7	5	12.6	5	9.4	JEFFERSON ID	64	-25	22	74	27
3	7.7	2	3.9	9	14.3	JEROME ID	-49	263	86	91	68
21	13.7	26	14.8	28	12.0	KOOTENAI ID	8	-19	-13	48	49
10	10.5	14	14.0	8	7.9	LATAH ID	33	-44	-25	36	17
4	11.7	3	9.2	4	10.2	LEMHI ID	-21	11	-12	49	33
3	13.2	1	4.6	3	14.6	LEWIS ID	-65	216	11	68	71
1	4.9	1	6.2	1	4.5	LINCOLN ID	26	-27	-8	54	05
2	5.1	4	12.6	2	5.4	MADISON ID	146	-57	6	65	07
11	25.4	12	22.7	11	15.6	MINIDOKA ID	-11	-31	-39	23	77
8	6.2	25	18.2	29	18.5	NEZ PERCE ID	196	2	202	97	88
2	11.0	1	4.8	5	27.2	ONEIDA ID	-57	471	147	95	98
4	14.2	4	12.4	4	10.7	OWYHEE ID	-12	-14	-24	37	37
9	14.4	8	10.1	11	12.2	PAYETTE ID	-30	21	-15	46	51
3	17.2	3	15.9	3	12.5	POWER ID	-8	-21	-27	34	54
19*	28.2	11	15.3	9	11.4	SHOSHONE ID	-46	-25	-59	08	44
2	27.2	2	30.0			TETON ID	10				
21	11.2	18	9.0	20	8.0	TWIN FALLS ID	-20	-11	-28	33	18

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	4.4			1	5.6	VALLEY	ID			25	76	08
6	12.4	8	16.0	10	19.3	WASHINGTON	ID	28	21	55	86	90
5114	12.9	5063	11.6	5429	12.1	ILLINOIS	IL	-10	4	-6		
50	13.5	45	11.3	55	13.8	ADAMS	IL	-16	22	2	62	65
19*	28.0	6	8.8	12	19.6	ALEXANDER	IL	-69	122	-30	31	91
13	15.2	9	10.8	8	8.0	BOND	IL	-29	-25	-47	15	18
14	15.0	11	10.9	9	7.6	BOONE	IL	-27	-30	-49	14	16
12*	24.8	4	8.7	6	14.8	BROWN	IL	-65	70	-40	21	72
23	11.1	22	10.2	15	6.6	BUREAU	IL	-8	-36	-41	21	11
5	13.1	9	19.6	1	2.1	CALHOUN	IL	50	-89	-84	00	02
14	13.1	8	7.0	6	5.0	CARROLL	IL	-46	-29	-62	07	06
11	12.6	7	7.3	9	10.8	CASS	IL	-42	49	-14	47	38
40	11.3	33	8.9	59	13.9	CHAMPAIGN	IL	-21	56	23	75	65
22	10.2	17	8.1	35	17.0	CHRISTIAN	IL	-21	110	66	88	83
13	13.5	6	6.1	12	12.3	CLARK	IL	-55	101	-9	52	52
12	12.2	9	9.1	8	8.0	CLAY	IL	-26	-12	-35	26	18
27*	22.7	17	13.3	9	6.0	CLINTON	IL	-41	-55	-73	02	10
20	9.5	25	11.8	37	16.7	COLES	IL	25	41	76	90	82
2323	12.3	2411	12.1	2377	12.4	COOK	IL	-2	3	1	61	53
26	21.6	14	10.7	22	17.2	CRAWFORD	IL	-51	61	-20	41	84
13	21.5	5	8.0	4	6.4	CUMBERLAND	IL	-63	-20	-70	03	11
23	11.2	22	9.5	18	7.2	DE KALB	IL	-16	-24	-36	25	13
14	15.5	11	10.9	15	15.7	DE WITT	IL	-30	44	1	62	78
18	19.2	12	13.0	13	13.6	DOUGLAS	IL	-32	5	-29	32	63
89	12.1	113	9.5	227	12.6	DU PAGE	IL	-22	33	3	63	55
25	18.4	19	14.6	15	11.5	EDGAR	IL	-20	-22	-38	24	45
7	12.9	6	12.8	7	12.2	EDWARDS	IL	-1	-5	-6	56	51
21	18.7	12	9.5	23	15.9	EFFINGHAM	IL	-49	68	-15	46	79
26	19.8	12	8.9	23	16.4	FAYETTE	IL	-55	84	-17	44	81
8	9.4	12	13.4	15	17.2	FORD	IL	42	28	82	90	84
41	14.3	41	13.8	35	13.2	FRANKLIN	IL	-4	-4	-8	54	60
32	13.2	35	13.6	33	13.4	FULTON	IL	3	-1	2	62	62
7	14.4	7	15.1	13*	25.5	GALLATIN	IL	5	69	77	90	97
20	15.8	21	18.2	20	17.2	GREENE	IL	15	-5	9	67	84
17	16.2	16	14.1	19	14.9	GRUNDY	IL	-13	5	-8	54	73
12	17.5	5	7.9	8	12.4	HAMILTON	IL	-55	57	-29	31	53
23	14.6	17	12.4	11	7.9	HANCOCK	IL	-15	-36	-46	17	17
9*	30.4	5	15.1	2	5.1	HARDIN	IL	-50	-66	-83	00	07
6	13.3	8	17.5	3	5.9	HENDERSON	IL	32	-66	-56	10	09
29	11.0	21	7.7	28	9.8	HENRY	IL	-30	27	-11	50	30
28	15.6	26	14.4	20	10.7	IROQUOIS	IL	-7	-26	-31	30	38
30	16.4	27	14.5	28	13.8	JACKSON	IL	-12	-5	-16	45	64
15	21.0	8	11.0	6	9.1	JASPER	IL	-48	-17	-57	09	25
27	15.4	12	6.6	24	12.4	JEFFERSON	IL	-57	88	-20	42	53
19*	22.9	11	12.1	11	12.4	JERSEY	IL	-47	3	-46	16	53
18	15.0	12	9.8	16	12.9	JO DAVIESS	IL	-35	32	-14	48	58
8	18.2	6	12.7	5	9.1	JOHNSON	IL	-30	-28	-50	14	25
80	10.5	91	10.0	116	12.2	KANE	IL	-5	22	16	72	51
37	8.6	35	8.3	46	11.0	KANKAKEE	IL	-3	33	29	77	41
8	11.6	5	5.6	9	8.6	KENDALL	IL	-52	52	-26	35	21
37	12.6	33	10.2	30	9.3	KNOX	IL	-19	-9	-26	35	26
74	9.5	98	9.3	191	14.4	LAKE	IL	-2	55	52	85	69
57	10.7	61	10.9	63	10.4	LA SALLE	IL	2	-4	-3	58	36
18	15.6	18	17.0	15	13.0	LAWRENCE	IL	9	-23	-16	45	59
16	9.7	19	10.3	19	10.6	LEE	IL	6	2	9	67	36
22	11.6	24	11.5	29	13.5	LIVINGSTON	IL	-1	17	16	71	62
26	16.6	23	13.8	19	11.4	LOGAN	IL	-17	-17	-31	30	44
20	12.9	19	12.6	10	6.4	MC DONOUGH	IL	-2	-49	-50	13	11
43	14.6	45	10.2	63	11.9	MC HENRY	IL	-30	17	-18	43	49
39	10.0	39	9.5	51	12.1	MC LEAN	IL	-5	27	21	74	50
68	14.8	73	14.1	55	10.1	MACON	IL	-5	-28	-32	29	32
47	16.1	44	14.6	31	10.6	MACOUPIN	IL	-9	-27	-34	27	37
129	15.7	134	13.7	157	14.4	MADISON	IL	-13	5	-8	53	69
28	13.4	27	12.5	35	14.8	MARION	IL	-7	18	10	68	72
8	10.2	6	7.8	8	9.4	MARSHALL	IL	-23	20	-8	54	27
10	12.4	10	10.2	11	10.5	MASON	IL	-17	2	-15	46	36
10	15.5	8	10.5	7	8.2	MASSAC	IL	-32	-22	-47	16	19
3	5.9	8	13.9	3	4.7	MENARD	IL	138	-66	-19	42	06
9	9.2	12	12.1	15	15.2	MERCER	IL	31	25	65	88	75
3	4.8	4	4.5	9	8.7	MONROE	IL	-7	95	82	90	22
26	12.3	19	9.8	19	10.3	MONTGOMERY	IL	-20	5	-16	45	35
14	6.5	15	7.5	23	12.4	MORGAN	IL	15	65	90	91	54
5	6.7	9	11.6	8	9.9	MOULTRIE	IL	73	-14	48	84	31
13	7.3	21	11.1	22	10.2	OGLE	IL	52	-8	40	81	33
92	11.2	120	14.1	122	14.3	PEORIA	IL	27	1	28	77	68
15	12.7	17	14.3	10	7.6	PERRY	IL	12	-47	-40	22	16
12	15.2	7	8.9	9	10.9	PIATT	IL	-41	22	-28	33	40
15	11.1	23	16.5	10	7.8	PIKE	IL	49	-53	-30	31	16
3	9.8	3	10.6	4	12.7	POPE	IL	8	19	29	78	56
3	7.1	2	4.1	4	9.2	PULASKI	IL	-42	122	30	78	25
2	5.6	1	3.0	2	5.9	PUTNAM	IL	-47	100	6	65	09
28	16.8	19	10.9	12	6.6	RANDOLPH	IL	-35	-39	-60	07	12
18	21.3	8	8.4	7	7.5	RICHLAND	IL	-60	-11	-65	05	15
68	10.6	84	11.7	116*	15.6	ROCK ISLAND	IL	11	33	47	84	77
144*	17.1	121	12.9	107	11.1	ST CLAIR	IL	-25	-14	-35	26	42
34	19.1	20	11.5	29	17.0	SALINE	IL	-40	48	-11	50	83
102	16.2	92	13.1	90	11.9	SANGAMON	IL	-19	-9	-27	34	48
6	10.8	2	3.5	4	7.1	SCHUYLER	IL	-68	104	-35	26	13
6	16.6	6	15.0	4	10.5	SCOTT	IL	-10	-30	-37	24	36
20	12.8	14	9.0	20	14.2	SHELBY	IL	-30	59	11	69	68
4	7.9	3	6.2			STARK	IL	-22				
32	14.2	22	9.6	31	13.0	STEPHENSON	IL	-33	35	-9	53	59
51	15.8	33	8.3	68	12.9	TAZEWELL	IL	-48	56	-18	43	58
13	9.9	14	12.7	15	14.3	UNION	IL	28	12	43	82	68
74	15.4	71	14.9	45	9.5	VERMILION	IL	-5	-37	-38	23	27
5	6.4	6	8.1	7	9.3	WABASH	IL	27	14	44	82	26
17	14.6	13	11.5	6	5.2	WARREN	IL	-21	-55	-64	05	07
15	15.1	14	13.6	18	17.1	WASHINGTON	IL	-10	26	13	70	84

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
											%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
15	15.7	8	6.9	6	5.1	WAYNE	IL	-56	-26	-67	04	07
20	17.5	12	10.0	16	14.7	WHITE	IL	-43	46	-16	45	71
25	10.2	37	13.5	27	9.0	WHITESIDE	IL	32	-34	-12	49	24
78	11.9	98	13.3	118	12.9	WILL	IL	11	-3	8	66	58
29	10.4	31	11.2	40	13.8	WILLIAMSON	IL	8	24	33	79	65
67	9.3	98	11.0	82	8.4	WINNEBAGO	IL	18	-24	-10	52	20
22	19.7	9	6.9	14	9.8	WOODFORD	IL	-65	42	-50	14	30
2652	14.7	2745	13.7	2936*	13.6	INDIANA	IN	-7	-1	-8		
8	7.3	12	10.6	12	10.1	ADAMS	IN	45	-4	39	81	33
111	14.3	120	13.5	134	13.0	ALLEN	IN	-6	-3	-9	52	59
24	14.3	34	17.9	27	11.2	BARTHOLOMEW	IN	25	-38	-22	39	42
9	15.6	8	13.0	4	7.1	BENTON	IN	-16	-46	-55	11	13
12	17.7	13	18.9	5	6.7	BLACKFORD	IN	7	-64	-62	07	12
16	11.8	18	13.0	14	8.8	BOONE	IN	10	-32	-26	35	22
5	14.2	3	7.1	9	15.4	BROWN	IN	-50	117	8	66	76
15	16.0	11	11.5	8	8.2	CARROLL	IN	-28	-29	-49	14	19
28	13.0	19	9.0	28	14.5	CASS	IN	-31	61	11	69	70
17	8.5	35	15.8	51	16.7	CLARK	IN	86	6	96	92	82
18	12.9	18	12.0	16	11.8	CLAY	IN	-7	-1	-8	53	48
21	13.1	20	12.2	24	14.4	CLINTON	IN	-7	18	10	68	70
11	19.5	10	16.8	4	7.5	CRAWFORD	IN	-14	-56	-62	07	15
16	11.8	13	9.2	17	11.9	DAVIESS	IN	-22	29	0	61	48
17	13.9	15	11.1	19	12.5	DEARBORN	IN	-20	12	-10	51	54
14	13.0	21	18.9	16	13.9	DECATUR	IN	45	-27	6	65	65
12	8.2	14	9.6	17	12.0	DE KALB	IN	17	24	45	83	49
59	15.5	72	16.9	62	13.6	DELAWARE	IN	9	-20	-12	49	63
6	5.0	26*	20.7	14	9.9	DUBOIS	IN	316	-52	98	92	31
44	11.1	58	12.8	52	10.1	ELKHART	IN	16	-21	-9	52	33
14	12.3	18	16.5	14	11.3	FAYETTE	IN	35	-32	-8	53	43
30	15.6	24	10.6	26	10.5	FLOYD	IN	-32	-1	-33	28	36
16	15.8	14	14.7	11	10.9	FOUNTAIN	IN	-7	-25	-31	30	40
12	15.1	4	4.8	7	8.3	FRANKLIN	IN	-68	71	-45	17	19
24*	25.4	12	11.8	13	12.9	FULTON	IN	-54	9	-49	14	58
19	11.2	17	10.5	18	10.8	GIBSON	IN	-7	3	-4	58	39
53	17.2	42	12.9	43	12.5	GRANT	IN	-25	-3	-27	34	54
26	15.5	32	18.8	21	11.9	GREENE	IN	21	-37	-23	37	49
22	14.5	24	13.5	28	12.2	HAMILTON	IN	-7	-10	-16	45	51
15	13.4	19	15.4	23	15.2	HANCOCK	IN	15	-2	13	70	75
15	14.8	12	11.8	13	11.5	HARRISON	IN	-20	-2	-22	39	45
21	16.6	21	12.9	31	14.1	HENDRICKS	IN	-22	9	-15	46	67
33	15.7	32	14.1	31	12.5	HENRY	IN	-10	-11	-20	41	54
31	12.3	47	18.0	44	14.6	HOWARD	IN	47	-19	19	73	71
25	15.1	17	10.0	21	12.0	HUNTINGTON	IN	-34	20	-20	41	50
23	16.1	12	7.9	32*	19.3	JACKSON	IN	-51	145	20	73	90
6	7.1	7	7.5	19	19.1	JASPER	IN	7	153	170	96	90
19	15.6	24	19.9	16	13.2	JAY	IN	28	-34	-15	46	61
15	12.4	14	11.0	10	7.9	JEFFERSON	IN	-11	-28	-36	25	17
18	22.9	7	8.4	20*	21.2	JENNINGS	IN	-63	152	-7	54	94
30*	21.4	21	11.3	45*	19.4	JOHNSON	IN	-47	71	-9	52	90
30	14.2	33	14.6	31	14.0	KNOX	IN	3	-5	-2	59	66
29	15.7	10	5.0	26	11.2	KOSCIUSKO	IN	-68	123	-29	32	43
13	15.9	8	8.9	14	15.0	LAGRANGE	IN	-44	69	-6	56	73
200	14.9	221	13.7	251*	15.3	LAKE	IN	-8	12	3	63	76
42	12.0	59	13.5	57	12.6	LA PORTE	IN	13	-7	5	64	55
32	19.3	33	18.9	16	8.1	LAWRENCE	IN	-2	-57	-58	09	19
89*	19.3	90*	17.4	74	13.3	MADISON	IN	-10	-23	-31	30	61
335	15.6	392*	16.3	450*	17.5	MARION	IN	4	7	12	69	85
20	12.9	23	13.8	21	11.4	MARSHALL	IN	7	-17	-11	50	44
7	14.2	9	18.0	4	7.9	MARTIN	IN	27	-56	-45	18	17
28	18.0	21	12.9	20	12.6	MIAMI	IN	-28	-2	-30	31	55
21	12.1	18	8.4	29	10.8	MONROE	IN	-30	28	-11	50	38
21	12.6	21	13.0	20	12.0	MONTGOMERY	IN	3	-8	-5	56	49
18	15.0	11	7.5	22	11.8	MORGAN	IN	-50	56	-21	40	47
10	19.2	10	17.9	12	18.2	NEWTON	IN	-7	2	-5	56	87
13	9.3	33*	23.5	16	11.0	NOBLE	IN	151	-53	17	72	40
3	13.9	1	5.8	2	8.9	OHIO	IN	-58	55	-36	25	23
12	13.9	8	8.5	19	19.5	ORANGE	IN	-39	130	40	81	91
13	16.3	10	12.6	17*	21.8	OWEN	IN	-23	73	33	79	94
10	9.8	10	11.9	9	9.0	PARKE	IN	22	-24	-8	54	23
10	11.6	15	16.5	15	15.6	PERRY	IN	42	-6	34	79	77
11	13.2	9	10.1	10	12.7	PIKE	IN	-23	26	-4	58	56
30	15.1	38	15.5	39	11.5	PORTER	IN	3	-25	-23	37	45
18	18.7	9	8.7	17	15.2	POSEY	IN	-53	74	-19	42	75
9	13.3	9	13.0	4	5.8	PULASKI	IN	-2	-55	-56	10	09
10	8.0	10	8.1	24	17.5	PUTNAM	IN	0	117	117	93	85
25	16.4	23	14.9	15	10.2	RANDOLPH	IN	-9	-32	-38	23	33
19	17.7	14	11.9	11	9.0	RIPLEY	IN	-33	-24	-49	14	24
10	9.4	15	14.5	12	11.7	RUSH	IN	54	-20	23	75	46
143	16.8	143	14.6	130	12.7	ST JOSEPH	IN	-13	-13	-24	37	56
4	8.0	7	10.2	13	16.1	SCOTT	IN	28	58	101	92	80
28	18.6	30	19.0	16	9.0	SHELBY	IN	2	-52	-52	13	24
12	12.3	16	16.5	11	11.5	SPENCER	IN	34	-30	-7	55	45
15	18.0	20	19.8	16	16.1	STARKE	IN	10	-19	-11	50	79
10	10.9	20*	21.9	14	12.7	STEUBEN	IN	102	-42	17	72	56
20	13.9	13	9.5	9	8.1	SULLIVAN	IN	-32	-15	-42	20	18
5	9.1	4	8.4	2	3.9	SWITZERLAND	IN	-8	-53	-57	09	04
30	10.5	34	10.1	62	16.7	TIPPECANOE	IN	-4	66	59	87	82
17	20.5	2	2.5	12	14.8	TIPTON	IN	-88	487	-28	33	72
2	5.4	3	7.7	3	9.5	UNION	IN	42	23	75	89	27
102	16.2	108	15.1	111	14.5	VANDERBURGH	IN	-7	-4	-11	51	70
27*	23.1	24*	22.7	19	17.6	VERMILLION	IN	-2	-22	-23	37	85
82	15.4	79	14.8	94*	18.1	VIGO	IN	-4	22	17	72	87
24	17.0	16	10.6	22	13.6	WABASH	IN	-38	28	-20	41	63
3	6.4	4	7.9	5	10.4	WARREN	IN	24	31	62	87	35
17	15.5	12	10.3	23	16.1	WARRICK	IN	-34	57	4	63	80
10	10.4	13	13.7	11	9.7	WASHINGTON	IN	32	-29	-7	55	29
42	14.6	41	12.3	47	13.5	WAYNE	IN	-15	9	-8	54	62
9	8.8	12	11.1	11	9.6	WELLS	IN	25	-14	8	66	28

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
										%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
13	13.7	15	13.9	13	10.4	WHITE IN	1	-25	-24	36	35
19	19.9	6	5.9	16	13.5	WHITLEY IN	-70	128	-32	29	62
1874	13.9	1607	11.3	1419	9.7	IOWA IA	-19	-14	-30		
13	18.2	9	13.1	10	14.8	ADAIR IA	-28	13	-18	43	72
2	3.7	4	7.5	6	12.6	ADAMS IA	100	69	238	98	55
16	16.8	14	14.1	14	13.9	ALLAMAKEE IA	-16	-1	-17	44	66
13	10.1	11	9.0	12	11.5	APPANOOSE IA	-11	28	14	71	45
12	20.6	5	7.7	5	7.9	AUDUBON IA	-63	2	-62	07	17
22	18.7	13	10.1	9	6.8	BENTON IA	-46	-32	-63	06	12
48	11.1	41	8.3	50	9.5	BLACK HAWK IA	-25	14	-14	47	28
24	14.7	16	9.4	8	5.0	BOONE IA	-36	-47	-66	05	06
7	6.9	14	12.7	10	8.0	BREMER IA	84	-37	16	71	18
12	10.7	13	10.8	22*	20.0	BUCHANAN IA	1	86	87	91	92
20	17.9	11	9.0	10	7.4	BUENA VISTA IA	-50	-17	-58	08	15
11	11.3	6	5.9	11	10.2	BUTLER IA	-48	71	-10	51	33
12	13.3	9	10.4	6	5.4	CALHOUN IA	-21	-48	-59	08	08
23	21.0	16	12.8	10	8.2	CARROLL IA	-39	-36	-61	07	19
19	17.3	18	16.2	9	8.1	CASS IA	-6	-50	-53	12	18
21	20.4	14	13.1	11	10.4	CEDAR IA	-36	-21	-49	14	35
31	13.8	28	11.2	16	6.1	CERRO GORDO IA	-18	-46	-56	10	10
12	12.7	7	6.8	10	9.8	CHEROKEE IA	-47	45	-22	39	30
8	9.4	7	7.8	5	5.9	CHICKASAW IA	-17	-24	-38	24	09
5	9.2	5	8.7	5	10.9	CLARKE IA	-5	25	19	73	40
16	17.5	11	11.2	8	8.3	CLAY IA	-36	-26	-53	12	19
16	12.5	14	10.6	13	9.5	CLAYTON IA	-15	-11	-24	37	27
32	12.0	29	10.3	24	8.5	CLINTON IA	-14	-17	-29	32	21
10	9.6	18	16.8	12	11.3	CRAWFORD IA	76	-33	18	73	43
23	16.9	16	10.9	19	13.3	DALLAS IA	-36	23	-21	40	61
5	8.1	6	9.8	3	5.6	DAVIS IA	21	-43	-30	30	08
9	13.3	8	10.7	4	5.7	DECATUR IA	-20	-47	-57	09	08
11	11.9	8	8.8	6	6.1	DELAWARE IA	-26	-30	-48	15	10
20	9.4	29	12.3	21	8.7	DES MOINES IA	31	-29	-7	55	22
10	13.9	11	12.9	9	9.7	DICKINSON IA	-7	-25	-30	31	29
45	14.1	42	12.3	39	10.9	DUBUQUE IA	-13	-11	-23	39	39
7	9.8	8	10.3	5	6.7	EMMET IA	5	-35	-32	29	12
9	5.8	12	7.5	11	6.8	FAYETTE IA	30	-9	18	72	12
12	9.9	15	13.0	14	13.1	FLOYD IA	31	0	32	79	60
11	13.1	7	8.3	10	11.8	FRANKLIN IA	-37	43	-10	51	48
11	15.9	7	11.0	6	12.7	FREMONT IA	-31	15	-20	41	55
12	15.0	15	18.0	9	10.5	GREENE IA	20	-42	-30	31	36
10	15.3	11	14.5	6	7.7	GRUNDY IA	-5	-47	-50	14	16
14	15.0	8	8.8	8	9.6	GUTHRIE IA	-41	8	-36	25	28
18	18.4	15	14.1	12	11.0	HAMILTON IA	-23	-22	-40	22	41
6	8.3	5	6.2	6	7.5	HANCOCK IA	-26	23	-9	53	15
22	16.7	13	8.9	8	6.4	HARDIN IA	-47	-28	-62	07	11
17	16.6	19	18.1	18	16.7	HARRISON IA	9	-8	0	61	82
19	15.9	10	9.6	12	11.8	HENRY IA	-40	23	-26	35	48
8	11.2	2	2.9	7	8.7	HOWARD IA	-74	198	-23	38	22
6	8.6	11	15.7	7	9.0	HUMBOLDT IA	83	-42	5	64	24
12	20.4	11	20.5	11	19.9	IDA IA	1	-3	-3	59	91
21*	24.4	10	11.2	12	13.4	IOWA IA	-54	19	-45	18	62
12	10.5	11	9.0	11	9.0	JACKSON IA	-14	-1	-15	46	23
25	15.1	32	18.6	20	10.7	JASPER IA	23	-42	-29	32	37
4	4.5	9	10.0	5	5.5	JEFFERSON IA	120	-45	21	74	08
23	12.7	13	6.1	18	8.2	JOHNSON IA	-52	34	-35	26	19
17	16.3	13	12.5	2	1.9	JONES IA	-23	-85	-89	00	02
13	11.6	10	9.8	13	12.3	KEOKUK IA	-16	25	5	65	52
27*	22.2	7	5.4	8	6.1	KOSSUTH IA	-76	13	-72	02	10
18	8.4	31	14.0	17	7.9	LEE IA	67	-44	-6	55	17
59	11.3	59	9.7	60	9.1	LINN IA	-14	-6	-20	42	24
9	15.5	6	9.5	3	4.1	LOUISA IA	-39	-57	-73	02	04
7	8.6	7	9.0	9	12.7	LUCAS IA	5	40	47	84	55
10	15.0	13	17.6	10	12.3	LYON IA	17	-30	-18	43	52
8	9.5	15	18.1	5	5.7	MADISON IA	91	-68	-40	22	09
17	12.8	11	8.4	13	9.0	MAHASKA IA	-35	8	-29	32	24
32	19.5	11	7.1	15	8.5	MARION IA	-64	21	-56	10	21
26	13.3	20	9.6	26	11.6	MARSHALL IA	-28	21	-13	48	46
8	11.4	1	1.4	6	9.5	MILLS IA	-88	566	-17	44	27
9	11.5	9	10.3	6	6.6	MITCHELL IA	-11	-36	-43	19	11
8	9.5	10	11.6	4	5.8	MONONA IA	22	-49	-38	23	09
21*	28.4	7	10.6	4	7.2	MONROE IA	-63	-32	-75	02	14
18	18.2	11	11.5	8	10.2	MONTGOMERY IA	-37	-12	-44	18	33
23	12.5	20	10.6	26	13.8	MUSCATINE IA	-16	31	10	68	65
12	11.9	14	12.8	8	6.6	O'BRIEN IA	8	-48	-44	18	11
9	17.1	9	18.8	5	9.3	OSCEOLA IA	10	-51	-46	17	26
13	9.0	24	18.6	7	5.0	PAGE IA	105	-73	-44	18	06
11	14.1	7	8.9	13	14.9	PALO ALTO IA	-37	68	6	65	73
18	15.6	14	11.4	13	10.0	PLYMOUTH IA	-27	-12	-36	25	31
7	8.8	16	20.8	4	4.1	POCAHONTAS IA	137	-80	-53	12	04
172*	17.0	162	14.5	136	11.9	POLK IA	-15	-17	-30	31	49
44	12.7	40	10.8	41	10.3	POTTAWATTAMIE IA	-15	-5	-19	42	34
11	11.4	11	10.8	11	10.7	POWESHIEK IA	-5	-1	-6	55	37
7	13.1	3	6.6	4	8.3	RINGGOLD IA	-50	25	-37	24	19
13	12.9	13	14.1	7	6.6	SAC IA	9	-53	-49	14	11
81	16.4	69	13.0	69	12.1	SCOTT IA	-21	-6	-26	35	51
12	15.1	6	6.8	5	5.4	SHELBY IA	-55	-21	-65	05	07
13	10.7	25	18.9	19	13.1	SIOUX IA	76	-30	23	75	60
28	15.1	22	10.5	21	9.8	STORY IA	-30	-6	-35	26	30
22	17.8	12	10.3	15	11.5	TAMA IA	-42	11	-36	25	44
8	9.8	4	6.0	7	11.8	TAYLOR IA	-39	97	20	74	47
13	14.1	9	11.0	10	11.3	UNION IA	-22	3	-20	42	44
13	16.5	6	8.9	4	7.3	VAN BUREN IA	-46	-18	-56	10	14
32	14.1	31	12.8	30	12.5	WAPELLO IA	-10	-2	-11	50	54
19	20.2	9	8.4	12	10.2	WARREN IA	-58	20	-50	14	33
21	18.8	6	5.9	16	13.7	WASHINGTON IA	-68	130	-28	33	64
16	20.5	11	16.5	7	7.6	WAYNE IA	-20	-54	-63	06	15
30	13.2	28	11.9	23	9.0	WEBSTER IA	-10	-24	-32	29	24
8	11.6	4	4.7	2	2.4	WINNEBAGO IA	-60	-49	-80	01	03

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WHITE MALE

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
14	12.4	13	11.6	7	6.0	WINNESHIEK IA	-6	-48	-51	13	10
69	13.4	73	13.5	62	12.2	WOODBURY IA	1	-10	-9	53	52
9	15.1	4	6.4	4	5.2	WORTH IA	-57	-19	-65	05	07
12	11.4	4	3.9	9	8.5	WRIGHT IA	-66	119	-25	36	21
1224	12.7	1112	10.6	1082	9.8	KANSAS KS	-16	-8	-23		
15	12.6	13	12.3	8	9.2	ALLEN KS	-2	-26	-27	34	25
8	13.0	10	16.5	2	2.6	ANDERSON KS	26	-84	-80	01	03
13	12.4	15	14.4	14	13.9	ATCHISON KS	16	-3	12	69	66
2	3.9	6	12.6	4	9.3	BARBER KS	221	-26	137	94	26
20	18.1	11	7.6	17	11.6	BARTON KS	-58	53	-36	25	46
12	9.6	10	9.0	6	5.3	BOURBON KS	-6	-41	-44	18	07
8	9.5	12	12.7	6	5.7	BROWN KS	34	-55	-40	22	08
23	13.6	25	13.8	13	6.1	BUTLER KS	1	-55	-55	10	10
2	7.1	1	4.4			CHASE KS	-38				
7	14.5	7	15.5	8	17.1	CHAUTAUQUA KS	7	10	18	72	83
21	17.1	18	13.7	18	13.4	CHEROKEE KS	-20	-2	-22	39	61
4	16.7	5	17.5			CHEYENNE KS	5				
3	13.3	4	18.7	2	9.0	CLARK KS	40	-52	-32	29	24
16	22.1	9	13.0	9	12.7	CLAY KS	-41	-2	-43	20	56
6	6.1	10	11.9	9	11.3	CLOUD KS	96	-5	86	91	43
5	7.7	6	7.4	8	12.6	COFFEY KS	-4	70	64	87	55
4	19.6			1	4.5	COMANCHE KS			-77	01	05
31	15.0	23	11.0	18	8.8	COWLEY KS	-27	-20	-41	21	23
43	17.6	25	10.3	17	6.9	CRAWFORD KS	-42	-32	-60	07	13
6	15.8	2	4.2	3	10.2	DECATUR KS	-73	144	-35	26	34
17	12.5	17	12.5	12	9.1	DICKINSON KS	0	-27	-27	34	25
17*	25.6	9	14.5	5	8.4	DONIPHAN KS	-43	-42	-67	04	20
14	9.5	8	4.9	11	5.8	DOUGLAS KS	-48	18	-39	23	09
7	23.6	3	9.5			EDWARDS KS	-60				
3	7.4	7	16.5	5	14.0	ELK KS	124	-15	90	91	66
5	9.1	10	13.0	10	10.3	ELLIS KS	42	-21	13	70	34
11	21.7	2	3.9	2	4.9	ELLSWORTH KS	-82	24	-78	01	06
9	14.3	11	18.0	4	5.2	FINNEY KS	26	-71	-64	06	07
9	9.5	11	10.3	12	11.0	FORD KS	9	7	16	72	41
8	6.6	9	6.6	10	8.6	FRANKLIN KS	1	30	30	78	21
8	11.3	10	12.9	7	9.6	GEARY KS	14	-26	-15	46	28
3	14.6	3	11.3	1	4.2	GOVE KS	-23	-62	-71	03	05
3	11.6	6	21.8	3	10.4	GRAHAM KS	88	-52	-10	51	35
2	18.2	4	22.3	1	3.5	GRANT KS	23	-84	-81	01	03
2	9.2	7*	27.9			GRAY KS	203				
13	16.8	9	12.1	12	16.0	GREENWOOD KS	-28	32	-5	57	79
1	6.5			2	17.9	HAMILTON KS			174	96	86
8	13.4	1	1.5	7	11.0	HARPER KS	-89	649	-18	43	40
10	9.7	9	6.3	10	6.6	HARVEY KS	-35	5	-32	29	11
2	12.0	1	5.1	1	4.6	HODGEMAN KS	-57	-10	-61	07	05
6	9.3	5	6.1	7	10.3	JACKSON KS	-34	68	11	68	34
10	12.2	4	5.3	4	4.6	JEFFERSON KS	-56	-13	-62	07	05
11	18.5	8	16.8	4	8.0	JEWELL KS	-9	-52	-57	09	18
31	9.9	60	11.3	105	13.5	JOHNSON KS	14	19	36	80	62
1	3.7	1	10.3	1	6.1	KEARNY KS	181	-41	66	88	10
7	12.4	4	6.0	8	13.1	KINGMAN KS	-52	119	6	65	60
4	14.7	3	10.5	3	8.7	KIOWA KS	-28	-18	-41	21	22
21	12.8	25	16.9	20	14.3	LABETTE KS	32	-15	12	69	69
1	6.5					LANE KS					
17	7.4	34	15.6	18	8.3	LEAVENWORTH KS	110	-47	12	69	20
4	9.4	3	6.7	8	22.3	LINCOLN KS	-29	232	137	94	95
15	18.9	9	12.3	14*	23.8	LINN KS	-35	93	26	76	96
1	8.3	3	13.2	2	7.5	LOGAN KS	60	-43	-9	52	15
16	11.5	8	4.9	8	5.2	LYON KS	-57	7	-55	11	07
19	14.2	11	7.2	16	10.7	MC PHERSON KS	-50	49	-25	36	37
9	10.0	7	6.4	11	10.9	MARION KS	-36	70	9	67	40
10	9.2	10	9.6	11	12.1	MARSHALL KS	4	27	32	79	51
1	4.5	5	17.5	5	17.8	MEADE KS	289	1	295	98	86
12	10.5	11	9.7	7	5.9	MIAMI KS	-7	-39	-44	19	09
4	7.4	6	9.8	7	14.1	MITCHELL KS	32	44	91	91	67
29	11.2	27	11.2	26	10.4	MONTGOMERY KS	0	-7	-7	54	35
7	13.7	6	11.0	2	3.8	MORRIS KS	-20	-65	-72	02	04
		1	8.4			MORTON KS					
8	10.0	7	7.4	9	9.5	NEMAHA KS	-26	29	-5	57	28
18	14.8	13	10.9	8	7.8	NEOSHO KS	-26	-28	-47	15	17
3	10.2	3	7.6	2	5.1	NESS KS	-26	-33	-50	13	06
10	17.6	8	14.3	5	8.4	NORTON KS	-19	-41	-52	12	20
14	15.4	13	12.7	13	13.5	OSAGE KS	-17	6	-12	49	63
7	10.8	5	9.6	6	10.4	OSBORNE KS	-11	9	-3	58	35
6	12.7	4	9.1	2	4.2	OTTAWA KS	-29	-54	-67	04	04
4	6.3	3	5.0	4	6.9	PAWNEE KS	-21	38	9	67	13
11	19.2	5	9.0	6	9.5	PHILLIPS KS	-53	5	-51	13	27
9	11.8	4	4.9	9	11.0	POTTAWATOMIE KS	-58	125	-6	55	41
7	11.7	7	10.5	4	6.3	PRATT KS	-10	-40	-46	16	10
3	11.1	4	14.1	2	6.6	RAWLINS KS	27	-53	-40	21	11
38	14.3	36	12.1	24	7.6	RENO KS	-16	-37	-47	16	15
12	15.7	4	4.6	5	7.3	REPUBLIC KS	-71	57	-54	11	14
8	9.7	3	3.9	10	11.1	RICE KS	-60	187	15	71	42
11	9.4	10	8.3	11	8.3	RILEY KS	-11	0	-11	50	19
5	10.8	4	8.1	6	11.5	ROOKS KS	-25	42	6	65	45
8	20.1	4	9.9	2	5.8	RUSH KS	-51	-41	-71	03	09
13	22.4	3	6.0	6	8.9	RUSSELL KS	-73	48	-60	07	23
20	12.0	16	8.4	17	7.9	SALINE KS	-30	-5	-34	27	17
4	21.9	1	4.5	1	3.8	SCOTT KS	-80	-15	-83	00	04
150	16.7	121	10.9	104	8.2	SEDGWICK KS	-35	-25	-51	13	19
7	17.2	8	15.4	10	19.2	SEWARD KS	-10	25	12	69	90
48	9.6	48	8.3	82	13.1	SHAWNEE KS	-14	58	35	80	59
1	5.4			3	14.9	SHERIDAN KS			179	96	73
4	11.8	6	17.6	5	11.8	SHERMAN KS	49	-33	0	61	48
11	16.5	6	10.2	2	3.2	SMITH KS	-45	-68	-82	00	03
8	16.6	6	12.4	5	9.7	STAFFORD KS	-25	-22	-41	21	29
		1	9.6			STANTON KS					
		1	5.2	2	9.0	STEVENS KS		72			24

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WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
24	17.5	17	11.9	20	12.7	SUMNER	KS	-32	6	-28	33	56
1	2.9	2	4.9	2	4.3	THOMAS	KS	70	-13	48	84	05
1	3.1	1	4.4	1	2.9	TREGO	KS	43	-35	-7	55	03
5	9.8	3	6.8	7	13.8	WABAUNSEE	KS	-31	104	41	82	65
2	16.1	2	19.3			WALLACE	KS	20				
10	12.8	6	7.7	4	5.6	WASHINGTON	KS	-40	-27	-56	10	08
1	8.0	2	12.9	1	6.9	WICHITA	KS	61	-47	-14	47	13
11	11.6	10	11.3	7	7.3	WILSON	KS	-2	-35	-37	25	14
2	4.2	6	11.4	11*	31.1	WOODSON	KS	170	174	640	99	98
82	13.8	109*	16.6	99	16.0	WYANDOTTE	KS	20	-4	16	71	79
1870*	16.1	1852	14.2	1715	11.7	KENTUCKY	KY	-12	-17	-27		
6	7.9	12	16.1	8	9.3	ADAIR	KY	105	-42	19	73	26
11	15.5	5	7.4	4	5.2	ALLEN	KY	-52	-30	-66	05	07
7	16.9	3	6.9	3	5.4	ANDERSON	KY	-59	-21	-68	04	07
2	3.8	6	10.0	6	11.4	BALLARD	KY	166	14	204	97	44
22	17.3	17	12.1	19	11.7	BARREN	KY	-30	-4	-33	28	46
8	17.5	8	16.0	5	11.4	BATH	KY	-8	-29	-35	26	44
33*	23.0	23	15.9	18	12.1	BELL	KY	-31	-24	-47	15	50
7	10.3	14	14.9	19	15.4	BOONE	KY	44	4	50	84	76
11	15.0	10	12.7	9	10.8	BOURBON	KY	-15	-15	-28	33	38
30	16.4	33	15.2	36	14.1	BOYD	KY	-8	-7	-14	47	68
11	14.3	9	9.5	8	8.3	BOYLE	KY	-33	-12	-42	21	20
13*	27.4	8	18.5	7	14.4	BRACKEN	KY	-33	-22	-48	15	69
10	14.0	10	14.7	10	12.9	BREATHITT	KY	5	-12	-7	54	58
8	10.5	9	11.9	5	6.0	BRECKINRIDGE	KY	14	-49	-42	20	10
11	19.3	6	9.5	9	9.0	BULLITT	KY	-51	-6	-54	12	23
6	10.8	6	11.2	7	11.1	BUTLER	KY	4	-1	3	63	42
17*	26.1	11	13.6	10	13.9	CALDWELL	KY	-48	2	-47	16	66
11	10.4	6	5.1	6	3.9	CALLOWAY	KY	-51	-23	-62	06	04
70*	20.4	71*	17.7	64	16.6	CAMPBELL	KY	-13	-6	-19	42	82
3	7.4	7	17.4	6	15.7	CARLISLE	KY	136	-10	113	93	77
6	13.7	9	18.7	4	8.2	CARROLL	KY	36	-56	-40	22	19
13	14.5	14	14.9	12	12.0	CARTER	KY	3	-20	-17	44	50
13	22.0	11	15.9	13	16.4	CASEY	KY	-28	4	-25	36	81
21	14.1	20	12.1	12	7.0	CHRISTIAN	KY	-14	-43	-50	13	13
16	21.4	12	13.0	14	13.4	CLARK	KY	-39	4	-37	24	62
6	9.4	11	14.2	7	8.5	CLAY	KY	50	-40	-10	51	20
10	24.9	4	8.9	4	8.6	CLINTON	KY	-64	-3	-66	05	21
9	15.3	5	9.4	5	9.1	CRITTENDEN	KY	-38	-4	-40	21	24
5	12.9	4	11.2	5	11.8	CUMBERLAND	KY	-13	5	-9	53	47
43	18.8	45	15.9	44	13.4	DAVIESS	KY	-15	-16	-29	32	62
5	12.9	4	8.3	7	14.5	EDMONSON	KY	-35	75	13	70	70
2	7.5	8	28.8	2	19.3	ELLIOTT	KY	283	-33	157	95	90
7	11.6	10	15.4	16*	23.9	ESTILL	KY	33	55	106	93	96
54	14.4	54	12.2	69	11.9	FAYETTE	KY	-15	-3	-17	43	49
7	10.8	9	13.3	5	8.4	FLEMING	KY	24	-37	-22	39	20
26	16.9	28	17.4	28	14.6	FLOYD	KY	3	-16	-14	48	71
18	15.6	14	11.7	16	10.8	FRANKLIN	KY	-25	-7	-31	30	39
9	15.0	9	16.9	4	8.0	FULTON	KY	13	-52	-46	16	18
4	15.7	3	15.2	1	4.5	GALLATIN	KY	-3	-71	-72	03	05
8	16.5	5	10.3	6	11.1	GARRARD	KY	-38	8	-33	28	41
6	10.9	15*	25.7	7	12.2	GRANT	KY	135	-53	12	69	51
30	18.2	21	12.1	22	11.3	GRAVES	KY	-33	-7	-38	23	43
13	13.9	9	9.7	5	4.3	GRAYSON	KY	-30	-56	-69	03	05
8	21.0	4	7.0	10	15.7	GREEN	KY	-67	125	-25	36	78
17	17.5	14	11.5	18	12.1	GREENUP	KY	-34	5	-31	30	50
7	21.0	4	11.8	6	18.0	HANCOCK	KY	-44	53	-14	47	87
21	14.8	24	14.0	22	11.5	HARDIN	KY	-6	-18	-22	39	45
35*	23.1	20	11.1	30	17.8	HARLAN	KY	-52	61	-23	38	86
12	16.1	19*	24.1	6	7.0	HARRISON	KY	49	-71	-57	09	13
9	13.0	7	9.4	11	15.5	HART	KY	-28	66	19	73	76
21	16.3	12	8.7	18	11.0	HENDERSON	KY	-47	27	-33	28	41
4	6.4	4	6.7	5	7.4	HENRY	KY	4	12	16	72	15
8	20.4	9	21.4	4	11.9	HICKMAN	KY	5	-44	-42	21	49
22	12.7	27	14.7	25	12.5	HOPKINS	KY	15	-15	-2	59	54
4	8.6	6	11.1	10	16.5	JACKSON	KY	29	49	91	91	81
277	15.2	315	14.6	303	12.4	JEFFERSON	KY	-4	-15	-19	42	53
10	19.1	9	15.9	8	10.2	JESSAMINE	KY	-17	-36	-46	16	34
17	18.9	13	14.3	11	10.4	JOHNSON	KY	-24	-28	-45	17	35
83*	18.6	92*	17.9	72	13.4	KENTON	KY	-3	-25	-28	33	62
6	8.5	8	12.1	11	14.6	KNOTT	KY	43	20	72	89	71
13	11.4	11	9.9	13	10.5	KNOX	KY	-13	5	-8	53	36
5	12.0	4	8.6	5	8.0	LARUE	KY	-28	-7	-33	28	18
8	7.2	16	12.3	14	8.9	LAUREL	KY	71	-27	24	76	23
10	15.9	9	14.0	8	10.6	LAWRENCE	KY	-12	-24	-33	28	37
2	5.6	8	20.9	10	21.3	LEE	KY	276	2	283	98	94
2	5.8	8	19.6	8	14.7	LESLIE	KY	240	-25	155	95	72
23*	22.0	15	13.7	23	18.7	LETCHER	KY	-38	37	-15	46	89
9	15.8	12	19.9	6	9.3	LEWIS	KY	26	-53	-41	21	26
19*	24.0	18	20.7	4	4.0	LINCOLN	KY	-14	-80	-83	00	04
9	22.3	9	21.0	5	11.0	LIVINGSTON	KY	-6	-48	-51	13	41
18	18.0	5	4.5	10	8.1	LOGAN	KY	-75	82	-55	11	18
1	1.8	5	16.1	5	14.5	LYON	KY	793	-10	702	99	70
35	15.3	43	16.7	23	8.2	MC CRACKEN	KY	9	-51	-46	16	19
9	17.7	12	22.3	9	14.8	MC CREARY	KY	25	-34	-17	44	72
8	17.8	7	13.2	10	16.4	MC LEAN	KY	-26	25	-8	54	81
24	20.2	26	18.7	14	8.6	MADISON	KY	-7	-54	-57	09	21
9	19.7	6	11.2	6	11.0	MAGOFFIN	KY	-43	-2	-44	18	41
6	12.2	9	15.5	9	13.2	MARION	KY	28	-15	9	67	61
9	12.6	8	9.8	12	8.9	MARSHALL	KY	-22	-9	-29	31	23
7	21.9	6	16.5	6	13.9	MARTIN	KY	-25	-16	-37	24	65
13	14.7	9	10.4	10	11.6	MASON	KY	-30	12	-21	40	46
		12*	26.3	6	10.9	MEADE	KY		-58			40
4	16.6	3	14.0	2	9.8	MENIFEE	KY	-16	-30	-41	21	30
11	15.2	7	9.8	14	15.9	MERCER	KY	-36	63	5	64	79
3	6.7	8	16.0	2	4.0	METCALFE	KY	140	-75	-40	22	04
7	12.0	12	18.5	4	6.1	MONROE	KY	54	-67	-49	14	10
9	17.6	15*	25.9	11	16.1	MONTGOMERY	KY	47	-38	-9	52	80

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WHITE MALE

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ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
6	11.0	13	21.4	7	10.5	MORGAN	KY	94	-51	-5	57	36
21	14.0	14	9.5	16	9.9	MUHLENBERG	KY	-32	4	-29	32	31
11	14.3	5	5.9	11	10.5	NELSON	KY	-59	79	-27	34	36
5	13.1	5	12.9	5	11.9	NICHOLAS	KY	-2	-8	-9	52	48
24	21.4	20	16.1	14	11.6	OHIO	KY	-25	-28	-46	17	46
4	8.3	8	14.1	10	15.1	OLDHAM	KY	70	7	81	90	74
13*	24.8	9	18.2	4	7.8	OWEN	KY	-27	-57	-69	04	17
3	9.8	4	12.1	3	10.7	OWSLEY	KY	23	-11	9	67	37
8	13.6	6	10.0	5	8.4	PENDLETON	KY	-26	-16	-38	24	20
16	12.7	27*	22.5	25*	19.4	PERRY	KY	78	-14	53	85	90
36	16.1	34	13.5	28	9.6	PIKE	KY	-16	-29	-40	22	28
10*	33.4	3	9.9	3	7.8	POWELL	KY	-70	-22	-77	02	16
30	17.2	22	12.4	20	9.4	PULASKI	KY	-28	-24	-45	17	27
		2	14.2	3	16.7	ROBERTSON	KY		18			82
13	22.7	9	13.5	10	14.1	ROCKCASTLE	KY	-41	5	-38	24	67
7	12.6	7	12.4	13	19.8	ROWAN	KY	-2	60	57	86	91
9	17.3	9	15.0	14	19.5	RUSSELL	KY	-13	30	13	70	91
11	16.0	9	12.3	7	8.4	SCOTT	KY	-23	-32	-47	15	20
6	6.8	10	11.2	12	11.1	SHELBY	KY	65	-1	64	87	42
8	15.1	8	13.3	3	4.4	SIMPSON	KY	-12	-67	-71	03	05
4	14.8	2	8.1	4	13.2	SPENCER	KY	-45	62	-11	50	60
10	16.1	14	19.9	3	3.6	TAYLOR	KY	24	-82	-78	01	04
9	16.0	7	12.2	11	19.8	TODD	KY	-24	62	24	75	91
4	11.9	8	18.1	3	6.1	TRIGG	KY	52	-67	-49	14	10
3	10.4	6	21.3	3	9.0	TRIMBLE	KY	105	-58	-14	48	23
21*	30.1	6	8.8	7	10.0	UNION	KY	-71	13	-67	04	31
30	16.9	42*	21.0	30	12.6	WARREN	KY	25	-40	-25	36	55
6	12.3	5	9.6	2	4.0	WASHINGTON	KY	-22	-58	-67	04	04
12	19.6	10	14.5	7	9.2	WAYNE	KY	-26	-37	-53	12	25
28*	31.4	8	9.5	10	12.0	WEBSTER	KY	-70	26	-62	07	49
25	20.9	26	19.7	23	15.8	WHITLEY	KY	-6	-20	-24	37	78
7	24.5	1	2.4	8	23.1	WOLFE	KY	-90	845	-6	56	96
8	17.4	5	10.6	5	8.0	WOODFORD	KY	-39	-25	-54	11	18
1545*	21.8	1712*	19.4	1996*	18.2	LOUISIANA	LA	-11	-6	-17		
35*	25.1	40*	25.3	28	14.6	ACADIA	LA	0	-42	-42	20	71
12	19.4	14	20.9	13	15.7	ALLEN	LA	8	-25	-19	43	78
8	12.8	12	15.2	19	16.3	ASCENSION	LA	19	8	28	77	81
15*	41.3	11*	22.6	8	14.4	ASSUMPTION	LA	-45	-36	-65	05	70
23	19.8	27*	19.8	31*	19.0	AVOYELLES	LA	0	-4	-4	58	89
12	19.3	9	11.1	14	13.8	BEAUREGARD	LA	-43	25	-28	32	65
9	15.1	15*	25.6	15*	23.8	BIENVILLE	LA	70	-7	58	86	96
10	15.0	18	14.3	18	10.5	BOSSIER	LA	-5	-27	-30	31	36
71	15.9	84	14.6	125*	18.0	CADDO	LA	-8	23	13	70	87
44	19.0	57	18.7	67	15.0	CALCASIEU	LA	-2	-20	-21	40	74
8	22.8	10	23.7	6	12.4	CALDWELL	LA	4	-48	-46	17	53
3	11.7	6	28.4	2	5.2	CAMERON	LA	144	-82	-55	10	07
2	6.7	6	16.2	8	20.1	CATAHOULA	LA	141	24	198	97	92
6	10.3	16*	27.1	11	17.1	CLAIBORNE	LA	163	-37	65	88	83
3	13.0	9	24.7	6	12.6	CONCORDIA	LA	89	-49	-3	58	55
9	18.2	8	12.6	5	7.5	DE SOTO	LA	-31	-40	-59	08	15
52	17.6	87*	18.6	90	14.1	EAST BATON ROUGE	LA	5	-24	-20	41	67
7*	31.1	4	17.8	1	6.0	EAST CARROLL	LA	-43	-66	-81	01	09
6	12.0	5	8.8	10	19.1	EAST FELICIANA	LA	-27	118	59	86	90
17	18.8	20	16.6	12	9.2	EVANGELINE	LA	-11	-45	-51	13	25
14	19.5	12	14.9	12	13.6	FRANKLIN	LA	-23	-9	-30	30	63
5	8.7	9	14.0	14	19.0	GRANT	LA	60	36	117	93	89
27*	28.2	28*	21.7	30*	17.0	IBERIA	LA	-23	-22	-40	22	83
12	19.9	8	10.9	11	15.0	IBERVILLE	LA	-45	38	-25	36	74
19*	45.8	9	15.7	5	7.6	JACKSON	LA	-66	-51	-83	00	16
74*	24.0	98	16.3	247*	23.0	JEFFERSON	LA	-32	41	-4	57	96
16	20.8	20*	21.8	17	15.3	JEFFERSON DAVIS	LA	5	-30	-26	35	76
38*	25.9	45*	23.0	64*	20.7	LAFAYETTE	LA	-11	-10	-20	41	93
28*	24.7	34*	21.0	48*	23.9	LAFOURCHE	LA	-15	14	-3	58	96
6	13.1	15*	25.6	15	19.7	LA SALLE	LA	96	-23	50	84	91
8	13.8	5	6.6	13	13.5	LINCOLN	LA	-53	107	-2	59	63
18*	25.3	12	11.7	25	17.8	LIVINGSTON	LA	-54	52	-30	31	86
4	20.7	6	20.9	5	17.1	MADISON	LA	1	-18	-17	44	83
6	10.6	11	14.5	10	9.8	MOREHOUSE	LA	37	-32	-7	55	30
30*	33.7	15	14.6	17	14.6	NATCHITOCHES	LA	-57	0	-57	09	71
391*	24.0	383*	22.0	342*	22.7	ORLEANS	LA	-9	3	-5	56	95
44*	20.7	49	17.5	54	15.0	OUACHITA	LA	-15	-14	-27	34	74
8	22.6	13*	36.6	17*	38.3	PLAQUEMINES	LA	62	5	69	89	99
14*	37.0	15*	31.5	9	13.9	POINTE COUPEE	LA	-15	-56	-62	06	66
42	16.2	59*	19.0	74*	20.1	RAPIDES	LA	18	6	25	76	92
6	20.6	8	25.6	2	6.4	RED RIVER	LA	24	-75	-69	04	11
6	11.0	14	25.1	13	15.8	RICHLAND	LA	128	-37	43	82	78
9	12.4	15	17.6	22*	20.7	SABINE	LA	42	18	68	88	93
7	14.3	19	19.1	33*	21.5	ST BERNARD	LA	33	13	50	84	94
9*	28.3	9	18.0	11	12.0	ST CHARLES	LA	-36	-33	-57	09	50
4	20.8	1	4.5	5	36.3	ST HELENA	LA	-78	702	75	89	99
8	27.5	6	17.4	5	13.6	ST JAMES	LA	-37	-22	-50	13	64
16*	54.4	9	28.7	10	18.8	ST JOHN THE BAPT	LA	-47	-35	-66	05	89
38*	27.6	46*	26.1	35	15.3	ST LANDRY	LA	-5	-41	-44	18	75
16*	27.9	18*	23.6	15	15.7	ST MARTIN	LA	-15	-33	-44	19	78
37*	44.4	19	15.9	38*	28.8	ST MARY	LA	-64	81	-35	26	98
19	17.4	33*	20.1	34	11.5	ST TAMMANY	LA	15	-43	-34	27	45
32*	20.1	39*	22.2	64*	29.6	TANGIPAHOA	LA	10	33	47	84	98
2	10.2	3	16.8	5	26.2	TENSAS	LA	65	56	157	95	97
27*	26.6	17	12.4	33	15.3	TERREBONNE	LA	-53	23	-42	20	75
16*	26.6	5	7.1	8	9.6	UNION	LA	-73	55	-64	06	28
41*	31.6	36*	25.0	40*	21.2	VERMILION	LA	-21	-15	-33	28	94
24*	31.6	21*	21.7	22	18.6	VERNON	LA	-31	-14	-41	21	88
35*	34.4	28*	21.6	30*	22.5	WASHINGTON	LA	-37	4	-35	26	95
15	15.0	30*	23.8	24	15.8	WEBSTER	LA	58	-33	5	65	78
5	24.8	6	23.4	6	15.3	WEST BATON ROUGE	LA	-6	-35	-39	23	75
11	20.7	7	12.3	6	9.4	WEST CARROLL	LA	-41	-23	-55	11	27
1	6.1	5*	29.4	3	14.8	WEST FELICIANA	LA	385	-50	144	95	72
5	8.9	14	20.8	14	20.6	WINN	LA	133	-1	130	94	93

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
717*	15.8	695*	14.7	699	13.6	MAINE ME	-6	-7	-13		
55	13.7	68	16.2	44	9.8	ANDROSCOGGIN ME	19	-40	-29	32	30
53	14.5	55	14.8	44	11.3	AROOSTOOK ME	2	-24	-22	39	43
124	15.3	137	15.9	144	15.1	CUMBERLAND ME	4	-5	-2	60	74
11	9.8	12	11.5	9	7.7	FRANKLIN ME	18	-33	-21	40	16
27	14.0	37	18.9	37	17.2	HANCOCK ME	35	-9	22	75	84
70	16.5	55	12.0	69	13.9	KENNEBEC ME	-27	16	-16	45	66
27	15.0	30	16.8	32	16.7	KNOX ME	12	-1	11	69	82
21	17.7	18	14.5	30*	21.4	LINCOLN ME	-18	47	21	74	94
42	17.2	31	13.3	28	10.9	OXFORD ME	-23	-18	-36	25	40
81	15.8	81	15.3	78	14.2	PENOBSCOT ME	-3	-7	-10	51	68
10	9.2	13	12.9	9	9.6	PISCATAQUIS ME	41	-26	5	64	28
23	20.0	8	6.8	13	10.4	SAGADAHOC ME	-66	53	-48	15	35
37	18.3	22	10.8	32	14.9	SOMERSET ME	-41	38	-19	43	73
28*	23.5	14	11.6	14	11.3	WALDO ME	-51	-3	-52	12	43
23	11.7	32	17.4	29	14.6	WASHINGTON ME	49	-16	25	76	71
85*	18.9	82	16.2	87	14.4	YORK ME	-14	-11	-24	37	69
1551*	18.4	1956*	18.2	2196*	17.0	MARYLAND MD	-1	-7	-8		
52	14.9	56	14.0	49	11.3	ALLEGANY MD	-6	-19	-24	37	44
61	16.2	106*	17.6	200*	21.2	ANNE ARUNDEL MD	9	21	32	78	94
188*	16.8	337*	18.6	422*	16.8	BALTIMORE MD	10	-10	0	61	82
7	19.0	9	14.6	15	15.8	CALVERT MD	-23	9	-17	44	78
12	13.7	13	15.1	15	15.1	CAROLINE MD	10	0	11	68	74
36	15.0	37	13.3	54	16.5	CARROLL MD	-12	24	10	68	81
29	19.3	19	10.1	26	13.0	CECIL MD	-48	29	-33	28	59
11	15.7	11	14.1	22	15.8	CHARLES MD	-10	12	1	61	78
20	16.9	22	17.1	32*	24.6	DORCHESTER MD	2	44	46	83	97
46	16.5	32	10.3	41	11.1	FREDERICK MD	-37	7	-33	28	42
10	10.1	16	15.1	14	11.3	GARRETT MD	49	-26	11	69	43
30	16.6	30	11.8	52	13.1	HARFORD MD	-29	11	-21	40	60
18	20.0	20	14.2	40	18.7	HOWARD MD	-29	32	-7	55	89
9	14.2	9	13.4	17*	23.3	KENT MD	-6	73	63	87	96
89	12.4	147	11.6	209	11.5	MONTGOMERY MD	-6	-2	-8	54	45
82	14.5	149	14.9	217*	15.9	PRINCE GEORGE'S MD	3	7	10	67	79
11	18.1	15	21.1	18	17.6	QUEEN ANNE'S MD	16	-17	-3	58	85
13	20.8	15	18.9	22	16.3	ST MARY'S MD	-9	-14	-22	39	80
14	17.7	12	15.4	10	12.5	SOMERSET MD	-13	-19	-29	31	54
14	17.2	22*	22.0	24*	19.5	TALBOT MD	28	-11	13	70	91
53	14.6	60	15.0	63	12.8	WASHINGTON MD	2	-15	-13	48	57
15	9.8	35	18.7	29	13.2	WICOMICO MD	91	-29	35	80	61
21*	24.3	13	14.0	15	12.5	WORCESTER MD	-42	-10	-48	15	54
710*	23.3	771*	26.4	590*	23.5	BALTIMORE CITY MD	13	-11	1	61	96
3886*	17.4	3636*	15.0	3899*	15.2	MASSACHUSETTS MA	-14	1	-13		
36	12.5	40	8.9	115	14.6	BARNSTABLE MA	-28	64	17	72	71
99	15.3	100	14.5	101	13.5	BERKSHIRE MA	-5	-7	-12	50	63
354*	19.7	339*	17.3	270	12.4	BRISTOL MA	-12	-23	-37	24	54
8	25.4	4	11.3	10	22.3	DUKES MA	-55	97	-12	49	95
446*	16.8	419	14.5	455*	14.9	ESSEX MA	-13	3	-11	50	73
43	15.2	42	13.6	32	9.9	FRANKLIN MA	-11	-27	-35	26	31
271	15.4	279	14.6	311*	15.2	HAMPDEN MA	-5	3	-1	60	75
41	9.7	59	12.4	58	10.5	HAMPSHIRE MA	28	-15	9	67	36
808*	16.5	822*	15.1	877*	15.2	MIDDLESEX MA	-9	1	-8	54	75
4	22.8	1	5.4	7*	34.8	NANTUCKET MA	-76	540	53	85	99
299	16.0	324	14.2	452*	16.8	NORFOLK MA	-11	19	5	65	82
176	16.6	184	14.8	189	12.7	PLYMOUTH MA	-11	-14	-23	38	56
926*	24.6	668*	18.9	578*	20.1	SUFFOLK MA	-23	6	-19	43	92
375	13.7	355	12.1	444*	14.4	WORCESTER MA	-11	18	5	64	69
4067*	15.4	4167	13.6	4604*	13.8	MICHIGAN MI	-12	1	-11		
2	6.7	4	7.7	11	16.4	ALCONA MI	15	114	146	95	81
11	20.4	5	10.0	7	13.6	ALGER MI	-51	37	-33	28	64
35	13.3	26	9.4	32	9.9	ALLEGAN MI	-30	6	-26	35	31
10	9.1	14	11.7	10	6.8	ALPENA MI	28	-42	-26	35	12
13	20.8	14	19.3	13	14.4	ANTRIM MI	-7	-25	-31	30	69
12	22.9	10	18.1	10	14.4	ARENAC MI	-21	-20	-37	24	69
8	20.6	10	22.4	4	8.5	BARAGA MI	9	-62	-59	08	20
14	8.9	16	9.7	27	13.8	BARRY MI	10	41	55	86	64
79*	20.0	71	16.7	134*	28.3	BAY MI	-17	70	42	82	98
7	17.0	6	11.7	10	17.3	BENZIE MI	-31	48	2	62	84
66	12.6	72	11.8	78	11.8	BERRIEN MI	-6	0	-6	55	48
12	7.0	13	7.7	24	13.4	BRANCH MI	10	75	92	91	61
74	14.5	56	10.1	75	12.8	CALHOUN MI	-30	26	-12	49	57
32*	21.9	11	6.7	25	12.8	CASS MI	-70	92	-41	21	57
9	11.3	11	13.5	8	8.9	CHARLEVOIX MI	20	-34	-21	40	23
11	14.6	3	3.4	12	11.1	CHEBOYGAN MI	-77	228	-24	36	41
22	17.4	19	14.3	27*	18.8	CHIPPEWA MI	-18	31	8	66	89
9	16.2	16	18.6	32*	27.4	CLARE MI	15	47	69	89	98
27	18.1	17	11.2	18	10.1	CLINTON MI	-38	-10	-44	18	32
4	18.0	3	10.7	8	18.1	CRAWFORD MI	-40	69	1	61	67
27	15.6	29	15.6	32	16.8	DELTA MI	0	8	7	66	82
14	14.5	12	7.3	27	15.8	DICKINSON MI	-50	116	9	67	78
25	12.4	31	14.2	30	10.7	EATON MI	15	-25	-14	47	37
11	13.2	5	5.7	9	8.9	EMMET MI	-57	56	-32	28	23
166	16.8	179	14.8	217*	15.9	GENESEE MI	-12	7	-6	56	79
13	24.5	10	12.4	19	18.2	GLADWIN MI	-49	46	-26	35	87
26	18.3	17	10.1	13	9.1	GOGEBIC MI	-45	-9	-50	14	25
13	7.7	14	7.6	30	14.5	GRAND TRAVERSE MI	-1	91	88	91	70
27	15.4	19	11.2	19	11.0	GRATIOT MI	-27	-2	-29	32	40
16	9.4	25	14.0	26	12.7	HILLSDALE MI	48	-9	34	79	55
41	17.0	21	9.5	32	14.9	HOUGHTON MI	-44	57	-12	49	73
26	14.7	24	13.0	13	6.6	HURON MI	-12	-49	-55	10	11
85	12.7	111	15.0	123*	15.8	INGHAM MI	18	5	24	76	78
31	15.3	30	15.3	30	15.2	IONIA MI	0	0	-1	60	75

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
14	20.3	12	12.9	15	11.4	IOSCO MI	-36	-12	-44	18	44
29*	27.0	22*	22.2	11	10.0	IRON MI	-18	-55	-63	06	32
17	14.1	22	16.5	19	12.9	ISABELLA MI	17	-22	-8	53	58
73	14.8	79	14.3	74	12.9	JACKSON MI	-4	-9	-13	48	58
69	12.0	83	12.9	80	11.6	KALAMAZOO MI	8	-10	-3	58	46
2	8.4	5	17.4	3	6.6	KALKASKA MI	106	-62	-22	39	11
178	13.6	178	11.6	198	11.9	KENT MI	-14	2	-13	48	48
3	19.6	2	9.7			KEWEENAW MI	-51				
5	20.5	5	15.7	5	11.0	LAKE MI	-23	-30	-46	16	41
22	13.3	36	19.3	29	13.8	LAPEER MI	45	-28	4	63	64
5	9.9	4	6.4	11	15.5	LEELANAU MI	-35	143	57	86	76
51	16.4	50	15.1	48	13.8	LENAWEE MI	-7	-9	-15	46	65
24	16.4	20	10.3	37	13.9	LIVINGSTON MI	-37	35	-16	45	65
2	4.1	4	8.0	10*	24.6	LUCE MI	97	209	508	99	97
5	10.8	8	16.0	9	15.0	MACKINAC MI	48	-6	39	81	74
142*	18.6	222*	16.9	352*	17.0	MACOMB MI	-9	0	-8	53	83
9	9.9	16	14.7	22	17.1	MANISTEE MI	49	17	74	89	84
47	21.5	50*	20.0	33	12.2	MARQUETTE MI	-7	-39	-43	19	52
22	19.2	13	10.0	16	11.5	MASON MI	-48	16	-40	22	45
14	12.9	11	11.4	15	11.6	MECOSTA MI	-12	2	-10	51	46
16	11.8	15	11.4	10	6.5	MENOMINEE MI	-3	-43	-45	18	11
14	11.5	15	9.2	31	14.9	MIDLAND MI	-20	62	30	78	73
3	8.5	2	4.4	5	9.7	MISSAUKEE MI	-49	122	14	71	29
45	14.7	51	12.7	56	11.6	MONROE MI	-13	-9	-21	40	46
40*	23.8	28	14.7	31	14.0	MONTCALM MI	-38	-4	-41	21	67
4	15.8	7	22.4	8	20.5	MONTMORENCY MI	42	-9	30	78	93
74	15.7	74	13.7	96	16.1	MUSKEGON MI	-13	18	2	62	80
23	20.0	23	17.5	17	10.9	NEWAYGO MI	-13	-38	-45	17	40
225	14.5	306	12.6	383	11.7	OAKLAND MI	-13	-7	-19	42	47
13	13.3	8	9.0	18	17.6	OCEANA MI	-33	97	33	79	85
5	9.5	13	19.9	15	14.6	OGEMAW MI	110	-27	54	85	71
12	19.0	14*	22.2	15*	24.6	ONTONAGON MI	17	11	29	78	97
9	11.5	13	16.6	16	17.6	OSCEOLA MI	45	6	54	85	85
4	20.7	4	16.6	9	17.4	OSCODA MI	-20	4	-16	45	84
5	13.4	5	10.0	16*	25.3	OTSEGO MI	-25	154	89	91	97
38	11.4	45	10.9	63	12.4	OTTAWA MI	-4	13	9	67	53
10	16.4	6	8.4	11	12.8	PRESQUE ISLE MI	-49	53	-22	39	57
7	17.8	12	16.7	20	21.3	ROSCOMMON MI	-6	27	20	74	94
104	16.5	93	13.3	106	14.0	SAGINAW MI	-19	5	-15	46	67
68	15.7	68	13.4	93*	16.3	ST CLAIR MI	-15	22	4	63	80
27	13.3	27	12.4	21	8.6	ST JOSEPH MI	-7	-30	-35	26	21
29	15.4	28	14.6	28	13.5	SANILAC MI	-5	-7	-12	49	63
4	7.9	2	3.7	2	3.6	SCHOOLCRAFT MI	-53	-3	-55	11	04
26	11.3	33	14.4	49*	20.5	SHIAWASSEE MI	28	42	82	90	93
25	12.1	16	7.5	36	15.8	TUSCOLA MI	-38	111	31	78	79
38	16.2	33	13.0	30	10.6	VAN BUREN MI	-20	-19	-35	26	36
52	11.3	51	9.0	54	8.4	WASHTENAW MI	-20	-7	-26	35	20
1417*	16.3	1398*	14.9	1172*	14.0	WAYNE MI	-8	-6	-14	47	66
19	20.8	11	10.6	21	17.0	WEXFORD MI	-49	61	-18	43	83
1670	11.2	1736	10.3	1715	9.3	MINNESOTA MN	-8	-10	-17		
7	6.8	10	9.9	4	4.8	AITKIN MN	45	-51	-30	31	06
13	7.4	31	12.8	41	10.1	ANOKA MN	74	-21	38	81	33
9	7.4	11	8.4	8	5.0	BECKER MN	14	-41	-33	28	06
10	8.0	12	9.7	14	10.8	BELTRAMI MN	22	11	36	80	38
9	13.3	4	4.5	5	4.6	BENTON MN	-67	4	-65	05	05
5	8.9	3	5.0	4	7.4	BIG STONE MN	-44	48	-17	44	14
25	13.4	18	8.6	16	6.8	BLUE EARTH MN	-36	-21	-49	14	12
11	8.1	16	10.4	13	7.9	BROWN MN	28	-24	-3	58	17
9	6.4	12	8.7	10	6.8	CARLTON MN	37	-22	7	66	12
9	8.5	10	8.4	7	5.1	CARVER MN	-1	-39	-40	22	07
11	10.5	14	13.3	17	13.4	CASS MN	26	1	27	77	62
7	7.9	5	6.2	10	9.5	CHIPPEWA MN	-21	52	20	74	27
9	9.2	9	9.1	8	7.0	CHISAGO MN	-1	-23	-24	36	13
8	6.5	14	9.8	12	5.9	CLAY MN	50	-40	-10	52	09
5	8.4	4	5.8	2	3.5	CLEARWATER MN	-31	-40	-59	08	03
2	10.9	2	10.6	3	12.6	COOK MN	-3	19	15	71	55
9	11.6	13	14.2	4	4.2	COTTONWOOD MN	22	-71	-64	06	04
16	10.1	29	14.6	23	9.6	CROW WING MN	45	-34	-4	57	29
27	11.6	35	10.8	47	10.3	DAKOTA MN	-7	-5	-12	50	34
9	12.9	4	5.7	7	9.1	DODGE MN	-56	59	-30	31	24
7	5.7	19	13.2	13	8.3	DOUGLAS MN	131	-37	46	83	19
11	8.3	10	7.1	15	10.8	FARIBAULT MN	-14	51	30	78	38
15	10.6	16	10.2	15	9.7	FILLMORE MN	-4	-4	-8	54	29
14	8.1	21	11.2	25	11.7	FREEBORN MN	39	5	45	83	47
22	11.8	33	16.8	20	9.5	GOODHUE MN	42	-43	-19	42	28
6	12.2	3	5.2	9	14.2	GRANT MN	-58	174	16	72	68
388	12.3	420	11.6	386	10.3	HENNEPIN MN	-6	-12	-17	44	34
8	9.4	12	13.0	3	2.9	HOUSTON MN	38	-78	-69	04	03
10	15.0	10	12.5	9	11.3	HUBBARD MN	-17	-9	-25	36	44
7	8.6	5	5.6	9	8.4	ISANTI MN	-35	51	-2	59	20
24	14.1	24	13.0	9	4.3	ITASCA MN	-7	-67	-69	03	05
2	2.7	5	5.5	7	8.8	JACKSON MN	104	59	225	97	22
6	11.0	5	8.6	8	10.2	KANABEC MN	-22	19	-7	55	34
12	7.2	7	3.9	9	4.5	KANDIYOHI MN	-45	15	-37	24	05
2	3.6	2	4.5	4	8.2	KITTSON MN	26	81	128	94	19
16	16.0	9	9.2	12	13.6	KOOCHICHING MN	-43	49	-15	47	64
8	11.2	7	7.9	7	7.3	LAC QUI PARLE MN	-30	-7	-35	26	14
8	15.0	2	3.9	3	5.2	LAKE MN	-74	31	-66	05	07
3	10.2	1	3.1	1	4.1	LAKE OF THE WOODS MN	-70	33	-60	07	04
15	13.1	10	8.4	16	11.5	LE SUEUR MN	-36	37	-12	49	45
5	9.7	5	7.9	1	1.3	LINCOLN MN	-18	-84	-87	00	02
10	8.5	15	11.7	11	7.9	LYON MN	38	-33	-7	55	17
9	7.2	10	6.5	13	7.8	MC LEOD MN	-9	20	9	67	17
4	16.1	2	6.2	2	5.2	MAHNOMEN MN	-62	-17	-68	04	07
5	6.5	5	5.3	6	6.4	MARSHALL MN	-18	19	-2	59	11
16	14.0	16	11.1	13	8.0	MARTIN MN	-20	-28	-43	19	18
14	13.8	9	8.4	7	5.9	MEEKER MN	-39	-30	-57	09	09
4	4.5	8	7.5	9	8.5	MILLE LACS MN	68	14	91	91	21

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WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
										%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
10	7.9	13	9.5	10	6.2	MORRISON MN	19	-35	-23	39	10
25	13.6	28	13.5	20	8.4	MOWER MN	0	-37	-38	24	20
10	14.2	4	5.5	4	5.5	MURRAY MN	-61	0	-61	07	08
15	13.2	12	10.0	15	13.4	NICOLLET MN	-24	34	1	62	61
18	18.3	8	6.7	7	5.7	NOBLES MN	-64	-14	-69	04	09
7	8.8	8	10.9	11	12.9	NORMAN MN	24	18	46	83	57
26	11.1	28	9.9	30	9.9	OLMSTED MN	-11	0	-11	50	31
22	7.4	20	5.8	34	9.8	OTTER TAIL MN	-22	68	32	79	30
7	10.0	4	4.6	4	4.8	PENNINGTON MN	-54	6	-52	12	06
13	11.5	8	7.5	17	14.3	PINE MN	-34	89	24	75	68
6	9.6	12	16.9	12	15.6	PIPESTONE MN	76	-8	62	87	77
29	15.2	18	8.2	16	7.5	POLK MN	-46	-9	-50	13	15
8	10.2	12	13.5	4	5.1	POPE MN	32	-62	-50	13	07
178	11.1	205	11.5	190	10.1	RAMSEY MN	4	-12	-9	52	32
2	6.5	5	14.7	4	12.3	RED LAKE MN	125	-16	89	91	52
16	15.2	14	11.3	13	11.0	REDWOOD MN	-26	-2	-28	33	41
15	11.9	17	12.8	7	5.2	RENVILLE MN	7	-59	-56	10	07
15	8.6	10	5.3	15	7.5	RICE MN	-38	40	-13	48	15
8	15.3	10	16.2	10	15.0	ROCK MN	6	-7	-2	59	73
6	8.5	4	5.7	3	3.5	ROSEAU MN	-34	-38	-59	08	04
142	12.3	110	9.2	142	12.2	ST LOUIS MN	-25	33	-1	60	51
17	19.5	8	7.4	11	9.0	SCOTT MN	-62	21	-54	11	24
4	6.0	10	11.6	7	7.5	SHERBURNE MN	93	-35	25	76	15
7	8.0	8	8.3	6	6.8	SIBLEY MN	3	-18	-15	46	12
28	9.0	29	7.9	34	8.0	STEARNS MN	-13	2	-12	49	18
15	14.2	17	13.4	26	18.1	STEELE MN	-5	35	28	77	87
5	9.0	6	9.9	4	6.8	STEVENS MN	10	-32	-25	36	12
21*	25.7	3	3.3	11	12.9	SWIFT MN	-67	289	-50	14	58
13	9.7	19	13.8	13	9.2	TODD MN	42	-33	-6	56	25
5	10.9	3	6.3	3	4.9	TRAVERSE MN	-42	-23	-55	10	06
11	11.5	9	8.7	11	10.2	WABASHA MN	-25	18	-12	50	33
7	11.5	8	10.9	3	3.4	WADENA MN	-5	-69	-70	03	03
13	14.3	9	10.3	7	7.2	WASECA MN	-28	-29	-50	14	14
18	10.2	33	14.4	37	12.9	WASHINGTON MN	42	-11	27	76	57
11	14.7	16	20.9	5	6.1	WATONWAN MN	43	-71	-58	08	10
5	9.6	4	7.6	8	15.0	WILKIN MN	-21	98	56	86	74
22	11.7	30	14.1	34	14.7	WINONA MN	21	4	25	76	72
20	12.7	17	9.7	19	7.7	WRIGHT MN	-24	-20	-39	22	16
9	10.2	10	10.4	9	8.5	YELLOW MEDICINE MN	2	-19	-17	44	20
886*	18.6	836	14.5	852	12.2	MISSISSIPPI MS	-22	-16	-35		
14*	28.2	10	15.3	17*	18.0	ADAMS MS	-46	18	-36	25	87
24*	23.9	14	13.0	17	13.5	ALCORN MS	-46	4	-43	19	63
4	10.3	3	5.9	6	12.9	AMITE MS	-43	117	25	76	58
12	18.8	12	19.4	4	5.0	ATTALA MS	4	-74	-73	02	06
5	21.5	5	19.6	3	9.4	BENTON MS	-9	-52	-56	10	27
16*	25.4	12	16.4	11	13.3	BOLIVAR MS	-36	-19	-48	15	61
9	13.0	10	16.4	8	10.7	CALHOUN MS	26	-35	-18	43	37
6	20.0	3	8.7	1	2.2	CARROLL MS	-56	-75	-89	00	02
7	15.6	3	5.5	10	16.9	CHICKASAW MS	-65	209	8	66	83
10*	30.7	6	15.9	5	13.5	CHOCTAW MS	-48	-15	-56	10	63
1	5.8	2	14.3	1	6.1	CLAIBORNE MS	145	-57	5	64	10
12	20.9	14*	25.4	6	10.1	CLARKE MS	21	-60	-52	12	32
10*	26.7	5	11.5	6	12.2	CLAY MS	-57	7	-54	11	52
6	10.7	9	14.2	8	12.8	COAHOMA MS	33	-10	20	74	57
13	17.5	12	16.4	4	5.3	COPIAH MS	-6	-68	-70	03	07
6	14.9	7	13.8	6	12.9	COVINGTON MS	-7	-7	-14	48	58
6	14.9	6	10.6	24*	21.2	DE SOTO MS	-29	99	42	82	94
21	18.1	18	12.1	26	14.0	FORREST MS	-33	16	-22	39	67
4	12.8	4	13.4	7	21.6	FRANKLIN MS	5	61	68	88	94
5	15.5	11*	25.6	7	13.8	GEORGE MS	66	-46	-11	51	65
1	6.2	2	5.4	1	2.9	GREENE MS	-13	-47	-53	12	03
7	16.3	13*	29.0	4	6.8	GRENADA MS	78	-76	-58	09	12
7	15.9	7	12.4	11	10.0	HANCOCK MS	-22	-19	-37	24	31
41	14.3	36	9.9	76*	17.5	HARRISON MS	-31	77	22	75	85
45	16.6	56	13.6	59	11.4	HINDS MS	-18	-16	-31	30	44
9	21.8	10	23.3	3	6.7	HOLMES MS	7	-71	-69	03	12
		2	7.3	4	15.6	HUMPHREYS MS		112			77
		2	25.3	1	19.1	ISSAQUENA MS		-24			90
24*	38.3	13	20.1	11	11.8	ITAWAMBA MS	-48	-41	-69	03	48
13	14.5	15	9.3	27	10.0	JACKSON MS	-36	8	-31	29	32
10	24.3	7	13.9	4	8.0	JASPER MS	-43	-42	-67	04	18
3	17.8	1	5.9	4	32.2	JEFFERSON MS	-67	446	81	90	99
3	11.2	3	8.8	4	10.9	JEFFERSON DAVIS MS	-21	24	-3	58	39
36*	25.6	28	14.5	20	9.2	JONES MS	-43	-37	-64	06	25
6	19.5	1	3.1	3	9.5	KEMPER MS	-84	204	-51	13	28
12	20.8	16*	27.7	6	8.9	LAFAYETTE MS	33	-68	-57	09	23
7	15.0	5	9.0	6	8.2	LAMAR MS	-40	-9	-45	17	19
42*	23.9	20	10.0	22	9.6	LAUDERDALE MS	-58	-3	-60	08	29
3	13.3	5	15.9	6	14.3	LAWRENCE MS	20	-10	8	66	68
14	24.6	6	9.1	13	17.1	LEAKE MS	-63	86	-31	30	83
25*	20.4	18	13.1	17	9.4	LEE MS	-36	-29	-54	11	27
16*	22.3	13	17.4	7	7.4	LEFLORE MS	-22	-58	-67	04	14
14	21.6	11	12.4	4	3.4	LINCOLN MS	-43	-72	-84	00	03
8	9.5	14	14.2	16	14.0	LOWNDES MS	49	-2	47	84	66
5	11.0	10	19.1	8	10.8	MADISON MS	73	-43	-2	60	39
10	18.0	18*	24.6	10	12.6	MARION MS	36	-49	-30	30	54
6	21.5	10*	26.2	8	15.6	MARSHALL MS	22	-40	-27	34	77
13	14.1	13	11.7	17	14.1	MONROE MS	-17	21	0	61	67
9	22.8	5	10.7	5	12.3	MONTGOMERY MS	-53	16	-46	16	52
13	19.1	10	12.7	5	5.4	NESHOBA MS	-33	-58	-72	03	07
15	25.4	6	7.9	12	14.4	NEWTON MS	-69	83	-43	19	70
12*	54.4	6	26.3	3	9.9	NOXUBEE MS	-52	-62	-82	01	31
6	15.5	6	10.0	10	18.1	OKTIBBEHA MS	-35	81	17	72	87
8	11.6	13	21.7	9	11.1	PANOLA MS	87	-49	-4	57	42
8	11.7	20*	25.3	18	15.5	PEARL RIVER MS	117	-39	33	79	76
9*	34.9	2	5.9	2	5.4	PERRY MS	-83	-8	-84	00	07
16	19.3	9	8.8	16	14.0	PIKE MS	-55	60	-28	33	66
13	17.6	12	14.4	19*	21.8	PONTOTOC MS	-18	51	24	75	95

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
15	19.4	12	13.5	15	14.4	PRENTISS MS	-30	7	-26	35	70
3	9.5	5	17.9	4	12.2	QUITMAN MS	89	-32	29	78	52
9	12.4	18	18.2	21	12.7	PANKIN MS	47	-30	3	63	56
15*	26.2	13	19.9	10	13.4	SCOTT MS	-24	-32	-49	14	62
2	20.3	2	12.8	3	16.3	SHARKEY MS	-37	28	-19	42	81
13	20.0	8	11.5	11	13.8	SIMPSON MS	-43	20	-31	30	65
7	12.9	12	19.3	10	15.2	SMITH MS	49	-21	18	72	75
2	9.7	3	11.4	4	12.5	STONE MS	17	10	28	77	54
6	11.0	11	15.5	6	8.8	SUNFLOWER MS	41	-43	-20	41	22
5	11.8	7	15.1	9	20.9	TALLAHATCHIE MS	28	38	76	90	93
11*	36.9	6	14.7	3	5.1	TATE MS	-60	-65	-86	00	07
10	15.2	10	14.3	6	6.8	TIPPAH MS	-6	-52	-55	10	12
13	20.5	10	13.9	9	10.6	TISHOMINGO MS	-32	-24	-48	15	37
4	32.7	3	26.3	1	5.8	TUNICA MS	-20	-78	-82	00	09
6	11.3	12	14.4	7	6.7	UNION MS	27	-53	-41	21	12
9	28.0	7	17.2	5	12.4	WALTHALL MS	-39	-28	-56	10	53
10	11.8	15	15.1	18	15.6	WARREN MS	29	3	52	79	77
20*	23.3	19	18.8	18	15.1	WASHINGTON MS	-19	-20	-35	26	74
8	20.9	7	14.5	10	17.7	WAYNE MS	-31	22	-16	45	86
11	26.3	10	18.7	7	13.9	WEBSTER MS	-29	-26	-47	15	65
5	28.4	3	13.4	4	17.0	WILKINSON MS	-53	27	-40	22	83
4	7.8	12	20.6	8	11.7	WINSTON MS	164	-43	50	84	47
7	16.6	6	12.7	6	11.5	YALOBUSHA MS	-24	-9	-31	30	45
11	19.5	15*	25.4	9	13.7	YAZOO MS	30	-46	-30	31	64
3032*	15.8	3296*	15.8	3369*	15.2	MISSOUPI MO	0	-3	-3		
17	14.3	15	12.8	16	14.5	ADAIR MO	-11	14	2	62	70
10	14.2	10	13.1	9	10.8	ANDREW MO	-8	-18	-24	37	38
4	7.0	8	13.2	5	7.4	ATCHISON MO	89	-44	6	65	15
14	11.9	20	15.2	21	15.8	AUDRAIN MO	27	4	33	79	78
8	6.5	20	14.5	28	17.1	BARRY MO	122	18	162	96	84
10	11.1	11	12.8	8	8.7	BARTON MO	15	-32	-22	40	22
18	14.4	16	12.5	11	9.6	BATES MO	-13	-23	-33	28	28
14	18.5	18*	22.5	17	15.4	BENTON MO	21	-32	-17	44	76
7	11.0	6	9.9	9	13.1	BOLLINGER MO	-9	32	19	73	60
24	12.7	23	10.5	41	15.3	BOONE MO	-17	46	20	74	75
93	18.3	79	16.2	80*	17.0	BUCHANAN MO	-11	5	-7	54	83
40*	24.0	28	14.7	40*	19.5	BUTLER MO	-39	33	-18	43	91
11	15.5	14	19.6	19*	24.6	CALDWELL MO	27	25	58	86	96
11	7.7	16	11.5	19	12.9	CALLAWAY MO	50	12	68	88	58
6	11.1	17	20.6	18	15.5	CAMDEN MO	85	-25	39	81	76
20	11.2	21	10.1	40	15.6	CAPE GIRARDEAU MO	-10	55	40	81	77
16	16.5	18	19.9	8	9.9	CARROLL MO	20	-50	-40	22	31
3	12.7	6	24.2	5	18.3	CARTER MO	91	-24	44	82	87
21	16.0	17	11.3	39*	21.6	CASS MO	-30	92	35	80	94
11	14.9	12	14.9	10	11.6	CEDAR MO	0	-22	-22	39	46
22*	24.2	12	15.0	8	10.2	CHARITON MO	-38	-32	-58	09	33
10	13.6	8	10.2	13	13.1	CHRISTIAN MO	-25	28	-4	57	60
6	8.8	5	8.5	10	20.3	CLARK MO	-4	139	131	94	92
22	9.4	45	13.6	63	13.1	CLAY MO	45	-4	39	81	59
13	16.5	14	15.8	13	14.7	CLINTON MO	-4	-7	-11	50	71
12	6.9	20	10.9	35	17.1	COLE MO	59	57	150	95	84
7	7.6	10	11.7	13	15.6	COOPER MO	54	33	105	93	77
12	13.6	18	20.7	12	11.4	CRAWFORD MO	52	-45	-16	45	44
13	19.6	8	12.7	14*	20.1	DADE MO	-35	58	3	63	92
12	16.4	17	20.5	15	16.2	DALLAS MO	25	-21	-2	60	80
28*	33.9	21*	32.1	7	11.9	DAVIESS MO	-5	-63	-65	05	48
8	13.4	10	15.4	13*	20.3	DE KALB MO	15	32	52	85	93
10	16.4	8	10.4	21*	25.0	DENT MO	-37	141	52	85	97
7	11.2	10	17.5	13	18.6	DOUGLAS MO	56	7	67	88	89
29	16.2	43*	23.1	38*	20.0	DUNKLIN MO	43	-14	23	75	92
37	16.7	35	13.7	46	15.0	FRANKLIN MO	-18	9	-10	51	73
10	12.3	13	14.5	20*	19.9	GASCONADE MO	18	37	62	87	92
17	21.6	16*	23.0	10	13.5	GENTRY MO	7	-41	-38	24	62
74	14.1	98	15.2	93	12.7	GREENE MO	8	-17	-10	51	56
12	13.6	14	14.8	10	11.7	GRUNDY MO	9	-21	-14	47	46
13	13.4	10	10.9	10	14.2	HARRISON MO	-19	30	6	65	68
29*	21.6	21	14.7	34*	25.5	HENRY MO	-32	73	18	73	97
12*	33.6	8	19.7	9	14.1	HICKORY MO	-41	-28	-58	06	67
13	18.0	7	11.0	4	6.7	HOLT MO	-39	-39	-63	06	12
10	13.5	7	9.6	12	17.6	HOWARD MO	-29	83	30	78	65
21	16.3	10	7.2	23	14.5	HOWELL MO	-56	101	-11	50	70
6	15.5	2	3.2	5	8.0	IRON MO	-79	148	-48	15	18
253	10.9	399*	16.0	428*	17.7	JACKSON MO	47	11	63	87	86
68	17.0	80*	19.3	57	13.1	JASPER MO	14	-32	-23	38	59
34	15.5	52	17.2	60	13.7	JEFFERSON MO	11	-20	-12	49	64
14	10.6	9	6.9	10	7.4	JOHNSON MO	-35	12	-27	34	17
6	10.9	13*	28.4	6	17.0	KNOX MO	162	-40	57	86	83
11	11.2	17	14.5	21	17.3	LACLEDE MO	30	20	55	86	84
17	11.2	34*	21.9	26	15.6	LAFAYETTE MO	96	-29	39	81	77
21	14.1	23	14.2	22	12.6	LAWRENCE MO	1	-11	-10	51	55
15	21.5	12	16.8	9	13.1	LEWIS MO	-22	-22	-39	23	60
16	15.9	19	18.6	14	12.9	LINCOLN MO	17	-31	-19	42	57
25	18.1	22	16.6	12	10.2	LINN MO	-8	-39	-44	18	33
15	13.8	15	14.9	15	15.1	LIVINGSTON MO	8	1	10	68	74
12	15.6	12	15.1	22*	25.6	MC DONALD MO	-3	69	64	87	97
21	14.0	31*	25.8	14	11.3	MACON MO	84	-56	-19	42	43
15*	26.9	17*	28.0	9	11.1	MADISON MO	4	-60	-59	08	42
9	20.7	4	8.6	8	16.3	MARIES MO	-59	89	-22	40	80
23	14.0	24	14.4	16	10.2	MARION MO	3	-29	-27	34	33
6	13.1	7	18.2	6	15.1	MERCER MO	39	-17	15	71	74
10	11.8	17	19.0	16	16.4	MILLER MO	61	-14	39	81	81
15	22.5	15	19.8	5	6.3	MISSISSIPPI MO	-12	-68	-72	02	10
11	13.9	10	13.7	6	7.4	MONITEAU MO	-1	-46	-46	16	14
7	8.7	13	16.9	10	15.1	MONROE MO	94	-11	73	89	74
21*	25.7	9	10.6	8	11.8	MONTGOMERY MO	-59	11	-54	11	47
10	13.7	11	15.1	14	13.9	MORGAN MO	10	-8	2	62	65
23*	23.2	19	18.0	20	19.2	NEW MADRID MO	-22	7	-17	44	90
33*	21.7	26	15.5	29	14.8	NEWTON MO	-29	-4	-32	29	72

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCEPS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
										%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
31*	21.1	26	18.9	10	8.6	NODAWAY MO	-11	-54	-59	08	21
10	14.7	13	19.4	13	20.7	OREGON MO	32	7	41	81	93
7	10.5	6	9.0	11	14.6	OSAGE MO	-14	62	40	81	71
8	21.5	12*	24.5	12	24.1	OZARK MO	14	-2	12	69	96
18	15.3	28*	24.5	23*	21.3	PEMISCOT MO	61	-13	40	81	94
11	13.6	9	10.8	9	8.6	PERRY MO	-21	-21	-37	24	21
26	14.2	44*	21.9	35	17.2	PETTIS MO	54	-22	20	74	84
13	12.0	21	16.6	19	13.2	PHELPS MO	38	-20	11	68	61
22*	21.9	24*	25.3	12	12.2	PIKE MO	16	-52	-44	18	51
17	18.9	13	12.4	15	10.8	PLATTE MO	-34	-13	-43	19	38
7	6.8	20	17.3	19	15.5	POLK MO	154	-10	128	94	76
9	14.6	17	21.6	25*	25.6	PULASKI MO	48	19	75	89	97
15*	24.9	12	24.8	7	14.2	PUTNAM MO	-1	-43	-43	19	68
12	24.0	17*	30.6	10	18.6	RALLS MO	27	-39	-23	38	88
20	13.0	21	12.7	29*	22.5	RANDOLPH MO	-3	77	73	89	95
11	10.4	11	9.9	10	9.6	RAY MO	-4	-3	-7	55	29
8	21.6	4	9.4	4	8.4	REYNOLDS MO	-57	-10	-61	07	20
17*	27.1	17*	23.3	13	14.0	RIPLEY MO	-14	-40	-49	15	66
24	16.3	36	17.1	66*	19.4	ST CHARLES MO	5	14	19	73	91
11	12.7	14	18.9	9	16.5	ST CLAIR MO	49	-13	30	78	81
6	12.8	9	13.7	6	7.9	STE GENEVIEVE MO	8	-43	-39	23	17
33	17.3	30	14.0	32	14.0	ST FRANCOIS MO	-19	0	-19	42	66
290	16.0	365	12.8	510	14.2	ST LOUIS COUNTY MO	-20	11	-11	50	68
28	19.1	26	16.8	21	14.0	SALINE MO	-12	-17	-27	34	66
5	11.4	6	16.4	4	13.3	SCHUYLER MO	44	-19	17	72	61
10	18.0	8	17.3	7	15.0	SCOTLAND MO	-4	-13	-17	44	74
20	17.4	24	16.6	24	14.6	SCOTT MO	-4	-12	-16	45	71
6	14.1	5	12.6	6	12.7	SHANNON MO	-10	1	-10	52	56
13	16.1	15	23.2	12	24.4	SHELBY MO	44	5	52	85	96
40*	28.3	38*	26.1	25	14.4	STODDARD MO	-8	-45	-49	14	69
9	19.4	7	11.2	10	11.6	STONE MO	-42	3	-40	21	46
15	21.5	22*	31.8	9	14.5	SULLIVAN MO	48	-54	-33	28	70
8	14.2	12	17.4	27*	21.0	TANEY MO	23	21	48	84	93
9	7.8	6	5.5	22	16.8	TEXAS MO	-30	208	115	93	82
13	8.1	19	12.4	20	15.7	VERNON MO	53	26	93	92	78
7	12.2	11	18.5	6	7.0	WARREN MO	52	-62	-42	20	13
12	19.1	14	18.4	17*	21.8	WASHINGTON MO	-4	19	14	70	94
13	24.0	10	17.2	16	19.0	WAYNE MO	-29	11	-21	40	89
12	14.3	13	12.5	14	13.7	WEBSTER MO	-13	10	-4	57	64
5	16.8	4	13.6	4	24.7	WORTH MO	-19	81	47	84	97
17	19.0	13	12.3	17	17.6	WRIGHT MO	-35	43	-7	54	85
630*	19.6	499*	18.5	339*	17.2	ST LOUIS CITY MO	-6	-7	-12	49	84
394	13.1	377	11.7	311	9.1	MONTANA MT	-11	-22	-31		
5	10.8	10	22.8	7	16.9	BEAVERHEAD MT	111	-26	57	86	83
5	14.8	5	15.5	5	16.5	BIG HORN MT	5	6	11	69	81
1	2.1	4	12.0	3	8.1	BLAINE MT	483	-33	293	98	18
6*	38.1	2	13.5	2	10.8	BROADWATER MT	-65	-20	-72	03	38
7	11.2	7	12.2	10	19.1	CARBON MT	9	57	71	89	90
1	5.9	1	7.6	2	17.9	CARTER MT	29	134	202	97	86
39	14.7	39	13.2	29	9.0	CASCADE MT	-10	-31	-39	23	24
2	6.1	3	6.8	2	5.2	CHOUTEAU MT	12	-24	-15	46	07
8	12.1	6	8.0	5	6.6	CUSTER MT	-34	-17	-45	17	11
3	11.0			1	8.8	DANIELS MT			-20	41	22
2	4.8	3	6.7	2	3.7	DAWSON MT	40	-45	-23	38	04
11	11.3	13	13.8	3	4.2	DEER LODGE MT	22	-70	-63	06	04
4	25.3	2	10.0	2	10.8	FALLON MT	-60	8	-57	09	38
13	16.7	12	13.2	12	13.6	FERGUS MT	-21	3	-18	43	63
18	10.2	29	15.5	15	6.7	FLATHEAD MT	53	-57	-34	27	12
8	8.2	10	8.3	6	4.6	GALLATIN MT	1	-45	-44	18	05
1	9.3	1	10.0	1	28.1	GARFIELD MT	8	181	202	97	98
3	9.4	4	12.0	3	11.1	GLACIER MT	28	-7	19	73	42
1	14.1	1	9.9	1	9.3	GOLDEN VALLEY MT	-29	-6	-34	27	26
1	4.6	5	27.2	2	10.4	GRANITE MT	494	-62	127	94	35
7	12.3	8	11.6	7	10.2	HILL MT	-6	-12	-17	44	34
3	12.0	1	4.1	2	8.9	JEFFERSON MT	-66	117	-26	35	23
4	22.7	2	11.8	2	10.7	JUDITH BASIN MT	-48	-10	-53	12	37
6	7.8	8	10.3	7	7.4	LAKE MT	33	-28	-5	57	14
21	17.0	15	11.0	10	6.4	LEWIS AND CLARK MT	-35	-42	-62	06	11
1	8.2			1	8.7	LIBERTY MT			6	65	21
6	11.0	7	12.5	11	16.0	LINCOLN MT	14	28	46	83	79
4	22.5			1	11.8	MC CONE MT			-48	15	48
6	13.6	3	8.1	2	5.9	MADISON MT	-41	-27	-57	09	09
3	17.2	1	6.7	3	21.7	MEAGHER MT	-61	223	26	76	94
1	7.8	1	7.0	3	20.0	MINERAL MT	-11	187	156	95	92
17	10.0	28	13.8	18	7.6	MISSOULA MT	38	-45	-24	37	16
2	4.6	5	17.3	2	6.6	MUSSELSHELL MT	275	-62	42	82	11
10	13.0	11	15.1	6	7.9	PARK#MT	16	-48	-39	23	17
1	22.3			1	18.6	PETROLEUM MT			-16	44	88
2	6.6	3	5.9			PHILLIPS MT	-11				
2	6.7	2	5.5	2	5.0	PONDERA MT	-18	-10	-26	35	06
2	13.1	1	6.7	1	7.6	POWDER RIVER MT	-49	13	-42	20	15
12*	34.6	5	13.0	2	6.1	POWELL MT	-63	-53	-82	01	10
2	18.4	1	5.9	4	32.0	PRAIRIE MT	-68	440	73	89	99
7	10.9	7	8.6	16	15.3	RAVALLI MT	-22	78	40	81	75
13*	29.2	3	5.1	10	17.7	RICHLAND MT	-83	248	-39	22	86
5	14.4	7	14.8	3	7.1	ROOSEVELT MT	3	-52	-50	13	13
1	3.6	3	10.5	3	11.7	ROSEBUD MT	188	12	223	97	47
2	5.5	5	9.5	7	14.3	SANDERS MT	74	50	160	96	68
2	4.3	2	4.5	1	3.1	SHERIDAN MT	4	-31	-28	33	03
50*	20.5	26	11.0	23	11.1	SILVER BOW MT	-46	1	-46	16	42
1	3.4	8	22.4	4	12.9	STILLWATER MT	554	-42	277	98	58
4	18.5	4	23.6			SWEET GRASS MT	28				
4	10.7	2	5.1	4	9.3	TETON MT	-52	83	-13	48	26
3	7.8	6	16.8	1	3.0	TOOLE MT	114	-82	-61	07	03
1	10.5	1	20.2	1	27.0	TREASURE MT	93	33	157	95	98
6	9.4	5	8.9	1	2.1	VALLEY MT	-5	-76	-77	01	02
4	17.0	4	20.7	1	6.0	WHEATLAND MT	22	-71	-65	05	09
1	11.2	2	18.1			WIBAUX MT	62				

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
											%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
39	15.3	33	11.0	38	10.3	YELLOWSTONE	MT	-28	-6	-32	28	34
661	9.8	592	8.1	776	10.1	NEBRASKA	NB	-17	25	3		
9	5.5	15	8.7	19	10.9	ADAMS	NB	58	25	96	92	39
5	7.4	6	10.8	8	16.5	ANTELOPE	NB	46	53	124	94	81
1	26.8					BANNER	NB					
8	13.4	2	4.1	10	19.4	BOONE	NB	-69	371	45	83	90
4	9.4	3	7.7	5	8.0	BOX BUTTE	NB	-18	4	-15	47	18
2	7.2	1	3.6	4	11.0	BOYD	NB	-50	207	53	85	41
3	11.3			2	5.5	BROWN	NB			-51	13	08
11	8.0	8	5.4	16	10.3	BUFFALO	NB	-33	92	28	77	34
4	5.7	5	7.1	7	9.6	BURT	NB	24	36	67	88	28
4	6.3	5	7.3	8	11.4	BUTLER	NB	14	57	79	90	44
5	5.0	5	4.8	11	10.3	CASS	NB	-4	114	106	93	34
6	9.9	2	2.5	7	8.4	CEDAR	NB	-74	232	-15	46	20
3	20.3	1	3.6	1	4.3	CHASE	NB	-82	20	-79	01	05
2	4.8	6	14.8	3	7.4	CHERRY	NB	207	-50	52	85	14
2	3.1	5	8.3	3	5.1	CHEYENNE	NB	165	-38	63	87	07
5	10.6	3	8.6	6	9.5	CLAY	NB	-19	10	-11	50	27
5	7.7	5	6.5	9	12.7	COLFAX	NB	-16	97	66	88	56
5	7.8	5	6.8	10	14.2	CUMING	NB	-13	108	82	90	68
10	9.2	10	9.7	11	10.4	CUSTER	NB	4	8	13	70	35
11	22.7	6	11.5	4	6.7	DAKOTA	NB	-49	-42	-71	03	12
4	8.3	5	10.0	3	5.1	DAWES	NB	21	-50	-39	23	06
13	13.3	5	4.5	11	9.6	DAWSON	NB	-66	115	-28	33	28
		1	5.6	3	12.8	DEUEL	NB		129			57
5	9.3	4	7.7	6	12.9	DIXON	NB	-17	66	39	81	58
12	8.4	13	7.7	26	13.6	DODGE	NB	-9	76	61	87	63
142	11.1	154	11.1	160	11.0	DOUGLAS	NB	0	0	0	61	41
3	14.9			3	13.7	DUNDY	NB			-8	54	64
9	14.2	4	6.1	3	4.5	FILLMORE	NB	-57	-26	-68	04	05
5	10.8	2	9.0	4	8.4	FRANKLIN	NB	-17	-7	-22	39	20
2	6.9	1	3.8	1	5.4	FRONTIER	NB	-46	42	-23	39	07
7	11.1	5	6.5	1	1.0	FURNAS	NB	-41	-85	-91	00	02
13	8.5	8	5.1	17	11.1	GAGE	NB	-40	120	31	78	42
				1	10.2	GARDEN	NB					33
1	7.5	1	3.5	1	8.0	GARFIELD	NB	-53	127	8	66	18
				2	10.3	GOSPER	NB					34
				2*	50.9	GRANT	NB					99
4	14.1			3	10.9	GREELEY	NB			-23	39	40
22	12.5	15	7.3	32	13.9	HALL	NB	-41	90	11	69	65
3	6.0	1	1.5	10	19.6	HAMILTON	NB	-74	1164	227	97	91
1	2.9			1	2.6	HARLAN	NB			-10	52	03
		2	34.3	1	14.3	HAYES	NB		-58			69
3	9.2	2	5.7	1	3.0	HITCHCOCK	NB	-39	-47	-68	04	03
9	11.4	3	3.7	11	13.2	HOLT	NB	-68	258	15	71	60
				8	17.4	HOWARD	NB					85
14	17.8	6	7.7	6	6.9	JEFFERSON	NB	-57	-11	-62	07	12
5	13.3	1	2.2	2	6.3	JOHNSON	NB	-84	191	-53	12	11
2	4.8	2	4.5	4	9.8	KEARNEY	NB	-5	116	105	92	30
3	8.3	1	2.4	4	8.4	KEITH	NB	-71	250	1	62	20
1	14.9	1	8.6			KEYA PAHA	NB	-42				
		2	6.5	3	9.4	KIMBALL	NB		46			27
5	6.7	11	12.2	6	7.2	KNOX	NB	84	-41	8	67	14
44	7.7	49	7.5	79	11.0	LANCASTER	NB	-2	46	42	82	40
12	10.3	10	6.6	9	5.6	LINCOLN	NB	-36	-14	-45	17	08
		1	15.0	1	19.1	LOGAN	NB		28			90
		1	14.9			LOUP	NB					
		1	23.6	2*	532.8	MC PHERSON	NB		2159			99
16	11.0	17	10.4	21	12.8	MADISON	NB	-5	23	16	72	57
3	5.3	2	3.6	6	11.4	MEPRICK	NB	-32	219	115	93	44
5	12.6	8	19.4	3	7.5	MORRILL	NB	54	-61	-40	22	15
4	10.3			3	6.2	NANCE	NB			-40	22	10
6	10.6	7	12.0	6	10.7	NEMAHA	NB	13	-10	2	62	38
6	11.5	6	10.6	3	5.2	NUCKOLLS	NB	-8	-51	-55	10	07
13	12.4	11	11.5	9	8.3	OTOE	NB	-7	-28	-33	27	19
5	11.0	7	18.6	3	7.7	PAWNEE	NB	70	-59	-30	31	16
2	9.9	3	12.5	3	11.8	PERKINS	NB	27	-6	20	74	48
11	21.5	3	4.8	3	4.4	PHELPS	NB	-78	-9	-80	01	05
5	11.7	5	9.1	5	10.1	PIERCE	NB	-22	11	-13	48	32
11	10.8	12	10.4	9	6.8	PLATTE	NB	-4	-35	-37	24	12
7	13.7	5	10.4	3	5.0	POLK	NB	-24	-52	-64	06	06
10	15.9	5	7.7	7	9.4	RED WILLOW	NB	-51	21	-41	21	26
10	10.7	5	5.4	6	6.1	RICHARDSON	NB	-50	12	-43	19	10
1	6.5	2	13.3	2	10.2	ROCK	NB	106	-24	57	86	33
6	6.5	13	14.0	17	15.9	SALINE	NB	117	13	147	95	79
5	6.8	6	5.7	12	11.8	SARPY	NB	-16	105	72	89	47
9	9.5	6	5.4	13	11.4	SAUNDERS	NB	-43	110	19	73	44
13	10.1	16	10.1	16	8.7	SCOTTS BLUFF	NB	0	-14	-14	47	22
10	12.9	6	7.8	7	8.7	SEWARD	NB	-39	12	-32	29	22
5	10.9	3	5.5	8	17.2	SHERIDAN	NB	-50	215	59	86	84
6	15.6	3	8.2	1	2.8	SHERMAN	NB	-48	-66	-82	00	03
1	7.6	4	36.8	1	8.4	SIOUX	NB	386	-77	11	68	20
2	5.8	3	9.0			STANTON	NB	57				
8	14.5	4	6.0	5	8.8	THAYER	NB	-58	46	-39	23	23
3	11.2	2	7.3	8	23.5	THURSTON	NB	-35	221	110	93	96
2	5.5	8	17.2	4	9.4	VALLEY	NB	213	-45	72	89	27
5	7.7	7	9.4	7	9.2	WASHINGTON	NB	22	-2	19	73	25
3	5.6	2	3.7	8	15.1	WAYNE	NB	-34	309	169	96	74
7	16.1	3	5.9	3	7.2	WEBSTER	NB	-63	22	-55	10	14
1	10.0					WHEELER	NB					
11	12.9	3	3.9	3	3.6	YORK	NB	-70	-10	-73	02	04
158*	18.5	188	13.3	360*	14.9	NEVADA	NV	-28	12	-19		
9	24.7	7	15.6	6	9.5	CHURCHILL	NV	-37	-39	-62	07	28
42	15.0	92	15.3	191*	14.8	CLARK	NV	1	-3	-2	60	72
1	5.9	2	20.4	7	20.2	DOUGLAS	NV	247	-1	243	98	92
8	16.9	8	13.4	15*	26.2	ELKO	NV	-21	97	55	86	97

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		1	19.2	2*	93.2	ESMERALDA	NV		385			99
1	14.5	1	13.8	1	12.0	EUREKA	NV	-5	-13	-18	43	49
3	9.2	5	17.3	8	30.8	HUMBOLDT	NV	87	78	233	98	98
3	27.6	2	18.6	2	12.5	LANDER	NV	-32	-33	-55	11	54
6*	40.5	3	19.5	1	4.5	LINCOLN	NV	-52	-77	-89	00	05
8*	33.7	3	9.4	4	7.6	LYON	NV	-72	-18	-77	01	16
6	32.0	4	13.6	6	21.3	MINERAL	NV	-58	57	-34	27	94
8*	34.8	3	10.7	5	16.8	NYE	NV	-69	57	-52	13	82
5	32.5	3	13.6	3	15.8	PERSHING	NV	-58	17	-51	13	78
				1	15.3	STOREY	NV					75
49	17.4	47	11.0	89	13.6	WASHOE	NV	-37	24	-22	39	63
7	17.3	5	10.5	2	4.9	WHITE PINE	NV	-39	-53	-72	03	06
2	7.7	2	4.9	17	17.0	ORMSBY-CARSON CITY	NV	-35	245	122	94	83
415	15.1	430	13.9	493	13.3	NEW HAMPSHIRE	NH	-8	-4	-12		
18	12.5	21	14.0	23	11.6	BELKNAP	NH	12	-17	-7	55	46
12	12.0	14	12.2	20	13.8	CARROLL	NH	1	13	15	71	64
34	17.2	22	10.0	27	10.4	CHESHIRE	NH	-42	4	-40	22	35
25	14.2	23	12.3	24	12.3	COOS	NH	-14	0	-13	48	52
19	7.6	33	13.1	45	15.7	GRAFTON	NH	72	20	107	93	78
132	18.1	123	14.2	144	14.0	HILLSBOROUGH	NH	-22	-1	-23	39	67
45	12.3	59	15.1	56	12.8	MERRIMACK	NH	23	-16	4	63	57
57	14.2	70	14.1	96	14.5	ROCKINGHAM	NH	0	3	2	62	70
53*	22.4	52*	19.5	37	11.8	STRAFFORD	NH	-13	-39	-47	15	48
20	14.9	13	8.7	21	11.6	SULLIVAN	NH	-42	34	-22	39	46
3556*	16.2	3759	14.1	3516	11.6	NEW JERSEY	NJ	-13	-17	-28		
128*	19.0	121	14.3	104	11.1	ATLANTIC	NJ	-24	-23	-42	21	41
365	14.3	413	12.2	440	11.0	BERGEN	NJ	-14	-10	-23	38	41
65	12.3	99	13.4	121	11.7	BURLINGTON	NJ	9	-13	-4	57	47
207	15.3	226	14.1	214	12.4	CAMDEN	NJ	-8	-12	-18	43	54
48	18.6	40	11.4	60	12.3	CAPE MAY	NJ	-39	8	-34	27	52
55	13.6	53	12.1	77	15.0	CUMBERLAND	NJ	-11	24	11	68	74
641*	17.6	541	14.7	352	10.9	ESSEX	NJ	-16	-26	-38	23	39
58	13.9	80	14.7	74	11.6	GLOUCESTER	NJ	6	-21	-16	44	46
556*	20.1	556*	19.6	380*	14.3	HUDSON	NJ	-2	-27	-29	32	69
32	12.9	28	9.1	29	9.1	HUNTERDON	NJ	-30	0	-29	32	24
168*	16.8	132	11.6	129	10.9	MERCER	NJ	-31	-6	-35	26	40
214*	18.2	244	15.5	237	10.9	MIDDLESEX	NJ	-15	-30	-40	22	39
146	12.6	195	12.4	240	12.1	MONMOUTH	NJ	-1	-2	-4	58	51
124	14.4	129	11.0	123	8.6	MORRIS	NJ	-23	-22	-40	22	21
73	17.0	131	14.4	235	12.3	OCEAN	NJ	-15	-14	-27	34	53
265	15.9	272	14.1	238	12.1	PASSAIC	NJ	-12	-14	-24	37	50
27	13.5	26	12.1	23	9.1	SALEM	NJ	-10	-25	-33	28	24
64	13.5	88	13.3	90	11.0	SOMERSET	NJ	-1	-18	-18	43	41
22	11.0	35	13.2	36	9.3	SUSSEX	NJ	20	-30	-16	45	26
260	15.4	306	14.4	271	11.7	UNION	NJ	-7	-19	-24	37	47
38	12.7	44	13.0	43	11.3	WARREN	NJ	3	-13	-11	50	43
329	14.8	443	15.2	505	13.3	NEW MEXICO	NM	3	-13	-10		
60	13.1	128	16.2	169	15.1	BERNALILLO	NM	24	-7	15	71	74
3	19.8	3	22.6	5*	37.9	CATRON	NM	14	68	91	91	99
17	14.8	28	16.8	28	12.6	CHAVES	NM	14	-25	-15	46	55
13	18.0	14	19.6	9	12.6	COLFAX	NM	9	-36	-30	31	55
9	10.8	10	9.2	14	10.1	CURRY	NM	-15	10	-6	55	32
3	17.4					DE BACA	NM					
16	13.3	22	12.9	38	16.5	DONA ANA	NM	-3	28	24	76	81
19	14.5	17	11.9	22	11.7	EDDY	NM	-18	-2	-19	42	47
15	25.4	12	17.6	13	13.2	GRANT	NM	-31	-25	-48	15	61
2	5.6	1	4.8	4	18.6	GUADALUPE	NM	-14	287	232	98	88
3	25.5	2	13.2			HARDING	NM	-48				
1	4.4	4	26.4	5	24.2	HIDALGO	NM	502	-8	453	99	96
14	19.2	11	8.7	17	8.9	LEA	NM	-54	3	-53	12	23
3	9.7	5	15.0	4	10.4	LINCOLN	NM	54	-30	7	66	35
1	6.6	1	.9	5	7.4	LOS ALAMOS	NM	-86	691	12	69	15
4	10.4	12*	25.6	10	15.3	LUNA	NM	146	-40	47	84	76
7	17.0	8	22.3	3	4.3	MC KINLEY	NM	31	-81	-75	02	05
5	16.2	4	12.8	2	6.4	MORA	NM	-21	-50	-61	07	11
5	10.0	13	14.6	13	13.0	OTERO	NM	46	-11	29	78	59
12	20.8	14*	22.8	8	13.2	QUAY	NM	9	-42	-37	25	61
13	16.9	10	12.7	8	12.6	RIO ARRIBA	NM	-25	0	-25	35	55
8	11.9	15	19.5	11	14.7	ROOSEVELT	NM	65	-25	24	75	72
5	15.8	5	12.2	4	5.7	SANDOVAL	NM	-23	-53	-64	06	08
10	18.3	10	12.3	21	18.1	SAN JUAN	NM	-33	47	-1	60	87
21	20.9	15	13.4	19*	20.6	SAN MIGUEL	NM	-36	54	-2	59	93
14	11.2	27	15.3	24	11.1	SANTA FE	NM	38	-28	-1	60	42
11	16.9	8	13.4	15	19.1	SIERRA	NM	-21	43	13	70	90
2	5.2	9	24.4	5	11.0	SOCORRO	NM	370	-55	112	93	40
5	7.8	11	20.0	6	11.0	TAOS	NM	155	-45	41	81	41
6	21.7	7	24.0	4	13.4	TORRANCE	NM	10	-44	-38	23	62
11*	31.9	6	16.3	3	13.4	UNION	NM	-49	-18	-58	09	62
11	16.9	11	10.7	16	10.7	VALENCIA	NM	-36	-1	-37	25	37
10176*	14.7	10941*	14.4	9274	12.1	NEW YORK	NY	-2	-16	-18		
179	14.5	211*	15.7	206*	15.1	ALBANY	NY	9	-4	4	64	74
21	9.5	23	10.5	21	9.3	ALLEGANY	NY	10	-11	-2	59	26
1066*	17.5	910	14.4	705*	14.2	BRONX	NY	-18	-2	-19	42	68
88	10.1	85	8.7	91	9.1	BROOME	NY	-13	4	-9	52	25
44	11.7	27	6.7	35	8.6	CATTARAUGUS	NY	-42	27	-27	34	21
45	11.8	50	13.0	27	7.1	CAYUGA	NY	11	-46	-40	22	13
73	9.6	59	7.8	70	9.1	CHAUTAUQUA	NY	-19	16	-6	56	24
44	10.6	61	14.2	26	5.8	CHEMUNG	NY	34	-59	-45	17	09
35	16.7	15	6.7	11	4.7	CHENANGO	NY	-60	-29	-72	03	06
34	13.8	24	10.4	35	13.4	CLINTON	NY	-25	30	-3	59	62
30	10.9	34	12.2	42	13.0	COLUMBIA	NY	12	7	20	74	59
17	9.4	23	11.7	24	12.1	CORTLAND	NY	24	3	28	77	50

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
22	9.4	20	8.3	20	7.9	DELAWARE	NY	-12	-5	-16	45	17
95	12.2	104	11.6	112	11.1	DUTCHESS	NY	-5	-4	-9	52	42
449	10.8	516	11.2	457	10.0	ERIE	NY	4	-11	-8	54	31
24	13.5	23	12.8	16	8.4	ESSEX	NY	-5	-35	-38	23	20
18	8.5	16	7.6	31	15.3	FRANKLIN	NY	-10	100	80	90	75
31	10.7	32	11.0	31	10.2	FULTON	NY	3	-7	-5	57	33
23	9.9	22	8.6	16	5.9	GENESEE	NY	-14	-31	-41	21	09
23	12.9	23	11.1	32	14.7	GREENE	NY	-13	32	14	71	71
2	7.7	3	10.1	6	21.0	HAMILTON	NY	31	108	174	96	93
46	12.9	36	10.1	34	9.3	HERKIMER	NY	-22	-8	-28	33	26
37	8.3	58	12.9	41	9.4	JEFFERSON	NY	56	-27	14	70	27
1945*	17.2	1494	13.4	1353*	14.0	KINGS(BROOKLYN)	NY	-22	4	-19	43	66
13	10.6	8	7.2	16	13.5	LEWIS	NY	-32	88	28	77	63
13	6.4	23	10.3	20	8.4	LIVINGSTON	NY	62	-18	32	79	20
24	10.2	24	9.7	30	11.5	MADISON	NY	-5	18	13	70	44
305	11.9	314	11.5	327	11.4	MONROE	NY	-3	-2	-4	57	44
42	12.8	54	16.3	41	12.6	MONTGOMERY	NY	28	-22	-1	60	55
443	14.5	735*	15.5	665	11.8	NASSAU	NY	6	-24	-19	42	48
1708*	21.3	2342*	31.4	894*	15.1	NEW YORK(MANHATTAN)	NY	48	-52	-29	32	74
91	10.7	92	9.3	100	9.7	NIAGARA	NY	-13	4	-10	52	29
138	11.9	119	9.4	106	8.3	ONEIDA	NY	-21	-12	-30	31	19
243	15.4	262	14.4	255	13.4	ONONDAGA	NY	-6	-7	-13	48	62
25	7.2	14	4.0	39	9.8	ONTARIO	NY	-45	146	36	60	30
102	12.1	125	13.4	117	11.2	ORANGE	NY	11	-16	-7	54	43
20	12.0	21	12.4	8	4.5	ORLEANS	NY	4	-64	-62	06	05
34	8.1	38	8.9	52	11.5	OSWEGO	NY	10	29	42	82	45
31	10.5	27	9.1	33	10.8	OTSEGO	NY	-13	18	2	62	38
18	14.5	32	17.0	35	13.0	PUTNAM	NY	17	-23	-10	51	59
1085*	15.2	1139	12.6	1158	12.4	QUEENS	NY	-17	-2	-18	43	53
83	12.5	87	12.5	93	13.1	RENSSELAER	NY	-1	5	5	64	60
143	15.7	158	14.7	156	12.1	RICHMOND	NY	-6	-18	-23	38	51
62	14.4	73	12.5	105	13.4	ROCKLAND	NY	-14	7	-7	55	62
49	10.3	47	9.6	48	10.1	ST LAWRENCE	NY	-7	5	-2	59	32
37	9.2	51	11.7	61	11.6	SARATOGA	NY	27	-1	26	76	46
85	11.4	87	11.2	94	11.9	SCHENECTADY	NY	-2	6	4	63	48
20	15.5	12	8.7	13	8.7	SCHOHARIE	NY	-44	0	-44	18	22
14	18.6	9	11.4	6	7.1	SCHUYLER	NY	-39	-37	-62	07	13
20	11.1	17	9.9	22	12.1	SENECA	NY	-11	23	10	68	51
44	8.7	43	8.6	50	9.7	STEUBEN	NY	-1	13	12	69	29
223	11.7	350	11.0	542	12.7	SUFFOLK	NY	-6	15	8	67	56
37	14.2	38	12.7	32	9.1	SULLIVAN	NY	-10	-28	-36	25	24
18	10.9	21	12.7	19	10.8	TIOGA	NY	17	-15	0	61	39
24	10.2	24	10.0	30	11.4	TOMPKINS	NY	-2	15	12	69	44
71	13.0	81	12.8	115*	16.1	ULSTER	NY	-2	26	24	75	80
35	15.9	30	13.6	22	8.6	WARREN	NY	-14	-37	-46	16	21
16	6.2	33	13.7	32	12.7	WASHINGTON	NY	119	-7	103	92	56
25	7.7	38	11.1	32	9.0	WAYNE	NY	44	-18	17	72	24
416	14.2	485	13.3	448	11.3	WESTCHESTER	NY	-7	-15	-21	41	44
16	9.1	14	7.7	9	5.0	WYOMING	NY	-15	-35	-45	17	06
12	10.8	5	4.4	7	6.0	YATES	NY	-59	37	-44	19	10
1134	10.6	2103*	15.2	2617*	14.9	NORTH CAROLINA	NC	44	-2	41		
18	8.7	51*	19.2	58	16.1	ALAMANCE	NC	121	-17	84	91	79
3	5.0	11	16.4	15	17.2	ALEXANDER	NC	229	5	246	98	84
5	12.7	3	7.2	5	10.0	ALLEGHANY	NC	-44	40	-21	40	32
9	17.1	7	10.9	14	20.3	ANSON	NC	-36	86	19	73	93
14	16.1	11	11.2	7	5.7	ASHE	NC	-30	-49	-64	05	08
1	2.1	5	9.2	11	17.3	AVERY	NC	340	88	728	99	84
13	14.7	23*	20.8	24	18.6	BEAUFORT	NC	41	-10	26	76	88
3	6.1	12*	24.0	5	9.8	BERTIE	NC	291	-59	60	87	30
6	11.7	13	18.4	13	15.8	BLADEN	NC	57	-14	35	80	78
5	10.5	9	13.4	18	16.5	BRUNSWICK	NC	27	23	56	86	81
51	11.5	68	11.9	91	12.9	BUNCOMBE	NC	4	8	12	69	58
12	7.9	23	12.0	27	10.9	BURKE	NC	52	-9	38	81	39
26	15.4	36	14.0	49	15.3	CABARRUS	NC	-9	10	0	61	76
10	7.0	24	14.7	21	9.3	CALDWELL	NC	111	-37	33	79	26
2	11.6	6*	31.9	3	17.3	CAMDEN	NC	175	-46	50	84	84
9	11.3	24*	22.9	31*	20.2	CARTERET	NC	102	-12	78	90	92
2	3.8	9	18.3	5	8.7	CASWELL	NC	379	-52	129	94	22
22	11.1	31	11.7	41	11.8	CATAWBA	NC	5	1	6	65	48
6	7.8	11	12.3	11	9.8	CHATHAM	NC	57	-21	25	76	30
6	7.9	7	8.3	14	13.8	CHEROKEE	NC	5	66	75	89	65
2	6.8	8*	28.8	4	9.8	CHOWAN	NC	324	-66	44	83	30
3	11.4	3	9.3	1	2.7	CLAY	NC	-18	-71	-76	02	03
11	8.7	23	10.7	24	8.6	CLEVELAND	NC	24	-19	0	60	21
10	8.0	13	10.3	27*	17.5	COLUMBUS	NC	29	70	119	93	85
11	14.7	21	20.5	30*	19.8	CRAVEN	NC	39	-3	34	79	91
19	9.5	30	12.9	61*	17.7	CUMBERLAND	NC	37	37	87	91	85
2	8.1	7	29.5	6	22.3	CURRITUCK	NC	266	-25	176	96	95
1	3.7	5	14.5	8	12.4	DARE	NC	289	-14	235	98	54
17	8.0	46	17.3	59	14.3	DAVIDSON	NC	116	-18	78	90	68
2	3.7	10	14.4	15	17.3	DAVIE	NC	289	20	368	99	84
7	8.4	18	17.7	16	13.2	DUPLIN	NC	111	-25	57	86	61
21	8.9	52	16.5	68*	17.9	DURHAM	NC	85	9	102	92	86
5	5.1	25*	22.7	24*	19.2	EDGECOMBE	NC	349	-16	279	98	90
41	11.0	73	13.7	105	15.1	FORSYTH	NC	24	10	37	80	74
4	7.2	15	20.3	10	11.5	FRANKLIN	NC	183	-43	61	87	45
31	10.2	75*	17.7	85	15.8	GASTON	NC	73	-11	54	85	78
2	7.7	5	21.5	3	11.2	GATES	NC	179	-48	45	83	43
6	22.9	5	16.2	5	14.6	GRAHAM	NC	-29	-10	-36	25	71
9	12.0	4	4.8	7	7.4	GRANVILLE	NC	-60	55	-38	23	14
3	13.4	4	11.5	8	20.5	GREENE	NC	-14	79	53	85	93
63	12.7	114	15.6	141	15.1	GUILFORD	NC	22	-3	19	73	74
9	8.0	21	16.3	37*	25.0	HALIFAX	NC	104	53	213	97	97
9	7.3	21	15.2	20	11.6	HARNETT	NC	108	-24	58	86	45
9	6.1	18	9.9	31	13.4	HAYWOOD	NC	63	36	121	94	62
12	8.0	23	11.2	21	6.7	HENDERSON	NC	39	-40	-16	44	12
7	16.1	6	14.1	2	5.0	HERTFORD	NC	-13	-65	-69	04	06
		5	17.2	4	11.4	HOKE	NC		-34			44

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
											%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
2	10.7	5	24.2	3	12.4	HYDE	NC	126	-49	16	72	54
18	8.8	28	12.1	40	14.0	IREDELL	NC	37	15	59	86	66
9	12.4	5	6.2	6	5.8	JACKSON	NC	-50	-6	-53	12	09
23	13.0	36	17.0	36	15.9	JOHNSTON	NC	31	-6	22	74	79
5	22.3	6	27.3	6	23.6	JONES	NC	23	-14	6	65	96
5	7.4	12	14.4	12	11.9	LEE	NC	93	-17	61	87	49
15	15.0	26*	26.8	25	18.9	LENOIR	NC	78	-30	25	76	89
8	11.7	23*	22.0	28*	19.3	LINCOLN	NC	88	-12	65	88	90
11	11.8	12	11.0	14	10.3	MC DOWELL	NC	-6	-7	-13	48	34
1	1.9	11	13.4	12	10.4	MACON	NC	602	-22	446	99	35
9	11.7	13	15.0	18	19.3	MADISON	NC	28	29	66	88	90
9	19.6	15*	32.0	12	17.9	MARTIN	NC	64	-44	-8	53	86
54	10.2	114	15.6	129	12.7	MECKLENBURG	NC	53	-19	25	76	56
4	6.1	8	12.0	13	16.1	MITCHELL	NC	97	35	166	96	80
9	15.0	10	17.4	10	12.9	MONTGOMERY	NC	16	-26	-14	48	58
11	12.5	22	18.2	20	10.8	MOORE	NC	46	-41	-13	48	38
15	12.6	22	14.4	38*	20.7	NASH	NC	14	44	64	87	93
21	11.4	56*	24.2	43	15.1	NEW HANOVER	NC	113	-38	33	79	74
3	6.1	8	15.6	4	7.2	NORTHAMPTON	NC	158	-54	19	73	14
8	10.1	19	22.3	38*	23.7	ONSLOW	NC	122	6	136	94	96
11	14.8	16	13.8	25	15.1	ORANGE	NC	-6	9	3	63	74
5	17.1	8	22.9	3	7.2	PAMLICO	NC	34	-69	-58	08	13
9	16.0	11	15.1	18*	24.1	PASQUOTANK	NC	-6	60	51	85	96
5	15.9	12*	23.1	9	14.3	PENDER	NC	45	-38	-10	51	69
2	9.2	3	9.8	2	6.5	PERQUIMANS	NC	6	-33	-30	31	11
8	15.0	11	16.4	18*	22.9	PERSON	NC	9	40	52	85	95
9	11.5	28*	18.0	25	14.3	PITT	NC	56	-21	24	75	68
6	11.9	5	8.0	12	14.1	POLK	NC	-32	76	19	73	67
17	8.9	34	13.9	43	12.6	RANDOLPH	NC	56	-10	41	82	55
12	14.7	32*	28.3	24	18.7	RICHMOND	NC	93	-34	28	77	89
10	7.7	22	17.2	30*	17.6	ROBESON	NC	122	3	128	94	85
25	12.4	35	15.2	37	12.7	ROCKINGHAM	NC	23	-17	2	62	56
25	10.6	34	10.6	43	11.0	ROWAN	NC	0	4	4	63	40
13	9.6	19	10.5	36	16.1	RUTHERFORD	NC	9	54	68	88	80
15	12.8	18	13.9	35*	23.4	SAMPSON	NC	9	68	83	90	96
4	6.5	11	21.7	12	17.6	SCOTLAND	NC	235	-19	171	96	85
5	4.0	19	12.0	25	13.3	STANLY	NC	196	11	229	98	61
13	16.8	9	10.5	14	12.8	STOKES	NC	-38	22	-24	37	57
14	8.3	42*	19.8	54*	22.2	SURRY	NC	138	12	168	96	95
5	15.4	7	20.1	6	14.9	SWAIN	NC	31	-26	-3	58	73
7	12.5	3	4.6	9	9.5	TRANSYLVANIA	NC	-63	106	-24	37	28
1	6.1	3	20.3	2	11.9	TYRRELL	NC	233	-41	95	92	49
18	16.1	17	11.9	37	18.8	UNION	NC	-26	58	16	72	89
4	6.0	22*	28.7	27*	32.3	VANCE	NC	360	12	440	99	99
39	11.6	67	13.0	129*	20.3	WAKE	NC	12	56	75	89	93
6	18.3	8	23.2	7	17.9	WARREN	NC	27	-23	-2	59	86
4	12.6	10*	27.9	9	22.9	WASHINGTON	NC	122	-18	82	90	95
2	2.6	5	6.0	12	11.1	WATAUGA	NC	132	85	329	99	42
16	12.0	34*	18.9	38	17.6	WAYNE	NC	57	-7	47	84	85
16	10.8	21	12.9	33	14.8	WILKES	NC	20	14	37	80	72
17	16.2	27*	25.2	25	16.9	WILSON	NC	55	-33	4	63	82
8	10.3	17	17.0	19	14.9	YADKIN	NC	64	-12	44	83	73
4	6.2	8	11.9	7	9.2	YANCEY	NC	91	-22	49	84	26
281	9.9	278	9.2	286	8.8	NORTH DAKOTA	ND	-7	-4	-10		
1	2.6	5	20.7	1	4.9	ADAMS	ND	702	-76	90	91	06
4	4.8	7	7.4	7	7.0	BARNES	ND	53	-5	46	83	13
5	10.5	5	10.8	2	5.8	BENSON	ND	3	-46	-45	18	09
5	8.3	5	7.9	5	7.5	BOTTINEAU	ND	-5	-5	-10	52	15
1	5.6	4	21.4	1	4.8	BOWMAN	ND	281	-77	-14	47	06
7	18.2	4	13.8	4	12.4	BURKE	ND	-25	-10	-32	29	54
21	19.6	17	13.4	7	3.9	BURLEIGH	ND	-31	-71	-80	01	04
19	7.3	24	7.8	33	10.0	CASS	ND	6	28	36	80	31
8	13.4	6	11.1	8	14.0	CAVALIER	ND	-17	26	4	63	66
2	4.3	4	8.8	5	9.9	DICKEY	ND	108	12	133	94	31
3	7.8	3	10.1	1	2.4	DIVIDE	ND	29	-76	-69	03	03
4	21.7			3	11.8	DUNN	ND			-45	17	48
4	15.0	5	17.8	3	9.9	EDDY	ND	19	-45	-34	27	30
4	9.1	4	13.6	7	23.5	EMMONS	ND	50	72	158	96	96
9*	35.2	3	10.3	3	11.0	FOSTER	ND	-71	7	-69	04	40
1	5.6	2	13.8			GOLDEN VALLEY	ND	149				
8	4.4	18	8.9	23	10.9	GRAND FORKS	ND	103	22	147	95	39
1	4.3	4	16.0	2	10.0	GRANT	ND	274	-38	133	94	31
1	3.5	2	5.5	1	2.6	GRIGGS	ND	58	-53	-26	35	03
2	8.2	1	4.4	2	8.6	HETTINGER	ND	-47	96	4	64	21
1	4.3			3	12.2	KIDDER	ND			186	97	51
4	11.1	6	13.7	3	5.6	LA MOURE	ND	24	-59	-50	14	08
2	9.6	3	12.7	5*	257.7	LOGAN	ND	32	1932	2576	99	99
6	10.2	5	8.6	9	14.9	MC HENRY	ND	-16	74	47	84	73
7	23.5	4	10.4	1	1.8	MC INTOSH	ND	-56	-82	-92	00	02
2	4.6	5	14.8	3	10.0	MC KENZIE	ND	220	-33	116	93	31
10	14.2	8	11.7	3	4.6	MC LEAN	ND	-18	-61	-68	04	05
3	10.8	6	22.4	3	9.8	MERCER	ND	107	-56	-10	51	30
10	11.5	4	5.0	10	9.7	MORTON	ND	-57	96	-16	45	29
6	10.0	3	6.4	4	9.7	MOUNTRAIL	ND	-36	50	-4	58	29
7	16.1	4	7.1	5	11.0	NELSON	ND	-56	55	-32	29	41
3	40.6					OLIVER	ND					
5	6.9	6	8.7	5	5.7	PEMBINA	ND	27	-34	-16	44	09
1	3.5	5	14.0	4	10.2	PIERCE	ND	302	-27	193	97	33
6	8.6	10	14.4	10	12.4	RAMSEY	ND	68	-14	45	83	53
5	8.8	3	4.6	8	14.6	RANSOM	ND	-48	217	65	88	71
2	7.4	1	3.9	3	11.0	RENVILLE	ND	-48	183	47	84	40
8	9.4	8	8.4	11	10.9	RICHLAND	ND	-11	30	16	72	40
2	6.4	1	3.2	4	12.7	ROLETTE	ND	-51	300	98	92	56
7	19.0	5	13.9	3	9.2	SARGENT	ND	-27	-34	-52	13	25
2	11.4			2	9.2	SHERIDAN	ND			-20	42	25
1	16.7	1	10.9	1	12.8	SIOUX	ND	-35	18	-23	38	57
1	12.3	1	18.9			SLOPE	ND	54				
12	17.5	6	7.8	7	8.0	STARK	ND	-56	2	-55	11	17

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	13.6	1	4.2	1	4.2	STEELE ND	-69	-1	-69	03	04
6	4.8	11	8.4	10	7.3	STUTSMAN ND	75	-13	53	85	14
4	13.8	1	8.6	5	15.5	TOWNER ND	-38	81	12	69	77
9	15.4	8	11.3	9	11.1	TRAILL ND	-27	-2	-28	32	41
8	8.7	5	4.6	9	8.5	WALSH ND	-47	84	-3	58	20
14	8.2	18	9.3	21	10.1	WARD ND	14	9	24	75	33
3	5.8	8	15.1	1	1.5	WELLS ND	162	-90	-74	02	02
12	11.1	8	7.9	5	4.7	WILLIAMS ND	-29	-40	-37	09	06
5424*	15.1	5171	12.9	4846	11.3	OHIO OH	-15	-12	-25		
22	18.4	10	7.0	9	6.6	ADAMS OH	-62	-5	-64	06	11
84*	20.5	48	10.9	51	10.9	ALLEN OH	-47	1	-47	16	39
27	14.7	16	8.3	20	9.6	ASHLAND OH	-44	16	-35	26	28
74	18.2	58	13.6	48	10.2	ASHTABULA OH	-25	-25	-44	18	33
35	15.2	18	8.3	27	13.1	ATHENS OH	-45	57	-14	47	60
24	14.3	17	9.9	21	10.9	AUGLAIZE OH	-31	10	-24	37	39
57	12.4	73	15.6	65	14.5	BELMONT OH	26	-7	17	72	70
16	12.3	16	11.3	18	12.1	BROWN OH	-8	7	-2	60	50
59	10.1	101	13.6	83	9.8	BUTLER OH	35	-28	-3	58	29
12	11.9	14	13.1	9	7.6	CARROLL OH	10	-42	-36	25	16
16	11.7	16	11.5	14	9.7	CHAMPAIGN OH	-2	-16	-17	44	29
64	13.6	80	14.3	61	9.8	CLARK OH	5	-31	-28	33	30
30	12.8	35	11.9	41	11.3	CLERMONT OH	-7	-5	-12	50	43
15	10.8	16	10.9	18	11.7	CLINTON OH	0	8	8	66	47
52	11.0	73	14.2	73	13.5	COLUMBIANA OH	29	-5	23	75	63
29	18.1	17	10.2	18	10.3	COSHOCTON OH	-44	2	-43	19	34
46*	22.2	22	9.9	17	7.5	CRAWFORD OH	-56	-23	-66	05	15
969*	16.6	939*	14.7	751	11.7	CUYAHOGA OH	-11	-20	-29	32	47
25	10.9	19	8.1	37	14.5	DARKE OH	-25	79	34	79	70
15	11.5	9	6.4	17	11.5	DEFIANCE OH	-44	80	0	61	44
20	12.3	23	13.8	24	12.9	DELAWARE OH	12	-6	5	64	58
59*	20.8	65*	21.5	44	12.9	ERIE OH	4	-40	-38	24	58
21	7.5	31	9.7	39	10.5	FAIRFIELD OH	29	8	40	81	36
19	15.3	16	12.6	16	12.2	FAYETTE OH	-18	-4	-21	41	51
271	13.3	307	13.3	361	13.9	FRANKLIN OH	0	4	5	64	66
10	7.4	11	7.7	12	7.7	FULTON OH	4	0	4	64	16
16	13.5	20	16.3	27*	20.2	GALLIA OH	21	24	50	84	92
12	9.4	11	6.1	20	9.0	GEAUGA OH	-35	47	-4	57	23
33	15.0	31	11.8	24	6.3	GREENE OH	-21	-47	-58	08	10
44	18.2	29	11.6	30	13.6	GUERNSEY OH	-36	18	-25	36	63
476*	16.0	428	13.0	431	13.0	HAMILTON OH	-18	0	-18	43	59
40	16.5	40	15.7	20	7.3	HANCOCK OH	-5	-54	-56	10	14
32*	20.9	19	12.8	15	10.4	HARDIN OH	-39	-19	-50	13	35
15	15.0	7	7.5	15	14.6	HARRISON OH	-50	96	-3	58	71
20	15.5	20	15.0	12	8.9	HENRY OH	-3	-41	-43	20	23
24	14.7	24	14.7	16	9.4	HIGHLAND OH	0	-36	-36	25	26
10	9.6	12	11.6	10	8.8	HOCKING OH	21	-24	-8	53	22
9	10.9	12	12.5	10	9.6	HOLMES OH	14	-23	-12	49	28
22	10.9	30	14.1	21	9.6	HURON OH	30	-32	-12	49	28
20	13.3	23	15.3	20	13.6	JACKSON OH	14	-11	2	62	64
81*	18.8	67	15.0	55	11.9	JEFFERSON OH	-20	-21	-36	25	49
21	10.7	30	15.3	19	9.1	KNOX OH	42	-41	-16	45	24
47	12.3	64	12.2	71	10.0	LAKE OH	-1	-18	-19	42	32
39	18.3	29	12.3	33	12.3	LAWRENCE OH	-33	0	-33	28	52
47	12.1	43	10.1	62	12.9	LICKING OH	-17	28	7	66	58
32	18.7	27	14.3	24	12.2	LOGAN OH	-24	-14	-34	26	52
86	13.2	128	15.9	114	12.6	LORAIN OH	20	-21	-5	57	55
277	15.4	251	12.8	217	11.2	LUCAS OH	-17	-13	-27	34	42
15	16.3	8	7.6	13	11.2	MADISON OH	-53	46	-32	29	42
174	14.9	137	11.2	128	9.8	MAHONING OH	-25	-12	-34	27	30
33	13.8	23	9.3	26	9.4	MARION OH	-33	1	-32	29	27
18	8.3	25	9.1	29	8.9	MEDINA OH	9	-2	7	66	23
15	12.4	14	11.9	14	11.5	MEIGS OH	-4	-4	-7	54	45
23	15.8	17	10.8	19	11.5	MERCER OH	-32	6	-27	33	45
33	11.2	37	11.5	46	12.8	MIAMI OH	2	11	14	70	57
13	12.6	12	12.8	8	7.9	MONROE OH	2	-38	-37	24	17
253	16.7	258	13.8	212	10.2	MONTGOMERY OH	-17	-26	-39	23	33
19*	23.4	7	9.1	11	15.3	MORGAN OH	-61	68	-35	26	75
19	19.4	16	16.0	8	7.1	MORROW OH	-18	-56	-64	06	13
34	9.5	45	12.4	51	13.6	MUSKINGUM OH	30	10	43	82	63
12	16.4	13	18.1	5	9.3	NOBLE OH	10	-49	-43	19	26
21	13.6	20	11.7	18	9.6	OTTAWA OH	-13	-18	-29	32	28
24*	30.1	12	15.4	9	10.6	PAULDING OH	-49	-32	-65	05	36
26	16.3	20	12.4	18	11.8	PERRY OH	-24	-5	-28	33	48
31*	22.3	18	11.5	14	8.8	PICKAWAY OH	-48	-24	-61	07	22
11	13.5	18	20.1	17	15.1	PIKE OH	49	-25	12	69	74
35	11.5	49	13.6	47	11.8	PORTAGE OH	19	-14	3	63	47
21	15.0	12	7.8	18	10.7	PREBLE OH	-48	37	-29	32	37
20	15.2	10	7.7	14	10.0	PUTNAM OH	-49	30	-34	27	32
53	13.2	57	12.1	60	12.1	RICHLAND OH	-8	0	-8	53	51
33	13.3	32	11.2	37	11.8	ROSS OH	-16	5	-11	50	47
40	16.8	33	12.5	24	8.7	SANDUSKY OH	-26	-30	-48	15	22
65	18.5	67	16.7	70*	17.1	SCIOTO OH	-10	3	-8	54	84
36	13.6	27	10.0	30	10.9	SENECA OH	-26	9	-20	41	40
32*	22.6	14	9.1	16	9.4	SHELBY OH	-60	3	-58	08	27
191	14.5	192	12.8	163	10.0	STARK OH	-12	-22	-31	29	31
273	16.1	233	11.3	221	10.1	SUMMIT OH	-30	-11	-37	24	32
109	15.1	108	12.9	114	11.7	TRUMBULL OH	-15	-9	-23	38	46
55	14.6	46	11.8	51	12.4	TUSCARAWAS OH	-20	6	-15	46	53
14	12.1	12	10.9	8	6.9	UNION OH	-10	-37	-43	19	12
16	11.0	20	13.5	19	12.5	VAN WERT OH	23	-7	14	71	54
11	19.6	10	18.2	10	18.2	VINTON OH	-8	0	-7	55	87
32	17.9	39	18.0	30	9.3	WARREN OH	1	-48	-48	15	26
29	11.9	24	9.2	22	7.9	WASHINGTON OH	-22	-14	-33	27	17
36	12.0	27	8.1	36	9.6	WAYNE OH	-32	18	-21	41	28
19	12.9	22	14.3	15	8.9	WILLIAMS OH	11	-38	-31	30	23
42	14.8	28	9.0	25	7.1	WOOD OH	-39	-22	-52	12	13
14	12.5	14	12.9	10	8.9	WYANDOT OH	3	-31	-29	32	23

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WHITE MALE

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
1756*	18.4	1721*	15.8	1740*	14.2	OKLAHOMA	OK	-14	-10	-23		
11	17.0	12	17.9	4	4.8	ADAIR	OK	5	-73	-72	03	06
13	20.7	10	15.6	9	17.3	ALFALFA	OK	-24	10	-17	44	84
18*	31.9	13	22.8	17*	25.7	ATOKA	OK	-28	13	-19	42	97
3	8.8	5	14.5	4	11.2	BEAVER	OK	65	-23	27	77	42
21	20.5	23	19.6	24*	20.0	BECKHAM	OK	-4	2	-2	59	92
9	13.3	4	5.1	13	17.1	BLAINE	OK	-62	234	28	77	83
40*	27.2	16	10.6	21	13.3	BRYAN	OK	-61	26	-51	13	61
31	19.6	21	13.5	13	8.1	CADDO	OK	-31	-40	-59	08	18
15	12.1	17	12.5	23	13.9	CANADIAN	OK	3	11	15	71	65
32	19.1	31	15.4	37	17.9	CARTER	OK	-19	16	-6	55	86
5	6.3	22*	22.2	13	12.2	CHEPOKEE	OK	255	-45	94	92	51
15	16.6	20*	23.3	10	10.6	CHOCTAW	OK	40	-54	-36	25	37
4	18.2	2	8.7	1	4.5	CIMARRON	OK	-52	-48	-75	02	05
23	14.0	28	13.6	21	6.6	CLEVELAND	OK	-3	-51	-52	12	12
11*	31.1	10*	27.5	11*	28.7	COAL	OK	-12	4	-8	54	98
30	18.9	30	14.3	32	12.0	COMANCHE	OK	-24	-16	-36	25	49
15*	28.4	9	19.5	9	18.9	COTTON	OK	-31	-3	-33	27	69
14	13.6	17	16.5	9	10.7	CRAIG	OK	21	-35	-21	40	38
39	19.6	38	18.6	33	14.4	CREEK	OK	-5	-23	-27	34	69
16	17.1	14	13.8	16	13.4	CUSTER	OK	-19	-3	-22	40	62
12	15.2	14	13.6	18	13.1	DELAWARE	OK	-11	-4	-14	47	60
7	17.4	4	10.6	9	20.0	DEWEY	OK	-39	89	15	71	92
4	10.5	8	20.2	5	11.9	ELLIS	OK	93	-41	14	70	49
40	17.4	38	14.4	37	13.0	GARFIELD	OK	-17	-10	-25	36	59
16	12.5	18	12.0	27	16.8	GARVIN	OK	-3	39	35	80	82
29	17.2	16	10.0	33*	18.0	GRADY	OK	-42	80	5	64	87
17*	28.5	6	13.7	9	16.4	GRANT	OK	-52	20	-42	20	81
19*	30.9	14	21.9	9	14.1	GREER	OK	-29	-36	-54	11	67
11*	30.0	6	17.0	5	11.9	HARMON	OK	-43	-30	-60	07	49
4	13.1	2	6.1	1	3.3	HARPER	OK	-53	-46	-75	02	03
12	22.5	10	16.2	8	12.4	HASKELL	OK	-28	-24	-45	17	53
17	17.1	19	20.3	8	9.6	HUGHES	OK	19	-53	-44	18	28
17	18.2	18	15.6	8	6.8	JACKSON	OK	-14	-57	-63	06	12
8	13.1	12	18.3	6	10.1	JEFFERSON	OK	40	-45	-23	38	32
13	24.9	7	12.3	7	14.3	JOHNSTON	OK	-51	17	-43	20	69
53*	23.2	36	14.1	33	12.4	KAY	OK	-39	-13	-47	16	53
9	15.3	10	16.4	12	15.7	KINGFISHER	OK	7	-4	2	62	77
15	16.7	19	21.0	14	15.4	KIOWA	OK	26	-27	-8	53	76
7	16.4	6	12.8	1	2.5	LATIMER	OK	-22	-81	-85	00	03
26	16.7	35*	20.0	32	15.6	LE FLORE	OK	19	-22	-7	55	77
27*	24.8	25*	20.3	18	13.8	LINCOLN	OK	-18	-32	-44	18	65
21	20.5	11	11.6	10	9.1	LOGAN	OK	-43	-21	-56	10	25
12*	31.7	9	26.4	14*	33.3	LOVE	OK	-17	26	5	64	99
12	17.3	7	10.2	11	12.6	MC CLAIN	OK	-41	23	-27	34	55
16	14.4	24	20.4	25	17.3	MC CURTAIN	OK	42	-15	20	74	84
13	19.7	4	5.8	18*	22.0	MC INTOSH	OK	-71	281	12	69	95
11	22.6	6	14.0	4	8.2	MAJOR	OK	-38	-41	-64	06	19
4	10.9	7	13.5	13	22.7	MARSHALL	OK	24	68	109	93	95
16	16.1	31*	25.5	27	17.5	MAYES	OK	58	-31	8	67	85
11	17.3	6	9.0	11	15.9	MURRAY	OK	-48	78	-8	54	79
48	20.1	47	17.6	44	15.9	MUSKOGEE	OK	-12	-10	-21	40	79
11	17.1	8	12.4	5	9.4	NOBLE	OK	-28	-24	-45	17	27
9	13.6	9	15.0	15*	23.8	NOWATA	OK	11	58	75	89	96
11	22.2	6	9.6	5	10.2	OKFUSKEE	OK	-57	6	-54	11	33
228*	18.5	262*	16.4	323*	16.5	OKLAHOMA	OK	-11	0	-11	50	81
36	20.7	41*	22.4	22	12.9	OKMULGEE	OK	8	-43	-38	23	57
30	21.2	30	19.3	20	11.8	OSAGE	OK	-9	-39	-44	18	48
32*	23.1	37*	24.6	31*	20.2	OTTAWA	OK	7	-18	-12	49	92
14	17.0	15	19.5	8	8.9	PAWNEE	OK	15	-55	-48	15	23
47*	28.1	21	11.5	31	15.2	PAYNE	OK	-59	32	-46	16	75
27	14.6	34	17.1	39	18.9	PITTSBURG	OK	17	10	29	78	89
25	18.7	24	14.9	30	18.0	PONTOTOC	OK	-20	20	-4	57	86
44*	20.5	44	18.4	40	15.3	POTTAWATOMIE	OK	-10	-16	-25	36	76
19*	32.9	7	12.7	10	14.8	PUSHMATAHA	OK	-62	17	-55	11	73
6	18.8	2	6.8	3	10.7	ROGER MILLS	OK	-64	58	-43	19	37
22	25.8	10	8.7	19	13.2	ROGERS	OK	-64	53	-44	18	61
30*	20.8	18	13.4	22	15.6	SEMINOLE	OK	-36	17	-25	36	77
10	13.3	9	9.7	19	16.1	SEQUOYAH	OK	-27	65	21	74	80
20	12.6	45*	24.1	36	16.5	STEPHENS	OK	92	-31	32	78	82
9	14.8	14	20.5	6	8.5	TEXAS	OK	39	-59	-43	19	20
18*	23.6	11	14.7	6	7.8	TILLMAN	OK	-38	-47	-67	04	17
154	15.7	192	15.1	192	13.0	TULSA	OK	-3	-14	-17	44	59
14	20.7	13	17.1	17	14.0	WAGONER	OK	-17	-18	-32	29	67
17	12.2	20	12.4	17	8.2	WASHINGTON	OK	1	-34	-33	27	19
13	16.4	16	19.3	10	12.3	WASHITA	OK	18	-36	-25	36	52
13	18.1	9	12.0	10	13.9	WOODS	OK	-34	16	-23	38	66
5	5.8	7	8.0	7	7.6	WOODWARD	OK	39	-5	32	79	16
868	11.3	891	9.6	1268	11.3	OREGON	OR	-15	18	1		
8	8.0	14	13.8	18	17.8	BAKER	OR	73	29	123	94	86
14	11.8	11	6.9	20	10.3	BENTON	OR	-41	48	-13	48	34
51	11.1	54	8.9	104	12.6	CLACKAMAS	OR	-19	41	13	70	55
14	8.3	16	8.8	20	12.0	CLATSOP	OR	7	36	45	83	50
24	19.4	15	11.6	14	8.3	COLUMBIA	OR	-40	-28	-57	09	20
29	14.2	18	7.5	39	13.1	COOS	OR	-48	75	-8	53	59
5	14.3	5	10.4	6	9.6	CROOK	OR	-27	-8	-33	28	28
7	18.1	3	4.7	18	15.4	CURRY	OR	-74	230	-15	46	76
7	7.5	5	3.3	20	9.0	DESCHUTES	OR	-56	172	20	74	23
25	10.4	22	8.1	37	9.5	DOUGLAS	OR	-23	17	-9	52	27
3	8.1	3	7.8	5	10.7	GRANT	OR	-4	38	32	79	38
2	6.3	3	9.4	6	15.6	HARNEY	OR	50	65	148	95	77
8	11.3	8	10.9	7	9.1	HOOD RIVER	OR	-3	-16	-19	42	25
36	10.8	43	9.7	56	9.3	JACKSON	OR	-11	-4	-15	47	26
4	12.2	1	4.0	4	10.8	JEFFERSON	OR	-67	167	-11	50	38
20	11.9	18	8.3	28	8.6	JOSEPHINE	OR	-31	4	-28	33	21
15	7.7	14	6.2	35	14.6	KLAMATH	OR	-19	134	89	91	71

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
3	10.4	5	16.5	3	9.7	LAKE	OR	58	-41	-7	54	29
53	9.6	55	7.6	125	12.6	LANE	OR	-20	65	31	78	55
19	15.2	18	11.3	20	9.3	LINCOLN	OR	-25	-18	-39	23	26
37	15.6	20	6.8	34	9.2	LINN	OR	-56	36	-41	21	26
11	13.7	22	20.1	12	10.2	MALHEUR	OR	46	-49	-26	35	33
56	10.5	53	7.7	119	13.6	MARION	OR	-27	76	29	77	63
3	10.9	4	15.4			MORROW	OR	42				
291	11.7	329	12.1	326	12.1	MULTNOMAH	OR	4	0	4	63	51
12	9.6	19	12.0	17	8.6	POLK	OR	25	-29	-10	51	21
2	28.0	1	6.7	1	6.9	SHERMAN	OR	-76	3	-75	02	13
13	15.4	15	14.4	16	13.1	TILLAMOOK	OR	-6	-9	-15	46	60
15	7.2	20	8.8	33	12.7	UMATILLA	OR	23	44	76	90	56
18	17.8	10	8.9	8	7.1	UNION	OR	-50	-20	-60	08	13
4	10.0	3	8.3	2	4.5	WALLOWA	OR	-18	-45	-55	10	05
7	7.8	11	10.4	9	8.0	WASCO	OR	32	-23	2	62	18
31	9.0	42	8.5	75	10.1	WASHINGTON	OR	-6	19	12	69	32
3	31.6	1	7.3	1	7.6	WHEELER	OR	-77	3	-76	02	15
18	9.8	10	4.8	30	12.4	YAMHILL	OR	-51	157	26	76	53
7493*	16.3	8329*	16.5	8926*	16.5	PENNSYLVANIA	PA	1	0	1		
25	12.1	33	13.9	45	15.6	ADAMS	PA	15	13	29	77	77
1155*	17.9	1404*	19.9	1375*	19.3	ALLEGHENY	PA	11	-3	8	66	90
57	15.4	68	16.9	65	15.2	ARMSTRONG	PA	10	-10	-1	60	75
134*	16.5	144*	16.4	158*	16.4	BEAVER	PA	-1	0	-1	60	81
25	12.9	23	11.1	18	7.7	BEDFORD	PA	-13	-31	-40	22	16
194	14.8	216	15.0	220	13.6	BERKS	PA	1	-9	-8	53	63
99	14.2	114	16.2	135*	18.8	BLAIR	PA	14	17	33	79	89
22	8.0	30	11.0	36	12.4	BRADFORD	PA	38	13	55	86	53
120	15.9	174	15.2	268*	17.5	BUCKS	PA	-4	15	10	68	85
63	13.1	66	12.4	88	14.2	BUTLER	PA	-6	14	8	66	68
172*	19.9	149	15.9	150*	15.8	CAMBRIA	PA	-20	0	-20	41	78
4	14.7	8	28.3	5	16.0	CAMERON	PA	93	-43	9	67	79
54*	18.7	44	15.3	42	13.2	CARBON	PA	-18	-14	-30	31	61
37	15.7	37	13.5	37	10.8	CENTRE	PA	-14	-20	-32	29	38
101	14.8	140	16.2	153	14.4	CHESTER	PA	9	-11	-3	59	69
40*	21.7	30	15.9	43*	21.4	CLARION	PA	-27	35	-1	60	94
75	19.2	51	12.7	62	14.8	CLEARFIELD	PA	-34	17	-23	38	72
33	19.5	34*	19.6	40*	21.5	CLINTON	PA	1	10	11	68	94
37	13.8	53*	19.5	38	12.5	COLUMBIA	PA	41	-36	-10	52	54
55	14.5	47	12.0	63	14.7	CRAWFORD	PA	-17	22	1	62	72
52	12.0	72	14.0	97	14.2	CUMBERLAND	PA	17	1	18	73	68
116	13.0	168*	17.5	170*	17.1	DAUPHIN	PA	34	-2	31	78	83
257	15.1	374*	16.9	457*	18.3	DELAWARE	PA	12	8	21	74	88
29	17.5	22	12.9	19	10.8	ELK	PA	-27	-16	-38	23	39
148	14.6	181*	16.6	161	13.9	ERIE	PA	14	-16	-5	57	65
136	17.0	125	14.7	146*	17.2	FAYETTE	PA	-13	17	1	61	84
2	9.6	3	9.6	5	13.2	FOREST	PA	0	37	37	80	60
45	13.2	41	10.1	57	11.5	FRANKLIN	PA	-23	13	-13	48	45
4	8.3	3	5.8	3	4.9	FULTON	PA	-30	-15	-41	21	06
29	12.9	44*	20.8	32	14.7	GREENE	PA	61	-30	13	70	71
27	15.1	25	13.5	21	10.8	HUNTINGDON	PA	-10	-20	-28	33	39
47	13.6	59	15.9	47	11.8	INDIANA	PA	17	-26	-13	48	48
41	15.9	35	13.7	49*	18.5	JEFFERSON	PA	-14	35	16	72	88
5	7.0	8	11.3	5	5.8	JUNIATA	PA	61	-48	-17	44	09
187	15.6	220*	17.8	196*	15.4	LACKAWANNA	PA	14	-14	-1	60	76
177	15.5	188	14.4	251*	16.4	LANCASTER	PA	-7	14	6	65	81
69	14.0	69	13.1	64	11.9	LAWRENCE	PA	-6	-9	-15	46	48
61	15.8	46	11.5	63	12.4	LEBANON	PA	-27	8	-21	40	54
135	14.5	177	16.0	203*	15.4	LEHIGH	PA	11	-4	6	65	76
316*	19.2	254	14.5	266	14.0	LUZERNE	PA	-25	-3	-27	34	66
65	12.8	73	13.8	68	12.0	LYCOMING	PA	8	-13	-6	56	50
28	10.8	19	6.9	25	8.7	MC KEAN	PA	-36	25	-19	42	21
81	15.4	91	15.7	99	15.8	MERCER	PA	2	0	2	62	78
18	11.5	38	18.9	26	11.3	MIFFLIN	PA	64	-40	-2	60	43
24	13.9	29	13.4	32	10.4	MONROE	PA	-4	-22	-25	36	35
271	15.7	331	14.2	411*	14.8	MONTGOMERY	PA	-9	4	-6	56	72
10	11.0	7	7.9	17	18.8	MONTOUR	PA	-29	138	70	89	89
125	14.6	143	14.9	166*	15.3	NORTHAMPTON	PA	2	3	5	64	75
90	17.0	92*	17.3	91*	16.1	NORTHUMBERLAND	PA	2	-7	-5	56	80
17	14.1	17	12.8	27	17.8	PERRY	PA	-9	39	26	76	86
1379*	18.0	1365*	18.0	1378*	20.9	PHILADELPHIA	PA	0	16	16	72	93
3	5.9	14	19.6	21*	19.6	PIKE	PA	231	0	232	98	91
13	13.7	17	18.4	13	14.4	POTTER	PA	35	-22	5	64	69
146	17.3	168*	18.3	200*	20.7	SCHUYLKILL	PA	5	13	19	73	93
13	12.8	15	11.9	19	13.0	SNYDER	PA	-7	9	2	62	59
58	14.6	47	11.4	70	16.1	SOMERSET	PA	-22	41	10	68	80
2	5.3	4	11.1	10*	27.4	SULLIVAN	PA	112	146	421	99	98
19	11.6	21	12.5	24	12.8	SUSQUEHANNA	PA	8	2	10	68	57
19	10.3	14	7.7	14	6.9	TIOGA	PA	-25	-10	-33	28	13
13	12.8	12	10.4	15	11.5	UNION	PA	-19	11	-10	52	45
49	16.6	42	14.3	47	14.8	VENANGO	PA	-14	3	-11	50	72
22	8.9	26	10.4	29	11.6	WARREN	PA	17	11	30	78	45
170*	18.0	171*	16.4	192*	17.4	WASHINGTON	PA	-9	6	-3	58	84
29	17.8	37*	21.5	31	15.3	WAYNE	PA	21	-29	-14	47	76
294*	20.6	344*	20.8	303*	16.0	WESTMORELAND	PA	1	-23	-23	39	79
17	19.6	11	11.8	18	16.9	WYOMING	PA	-40	42	-14	47	83
133	13.7	202*	17.6	227*	16.9	YORK	PA	29	-4	24	75	83
694*	19.5	575	14.3	555	12.5	RHODE ISLAND	RI	-27	-13	-36		
23	16.4	30	16.7	34	15.6	BRISTOL	RI	1	-7	-5	56	77
84*	23.1	73	15.1	66	10.4	KENT	RI	-35	-31	-55	10	35
39	16.8	38	13.7	40	13.0	NEWPORT	RI	-18	-5	-23	38	59
516*	19.6	405	14.4	370	12.6	PROVIDENCE	RI	-26	-13	-36	25	55
32	16.3	29	11.5	45	13.8	WASHINGTON	RI	-30	20	-16	45	64
702*	16.1	848*	14.8	994	13.2	SOUTH CAROLINA	SC	-8	-11	-18		
7	11.4	8	13.3	10	14.4	ABBEVILLE	SC	17	8	25	76	69

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WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
											%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
27*	18.1	26	14.7	39	12.7	AIKEN	SC	-19	-14	-30	31	56
1	8.0	4	28.1	1	5.3	ALLENDALE	SC	250	-81	-34	27	07
50*	20.4	54	17.5	51	11.8	ANDERSON	SC	-14	-33	-42	20	47
8	36.2	9*	30.9	4	9.9	BAMBERG	SC	-15	-68	-73	02	31
6	21.1	8	21.0	3	7.4	BARNWELL	SC	-1	-65	-65	05	14
6	19.6	9	12.5	8	6.7	BEAUFORT	SC	-36	-47	-66	05	12
2	5.7	7	15.1	21	20.1	BERKELEY	SC	164	33	251	98	92
2	13.2	4	22.0	2	8.7	CALHOUN	SC	66	-60	-34	27	22
54	18.5	72*	18.3	58	10.7	CHARLESTON	SC	-1	-42	-42	20	37
15	14.8	16	14.5	14	10.2	CHEROKEE	SC	-2	-29	-31	30	34
15	29.4	10	15.1	7	8.2	CHESTER	SC	-48	-46	-72	03	19
11	13.8	8	9.6	10	10.3	CHESTERFIELD	SC	-30	7	-26	35	34
3	7.5	4	9.5	4	7.0	CLARENDON	SC	27	-26	-6	55	13
6	14.6	10	16.1	9	11.7	COLLETON	SC	10	-27	-20	41	47
16	16.0	13	10.9	12	9.6	DARLINGTON	SC	-32	-12	-40	22	28
3	5.4	7	11.5	10	15.7	DILLON	SC	114	37	194	97	78
7	21.0	9	16.8	7	6.8	DORCHESTER	SC	-20	-60	-68	04	12
4	13.0	6	20.0	5	10.9	EDGEFIELD	SC	54	-46	-16	45	39
2	5.2	5	11.7	4	9.2	FAIRFIELD	SC	127	-22	78	90	25
21	17.7	22	10.9	23	10.0	FLORENCE	SC	-39	-8	-43	19	32
5	11.5	10	22.4	6	6.6	GEORGETOWN	SC	94	-71	-43	19	11
56	12.8	105*	17.1	149*	18.7	GREENVILLE	SC	34	9	46	83	89
17	24.9	17	12.7	24	14.4	GREENWOOD	SC	-49	13	-42	20	69
4	14.1	6	15.2	10*	23.3	HAMPTON	SC	8	53	65	88	96
17	12.0	39*	21.2	55*	20.4	HORRY	SC	78	-4	71	89	93
5	32.0	5	32.7	4	13.6	JASPER	SC	2	-58	-58	09	63
12	18.3	9	15.9	17	22.0	KERSHAW	SC	-13	38	20	74	95
10	12.3	14	13.6	20	13.7	LANCASTER	SC	10	1	11	69	64
20	17.9	20	13.7	20	12.2	LAURENS	SC	-24	-11	-32	29	52
5	17.4	8	24.6	4	10.9	LEE	SC	42	-56	-37	24	39
19	14.1	25	11.1	41	12.4	LEXINGTON	SC	-21	11	-12	49	53
5	30.2	6*	35.8	3	19.9	MC CORMICK	SC	18	-44	-34	27	91
8	21.5	15*	26.4	11	16.0	MARION	SC	23	-39	-25	35	79
3	6.3	10	16.6	10	15.5	MARLBORO	SC	164	-7	146	95	76
17	19.4	11	11.2	11	9.8	NEWBERRY	SC	-43	-12	-49	14	30
15	12.5	14	10.3	25	15.4	OCONEE	SC	-18	49	23	75	76
14	13.7	16	11.8	14	9.0	ORANGEBURG	SC	-14	-23	-34	27	24
26	22.8	22	13.3	21	9.2	PICKENS	SC	-42	-31	-60	08	25
47	15.0	52	11.7	64	11.5	RICHLAND	SC	-22	-2	-23	38	45
7	17.6	9	17.6	11	18.9	SALUDA	SC	0	7	7	66	89
60	14.9	71	14.8	96	14.7	SPARTANBURG	SC	0	-1	-1	60	72
18*	24.4	13	11.0	17	11.1	SUMTER	SC	-55	1	-55	11	42
4	5.9	12	14.7	8	7.7	UNION	SC	150	-48	31	78	16
5	9.9	4	6.5	4	5.3	WILLIAMSBURG	SC	-34	-19	-46	16	07
37*	24.7	24	11.5	48	17.8	YORK	SC	-53	55	-28	33	86
412	13.2	326	9.6	326	9.1	SOUTH DAKOTA	SD	-27	-5	-31		
7	26.5	2	7.3	1	3.9	AURORA	SD	-72	-47	-85	00	04
12	11.4	11	10.6	18	16.4	BEADLE	SD	-7	55	44	83	81
3	30.3					BENNETT	SD					
6	12.0	2	3.7	4	7.5	BON HOMME	SD	-69	104	-37	24	15
12	13.7	9	9.7	8	7.5	BROOKINGS	SD	-29	-23	-45	17	15
14	10.2	16	10.9	14	8.2	BROWN	SD	6	-25	-20	41	19
3	8.9	4	12.9	4	13.2	BRULE	SD	45	2	48	84	60
7	18.1	4	8.6	5	11.1	BUTTE	SD	-52	29	-39	23	42
2	15.1	1	15.5	2	10.8	CAMPBELL	SD	3	-30	-28	33	39
10	19.0	6	11.0	5	9.0	CHARLES MIX	SD	-42	-18	-52	12	24
7	15.8	2	4.2	7	16.6	CLARK	SD	-74	300	5	64	82
4	8.5	4	8.8	5	9.2	CLAY	SD	4	5	8	67	25
10	11.1	2	1.9	9	8.7	CODINGTON	SD	-83	359	-21	40	22
5	31.1	2	19.0	1	5.9	CORSON	SD	-39	-69	-81	01	09
4	15.9			4	12.9	CUSTER	SD			-19	42	58
8	9.0	7	7.3	16	14.7	DAVISON	SD	-18	101	64	87	72
2	3.1	14	21.2	12	18.0	DAY	SD	587	-15	481	99	87
3	7.4	5	13.2	1	2.4	DEUEL	SD	79	-82	-68	04	03
7*	44.5	1	6.4	1	6.9	DEWEY	SD	-86	8	-85	00	13
6	23.6			5	17.8	DOUGLAS	SD			-25	36	86
8	33.7	6	16.0	6	15.3	EDMUNDS	SD	-52	-4	-55	11	75
6	6.8	7	6.9	8	12.0	FALL RIVER	SD	1	75	76	90	50
4	16.0	2	7.4	3	12.5	FAULK	SD	-54	70	-22	39	54
4	7.4	6	11.3	1	3.1	GRANT	SD	52	-72	-58	09	03
5	11.4	4	7.8	4	7.5	GREGORY	SD	-32	-3	-34	27	15
5	27.2	5*	31.8	1	7.6	HAAKON	SD	17	-76	-72	02	15
		3	6.1	4	8.0	HAMLIN	SD		32			18
		7	21.1	1	3.0	HAND	SD		-86			03
3	20.8	3	13.1	3	12.8	HANSON	SD	-37	-2	-38	23	57
2	25.1	2	16.8			HARDING	SD	-53				
6	15.2	6	13.6	7	14.0	HUGHES	SD	-10	3	-8	54	67
10	17.3	7	9.7	4	4.9	HUTCHINSON	SD	-44	-49	-71	03	06
3	18.8	2	15.4			HYDE	SD	-18				
2	12.8	3	20.7	2	16.2	JACKSON	SD	108	-39	26	76	80
2	7.8	3	13.0	1	2.8	JERAULD	SD	66	-78	-64	06	03
		1	16.1			JONES	SD					
10	18.9	1	1.7	4	7.5	KINGSBURY	SD	-91	345	-60	07	15
6	9.0	7	10.4	4	5.0	LAKE	SD	15	-52	-45	17	06
7	8.6	11	14.2	10	11.9	LAWRENCE	SD	65	-16	38	81	49
9	11.4	4	4.8	7	8.7	LINCOLN	SD	-57	80	-23	37	22
3	14.3			1	4.5	LYMAN	SD			-69	04	05
8	18.7	2	4.1	10	18.3	MC COOK	SD	-78	348	-2	59	87
3	15.8	6	23.5	4	10.9	MC PHERSON	SD	49	-54	-31	29	39
4	9.7	2	4.5	3	8.5	MARSHALL	SD	-53	87	-12	49	21
10	13.5	5	7.9	4	5.3	MEADE	SD	-42	-33	-61	07	07
2	18.2	1	9.6			MELLETTE	SD	-48				
7	21.1			1	4.1	MINER	SD			-81	01	04
55	16.9	43	11.4	26	6.0	MINNEHAHA	SD	-33	-48	-65	05	09
3	7.6	6	12.4	4	9.1	MOODY	SD	62	-26	20	73	25
15	10.4	20	10.3	28	12.9	PENNINGTON	SD	-1	25	23	75	58
8	29.6	7	23.3	3	9.6	PERKINS	SD	-21	-59	-67	04	29
8*	42.6	2	8.0	4	14.1	POTTER	SD	-81	77	-67	04	67

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ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
10	14.2	6	8.4	5	6.8	ROBERTS SD	-41	-18	-52	12	12
5	16.7	4	15.5	1	3.4	SANBORN SD	-7	-78	-80	01	03
		1	14.4			SHANNON SD					
9	15.0	6	9.5	6	10.7	SPINK SD	-37	12	-29	32	37
		1	10.2			STANLEY SD					
1	8.9			2	12.8	SULLY SD			43	82	56
1	14.1			1	11.2	TODD SD			-21	41	42
3	5.5	3	6.8	4	8.1	TRIPP SD	22	19	46	83	18
8	12.1	6	8.3	6	6.1	TUPNER SD	-31	-26	-49	14	10
5	8.2	3	4.5	7	9.6	UNION SD	-46	115	17	72	28
6	17.0	6	14.1	5	10.8	WALWORTH SD	-17	-23	-36	25	39
14	13.8	13	12.7	8	8.7	YANKTON SD	-8	-32	-37	24	22
		1	14.1	1	37.2	ZIEBACH SD		165			99
1559	14.2	1582	11.9	1768	10.9	TENNESSEE TN	-16	-8	-23		
21	13.8	15	7.6	20	7.7	ANDEPSON TN	-45	2	-44	18	16
9	9.5	6	5.9	14	10.8	BEDFORD TN	-38	84	14	71	39
8	14.8	7	11.3	6	7.5	BENTON TN	-23	-34	-49	14	15
5	15.6	6	17.0	4	10.2	BLEDSOE TN	9	-40	-35	26	33
16	8.6	19	7.8	28	8.8	BLOUNT TN	-10	14	2	63	23
15	13.6	18	11.7	34	16.2	BRADLEY TN	-14	39	19	73	80
18	16.2	23	18.4	24	15.4	CAMPBELL TN	13	-16	-5	57	76
5	16.2	5	11.3	5	10.3	CANNON TN	-30	-9	-36	25	34
14	12.3	14	11.1	7	4.6	CARROLL TN	-9	-58	-62	06	05
10	7.6	20	11.3	18	8.2	CARTER TN	50	-28	8	67	19
3	6.8	4	8.2	7	10.6	CHEATHAM TN	20	30	55	86	37
4	11.2	3	6.8	4	8.3	CHESTER TN	-39	22	-26	35	20
10	11.4	11	12.3	11	10.4	CLAIBORNE TN	8	-16	-8	53	35
4	13.5	6	17.2	3	8.2	CLAY TN	27	-52	-39	22	19
21*	24.0	19	20.0	9	7.4	COCKE TN	-17	-63	-69	04	14
25*	27.2	16	13.1	14	9.6	COFFEE TN	-52	-26	-65	05	28
15*	25.6	15*	23.5	4	6.0	CROCKETT TN	-8	-74	-76	02	10
9	12.5	11	12.0	17	13.2	CUMBERLAND TN	-4	10	5	64	60
134	12.7	165	13.3	165	11.2	DAVIDSON TN	5	-16	-12	50	43
3	7.9	7	14.4	6	9.0	DECATUR TN	83	-38	14	71	23
6	10.7	10	16.5	7	10.4	DE KALB TN	53	-37	-4	58	35
13	15.0	10	10.6	10	7.8	DICKSON TN	-29	-27	-48	15	17
22	16.8	11	8.2	19	12.7	DYER TN	-51	54	-25	36	56
3	8.6	6	15.0	6	9.7	FAYETTE TN	74	-35	14	70	29
3	5.5	7	13.3	9	12.5	FENTRESS TN	144	-6	129	94	54
5	5.1	20	18.5	23	17.1	FRANKLIN TN	260	-8	232	98	83
25	13.3	17	8.1	20	8.4	GIBSON TN	-39	3	-37	24	20
10	11.2	11	10.7	11	10.6	GILES TN	-5	0	-5	56	37
6	12.4	8	13.9	7	10.8	GRAINGER TN	12	-23	-13	48	38
13	9.7	17	9.7	23	10.5	GREENE TN	0	8	8	66	36
5	12.6	8	16.5	10	18.1	GRUNDY TN	31	10	44	82	87
6	7.6	14	11.4	31*	19.7	HAMBLEN TN	51	73	161	96	91
91	15.2	100	12.7	76	7.9	HAMILTON TN	-16	-38	-48	15	17
6	18.5	4	10.9	4	11.6	HANCOCK TN	-41	6	-37	24	45
10	13.9	8	10.0	9	9.7	HARDEMAN TN	-28	-3	-30	31	29
14	19.2	9	10.8	15	15.0	HARDIN TN	-44	38	-22	39	73
19	16.9	18	13.6	16	9.2	HAWKINS TN	-19	-33	-46	17	25
8	16.9	4	7.9	5	9.2	HAYWOOD TN	-53	17	-45	17	25
8	10.9	15	18.7	18	18.5	HENDERSON TN	72	-1	70	89	88
17	15.7	10	8.0	15	10.1	HENRY TN	-49	26	-36	25	32
12	20.9	11	20.9	7	11.6	HICKMAN TN	0	-44	-44	18	46
3	11.4	3	10.7	3	9.9	HOUSTON TN	-6	-7	-13	48	31
7	14.3	7	10.8	12	17.4	HUMPHREYS TN	-25	61	22	74	84
8	15.3	9	16.6	7	14.0	JACKSON TN	9	-16	-8	53	67
14	17.6	7	7.3	8	6.7	JEFFERSON TN	-59	-8	-62	07	12
6	11.5	11	19.3	8	11.9	JOHNSON TN	68	-38	3	63	49
92	11.6	113	11.7	139	12.0	KNOX TN	1	3	4	63	50
8	25.8	5	17.4	8	25.1	LAKE TN	-32	44	-2	59	97
11	16.0	8	10.9	11	14.1	LAUDERDALE TN	-32	29	-12	49	67
7	7.1	17	13.4	20	12.9	LAWRENCE TN	89	-4	81	90	58
7	26.5	3	9.2	3	7.7	LEWIS TN	-65	-17	-71	03	16
16	17.4	10	9.5	17	13.9	LINCOLN TN	-46	47	-20	41	66
16	16.6	13	12.1	17	13.2	LOUDON TN	-27	9	-21	41	60
19	14.0	15	10.4	13	7.2	MC MINN TN	-26	-30	-48	15	14
12	13.6	9	9.2	12	11.7	MC NAIRY TN	-32	27	-14	47	47
8	13.4	9	12.8	6	7.2	MACON TN	-4	-43	-46	17	14
23	12.1	23	11.0	32	13.0	MADISON TN	-10	18	7	66	59
9	12.3	15	17.0	5	6.0	MARION TN	38	-65	-51	13	10
10	14.4	8	9.6	13	14.2	MARSHALL TN	-33	48	-1	60	68
17	12.4	14	8.6	24	12.4	MAURY TN	-31	45	0	61	53
1	4.5	1	4.0	4	14.3	MEIGS TN	-10	259	221	97	69
12	13.2	9	8.7	15	12.2	MONROE TN	-34	40	-8	54	52
14	12.9	11	8.0	20	9.8	MONTGOMERY TN	-38	23	-24	37	30
1	5.7			3	14.7	MOORE TN			158	96	72
7	11.0	10	16.8	8	11.9	MORGAN TN	53	-29	9	67	49
16	12.2	17	11.3	18	11.2	OBION TN	-7	-1	-8	53	43
8	13.1	5	6.6	7	7.7	OVERTON TN	-50	17	-41	21	16
5	16.6	2	6.2	5	13.9	PERRY TN	-62	123	-16	44	65
2	10.7			2	8.0	PICKETT TN			-26	35	17
9	18.9	8	14.9	4	8.1	POLK TN	-22	-46	-57	09	18
23	20.3	9	6.2	20	10.9	PUTNAM TN	-70	77	-46	16	40
16*	25.7	6	8.0	10	10.5	RHEA TN	-69	32	-59	08	36
20	17.5	17	11.5	18	9.8	ROANE TN	-34	-15	-44	18	30
10	9.3	5	3.9	15	10.1	ROBERTSON TN	-59	161	8	67	32
13	8.8	27	14.2	29	11.9	RUTHERFORD TN	62	-17	35	80	48
6	9.7	4	6.1	10	12.9	SCOTT TN	-37	110	33	79	57
1	3.9	3	11.8	5	16.8	SEQUATCHIE TN	199	42	325	99	82
21*	25.8	13	11.8	20	11.9	SEVIER TN	-54	1	-54	11	48
198*	17.6	188	13.2	195	11.6	SHELBY TN	-25	-12	-34	27	46
15	22.6	11	15.4	10	12.4	SMITH TN	-32	-20	-45	17	53
3	6.2	9	20.8	8	14.7	STEWART TN	234	-30	135	94	72
45	14.6	43	9.6	59	10.8	SULLIVAN TN	-34	12	-26	35	38
14	10.3	25	13.7	27	9.4	SUMNER TN	33	-31	-9	53	27
16	24.2	5	6.3	10	11.5	TIPTON TN	-74	85	-52	12	45

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
4	17.9	4	16.3			TROUSDALE TN	-9				
11	17.9	12	17.2	10	12.0	UNICOI TN	-4	-30	-33	28	49
7	19.2	11*	27.7	3	5.9	UNION TN	44	-79	-69	04	09
2	13.7			2	10.5	VAN BUREN TN			-23	38	36
18	17.9	17	14.7	18	12.7	WARREN TN	-18	-13	-29	32	56
37	15.2	52	16.2	42	11.5	WASHINGTON TN	6	-29	-25	36	45
11	26.7	6	10.1	10	15.4	WAYNE TN	-62	53	-43	20	76
16	11.3	9	6.0	18	10.2	WEAKLEY TN	-47	71	-9	52	34
10	17.1	4	5.0	10	10.7	WHITE TN	-70	113	-37	24	38
9	10.8	6	5.5	14	7.9	WILLIAMSON TN	-49	44	-27	34	17
14	11.4	26	19.2	20	10.8	WILSON TN	68	-44	-6	56	38
4173*	15.4	4010	11.3	5318	12.1	TEXAS TX	-27	7	-22		
16	12.8	10	8.4	17	11.2	ANDERSON TX	-34	33	-12	49	43
2	21.2	3	6.9	2	4.0	ANDREWS TX	-68	-42	-81	01	04
18	13.2	21	12.0	34	14.4	ANGELINA TX	-9	20	9	67	69
7	29.9	1	2.7	20*	29.4	ARANSAS TX	-91	1001	-2	59	98
2	5.9	5	16.9	9	21.8	ARCHER TX	188	30	273	98	94
1	7.6	1	7.6	1	6.4	ARMSTRONG TX	-1	-16	-17	44	11
19*	23.7	13	14.4	21	19.1	ATASCOSA TX	-39	33	-19	42	90
12	17.2	11	13.5	14	13.6	AUSTIN TX	-21	0	-21	40	63
3	11.3	6	18.4	5	13.7	BAILEY TX	63	-25	21	74	64
4	15.0	4	13.9	6	14.1	BANDERA TX	-7	1	-6	55	67
22*	28.7	10	11.3	17	15.7	BASTROP TX	-61	39	-45	17	77
2	5.3	2	4.5	1	2.3	BAYLOR TX	-16	-49	-57	09	02
15	22.1	14	17.7	11	12.8	BEE TX	-20	-28	-42	20	57
48	19.9	47	14.5	76*	18.3	BELL TX	-28	26	-8	53	88
230	13.5	238	9.9	360	12.6	BEXAR TX	-27	28	-6	55	55
3	11.2	6	20.5	6	16.3	BLANCO TX	83	-21	45	83	80
		1	22.9	1	22.1	BORDEN TX		-4			95
17	23.6	14	13.9	12	13.0	BOSQUE TX	-41	-7	-45	18	59
25	12.8	35	14.6	40	13.9	BOWIE TX	15	-5	9	67	65
12	9.7	32	12.0	59	14.5	BRAZORIA TX	23	21	49	84	70
11	14.1	9	6.4	17	9.6	BRAZOS TX	-55	51	-31	29	29
6	24.3			2	6.0	BREWSTER TX			-75	02	10
5*	30.9	1	8.0			BRISCOE TX	-74				
1	5.0	2	5.2	4	12.5	BROOKS TX	5	139	151	95	54
21	14.2	19	11.6	20	10.7	BROWN TX	-19	-8	-25	36	37
6	13.3	3	6.3	10	15.6	BURLESON TX	-52	147	18	72	77
10	19.8	7	9.6	10	9.1	BURNET TX	-52	-4	-54	11	25
16	21.5	6	7.9	8	8.9	CALDWELL TX	-63	13	-59	08	23
5	17.4	4	10.0	8	13.0	CALHOUN TX	-43	30	-25	36	59
16*	31.8	5	7.3	9	12.8	CALLAHAN TX	-77	76	-60	08	56
58	16.2	61	12.9	90	13.7	CAMERON TX	-20	6	-16	45	64
6	20.5	4	13.2	2	5.6	CAMP TX	-36	-58	-73	02	08
1	4.7			3	9.0	CARSON TX			92	91	24
10	11.2	9	8.7	14	10.8	CASS TX	-22	25	-3	58	39
1	4.0	4	13.6	2	6.2	CASTRO TX	236	-54	54	85	10
5	21.3	5	13.9	0	9.6	CHAMBERS TX	-35	-31	-55	10	28
22	14.2	9	6.0	21	10.8	CHEROKEE TX	-58	81	-24	37	39
3	6.1	4	8.9	4	7.9	CHILDRESS TX	46	-12	28	77	17
8	16.7	2	3.1	5	8.9	CLAY TX	-81	186	-46	16	23
3	14.9	2	10.5	2	9.4	COCHRAN TX	-29	-10	-36	25	27
4	23.3	3	16.7	3	24.4	COKE TX	-28	46	5	64	96
23*	26.8	10	11.9	10	12.2	COLEMAN TX	-55	3	-54	11	52
23	11.4	19	7.8	28	8.7	COLLIN TX	-31	11	-24	37	22
4	10.6	4	9.9	4	14.0	COLLINGSWORTH TX	-7	42	33	79	67
9	13.7	11	14.0	5	5.6	COLORADO TX	2	-60	-59	08	08
18*	22.9	4	4.4	21	12.2	COMAL TX	-81	175	-47	16	51
23*	24.9	7	6.7	5	4.6	COMANCHE TX	-73	-32	-82	01	05
3	11.0	4	17.9	4	16.3	CONCHO TX	62	-9	48	84	80
12	11.4	10	8.5	11	8.1	COOKE TX	-25	-5	-29	32	18
10	11.7	10	10.6	15	12.0	CORYELL TX	-9	13	2	62	49
7*	35.6	1	4.9	5	34.0	COTTLE TX	-86	595	-5	57	99
		1	9.4			CRANE TX					
3	21.4	3	29.9			CROCKETT TX	40				
4	10.8	8	19.4	3	7.3	CROSBY TX	80	-62	-33	28	14
3	10.0	2	5.6	2	7.5	DALLAM TX	-44	35	-25	36	15
292	14.1	400	12.8	477	12.1	DALLAS TX	-9	-6	-14	47	50
11	17.3	5	6.5	3	3.8	DAWSON TX	-62	-42	-78	01	04
2	5.1	5	10.9	9	15.7	DEAF SMITH TX	113	44	206	97	78
7	15.7	8	20.2	9	19.1	DELTA TX	28	-5	22	74	90
26	14.8	20	8.9	50	14.4	DENTON TX	-40	63	-3	59	70
10	10.5	5	4.6	12	11.5	DE WITT TX	-56	149	10	68	45
4	15.7	4	12.6	4	21.7	DICKENS TX	-20	72	38	81	94
13*	41.2	3	10.2	5	11.7	DIMMIT TX	-75	15	-72	03	47
5	15.9	3	10.8	2	5.7	DONLEY TX	-32	-47	-64	06	08
9	17.9	6	12.5	9	15.2	DUVAL TX	-30	22	-15	46	75
29	21.5	16	10.6	16	9.3	EASTLAND TX	-50	-12	-56	10	26
17	22.1	23	10.6	38	12.5	ECTOR TX	-52	18	-43	19	54
1	8.6	1	9.4	1	6.9	EDWARDS TX	9	-27	-20	41	13
21	11.9	15	8.0	23	10.0	ELLIS TX	-33	25	-16	44	31
87	14.2	86	10.7	133	13.2	EL PASO TX	-25	23	-7	54	60
21	18.8	9	6.3	11	7.6	ERATH TX	-66	20	-60	08	16
18	18.4	13	12.3	9	8.2	FALLS TX	-33	-33	-55	10	19
23	16.0	11	6.4	18	11.3	FANNIN TX	-60	76	-30	31	43
18	14.4	12	9.4	13	9.7	FAYETTE TX	-35	3	-33	28	29
6	13.7	7	16.0	4	12.3	FISHER TX	16	-23	-11	50	52
5	10.7	2	4.9	3	5.9	FLOYD TX	-54	19	-45	17	09
7*	38.6					FOARD TX					
9	8.2	11	9.3	27	11.6	FORT BEND TX	12	25	40	81	45
6	18.1	4	10.5	2	4.7	FRANKLIN TX	-42	-55	-74	02	06
11	18.2	1	2.3	9	13.1	FREESTONE TX	-67	463	-28	33	60
9	24.7	8	19.1	5	10.4	FRIO TX	-23	-46	-58	09	35
2	8.6	3	8.0	3	6.6	GAINES TX	-8	-17	-24	37	11
65*	19.2	85*	17.9	96*	16.4	GALVESTON TX	-7	-8	-14	47	81
6	23.9	3	13.0	2	8.1	GARZA TX	-46	-37	-66	05	19
14	21.6	4	6.6	8	7.4	GILLESPIE TX	-69	11	-66	05	14
		1	17.6	1	74.3	GLASSCOCK TX		322			99

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
3	12.7			2	7.3	GOLIAD TX			-43	19	14
14	16.9	11	13.7	8	10.2	GONZALES TX	-19	-25	-40	22	34
12	16.8	10	8.6	21	14.5	GRAY TX	-49	68	-14	47	70
43	13.9	33	8.9	46	10.9	GRAYSON TX	-36	23	-21	40	40
25	13.6	27	10.6	38	11.7	GREGG TX	-22	10	-14	47	46
11	22.5	6	11.9	7	13.6	GRIMES TX	-47	14	-40	22	63
15	15.3	9	7.1	16	9.1	GUADALUPE TX	-54	28	-41	21	25
9	8.7	12	8.8	17	11.9	HALE TX	1	35	36	60	49
8	20.0	1	3.1	3	8.0	HALL TX	-85	158	-60	07	18
10	16.7	11	17.5	12	15.3	HAMILTON TX	5	-13	-8	53	75
1	4.3	1	3.4	3	12.3	HANSFORD TX	-21	261	187	97	53
7	15.0	5	10.2	6	12.2	HARDEMAN TX	-32	20	-19	42	51
22*	29.3	9	8.5	20	13.4	HARDIN TX	-71	58	-54	11	62
372	15.6	424	11.7	527	11.0	HARRIS TX	-25	-6	-30	31	41
15	14.7	15	11.8	19	12.0	HARRISON TX	-19	1	-18	43	50
1	13.4	1	13.5	1	6.3	HARTLEY TX	1	-54	-53	12	10
7	12.1	3	8.1	8	14.7	HASKELL TX	-33	82	22	74	72
13	21.1	6	7.1	16	16.2	HAYS TX	-67	128	-24	37	80
		1	6.0			HEMPHILL TX					
13	13.8	14	11.4	24	12.0	HENDERSON TX	-17	5	-13	48	50
70	14.9	70	12.0	91	11.0	HIDALGO TX	-19	-9	-27	34	40
20	14.8	11	7.0	15	10.0	HILL TX	-53	44	-32	29	32
6	12.4	8	10.9	14	16.0	HOCKLEY TX	-13	47	29	77	79
5	13.9	7	18.8	7	10.0	HOOD TX	36	-46	-27	33	32
20	17.6	13	11.6	18	12.3	HOPKINS TX	-34	6	-30	31	52
8	11.1	12	14.3	17	19.2	HOUSTON TX	29	35	73	89	90
3	3.5	12	9.0	16	11.2	HOWARD TX	156	24	217	97	43
1	9.6			1	8.1	HUDSPETH TX			-16	45	18
23	11.1	20	9.7	34	13.7	HUNT TX	-12	41	24	75	64
8	14.6	17	20.6	12	8.7	HUTCHINSON TX	41	-58	-41	21	22
1	9.5					IRION TX					
7	15.8	4	10.2	8	14.1	JACK TX	-36	39	-11	50	67
6	11.9	2	5.0	7	12.5	JACKSON TX	-58	150	5	64	54
20*	27.7	14	16.7	8	6.7	JASPER TX	-40	-60	-76	02	12
1	14.2	1	13.7			JEFF DAVIS TX	-4				
92	17.6	107	16.1	106	12.7	JEFFERSON TX	-8	-21	-28	33	56
5	30.8	4	18.8	3	18.0	JIM HOGG TX	-39	-4	-41	21	87
26*	33.7	12	9.6	23	17.7	JIM WELLS TX	-71	83	-48	15	85
29	16.8	29	13.8	32	12.3	JOHNSON TX	-18	-11	-27	34	52
13	13.4	4	3.6	8	7.7	JONES TX	-73	112	-43	20	16
6	9.6	6	8.8	5	8.2	KARNES TX	-9	-7	-15	47	19
22	16.7	16	10.7	20	12.0	KAUFMAN TX	-36	13	-28	33	50
2	12.1	8	19.1	4	7.7	KENDALL TX	58	-60	-36	25	16
2	23.6	1	10.1			KENT TX	-57				
14	16.5	9	5.9	18	11.0	KERR TX	-64	88	-33	28	41
3	13.1	4	21.5	6	20.5	KIMBLE TX	64	-4	57	86	93
1	47.2	1	35.3	1	32.6	KING TX	-25	-8	-31	30	99
1	7.3	1	8.6			KINNEY TX	18				
8	10.3	8	9.2	9	12.0	KLEBERG TX	-10	30	16	72	50
10	25.3	5	10.9	1	2.3	KNOX TX	-57	-79	-91	00	02
24	15.2	30	16.4	24	11.7	LAMAR TX	8	-28	-23	38	47
5	7.0	14	19.8	8	9.8	LAMB TX	184	-50	41	81	30
7	13.4	8	13.7	5	7.2	LAMPASAS TX	3	-48	-46	16	13
9*	31.2	9*	36.2	3	11.2	LA SALLE TX	16	-69	-64	06	42
14	12.7	7	5.4	15	11.5	LAVACA TX	-57	111	-10	52	44
5	12.8	7	13.6	3	5.6	LEE TX	6	-59	-56	10	08
11	24.1	9	17.3	8	18.6	LEON TX	-28	7	-23	38	88
23*	26.5	16	12.6	25	15.4	LIBERTY TX	-52	22	-42	20	76
11	11.1	9	9.4	15	14.1	LIMESTONE TX	-15	50	27	77	67
3	17.9	1	5.1			LIPSCOMB TX	-72				
5	18.6	3	8.0	6	12.8	LIVE OAK TX	-57	59	-31	29	56
11*	37.9	8	18.4	13	15.7	LLANO TX	-51	-15	-59	08	78
		1*	91.1			LOVING TX					
43	13.6	62	14.0	74	12.4	LUBBOCK TX	2	-11	-9	52	53
6	16.0	4	10.6	7	15.4	LYNN TX	-34	45	-4	57	76
15*	25.5	10	14.8	10	14.8	MC CULLOCH TX	-42	0	-42	20	72
60	12.7	74	12.5	96	14.0	MC LENNAN TX	-2	12	10	68	66
1	17.5	1	11.8	3*	45.8	MC MULLEN TX	-33	289	161	96	99
9	25.7	2	6.7	2	8.7	MADISON TX	-74	31	-66	05	22
6	25.6	2	7.5	8	19.2	MARION TX	-71	157	-25	36	90
6*	30.2	2	10.1	1	3.6	MARTIN TX	-66	-64	-88	00	04
3	10.7	2	7.2	5	17.8	MASON TX	-32	147	67	88	86
13	18.7	14	15.9	10	9.8	MATAGORDA TX	-15	-38	-48	15	30
4	11.3	3	8.0	13	18.5	MAVERICK TX	-29	130	64	87	88
17	20.2	6	6.1	15	14.0	MEDINA TX	-70	129	-31	30	66
6	30.8	2	9.8	5	20.6	MENARD TX	-68	110	-33	28	93
9	11.3	20	14.6	22	11.4	MIDLAND TX	29	-21	1	62	44
11	10.1	19	16.0	12	9.4	MILAM TX	58	-41	-7	55	27
7	16.9	5	11.1	4	7.6	MILLS TX	-35	-31	-55	11	16
6	11.1	5	9.1	4	10.7	MITCHELL TX	-17	17	-3	58	38
17	18.1	13	11.0	13	11.7	MONTAGUE TX	-39	6	-35	26	46
10	10.8	21	14.1	54*	17.7	MONTGOMERY TX	30	26	63	87	86
7	46.1	3	5.1	10	21.3	MOORE TX	-89	315	-54	11	94
4	10.3	4	8.6	8	14.9	MORRIS TX	-16	73	45	83	73
3	16.7			1	8.2	MOTLEY TX			-51	13	19
14	12.6	21	16.5	19	11.7	NACOGDOCHES TX	31	-29	-7	55	47
30	18.6	11	6.3	28	14.5	NAVARRO TX	-66	130	-22	39	70
7	17.7	5	10.5	7	12.0	NEWTON TX	-41	15	-32	29	50
12	15.2	14	15.6	9	9.9	NOLAN TX	3	-36	-35	26	31
74	15.4	77	12.1	82	10.2	NUECES TX	-21	-16	-34	27	33
1	3.2	4	9.6	4	9.0	OCHILTREE TX	203	-6	185	97	24
1	15.8	1	11.9	3	34.1	OLDHAM TX	-25	187	116	93	99
25	22.1	26	16.2	34	14.7	ORANGE TX	-27	-9	-34	27	72
16	15.6	4	3.7	24	17.6	PALO PINTO TX	-76	378	13	70	85
9	16.3	5	6.9	15	17.4	PANOLA TX	-58	152	6	65	84
18	15.1	16	11.3	21	11.2	PARKER TX	-25	-1	-26	35	42
2	10.2			2	3.7	PARMER TX			-64	06	04
2	5.5	5	14.4	5	11.3	PECOS TX	163	-22	106	93	43
5	9.7	6	7.9	16	13.2	POLK TX	-19	67	35	80	60
37	14.5	47	13.0	49	12.3	POTTER TX	-11	-5	-15	46	53

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
		8*	32.3	3	10.1	PRESIDIO	TX		-69			32
3	14.4	4	14.6	3	10.0	PAINS	TX	2	-32	-30	31	32
5	10.0	12	10.7	21	12.3	RANDALL	TX	7	15	24	75	52
1	12.7	1	5.7	1	8.6	REAGAN	TX	-55	51	-33	28	21
1	8.1	2	16.2	1	6.6	REAL	TX	100	-59	-18	43	11
9	9.8	11	11.5	15	16.8	RED RIVER	TX	18	46	72	89	82
3	10.3	8	17.2	5	11.9	REEVES	TX	66	-30	16	71	49
7	23.7	9	24.8	6	17.8	REFUGIO	TX	5	-28	-25	36	86
14	25.5	11	16.1	6	9.0	ROBERTSON	TX	-37	-44	-65	05	24
6	21.5	1	3.7	5	12.1	ROCKWALL	TX	-83	225	-44	18	50
12	15.1	8	9.8	5	7.1	RUNNELS	TX	-35	-28	-53	12	13
13	10.2	11	6.1	16	7.9	RUSK	TX	-40	30	-22	39	17
4	10.8	3	7.4	7	17.4	SABINE	TX	-31	136	62	87	85
1	3.3	8	21.4	6	10.9	SAN AUGUSTINE	TX	553	-49	233	98	40
4	17.5	7*	25.0	6	13.7	SAN JACINTO	TX	43	-45	-22	39	64
24	21.0	15	9.5	25	12.9	SAN PATRICIO	TX	-55	35	-39	23	57
10	20.4	5	10.0	4	7.4	SAN SABA	TX	-51	-25	-63	06	15
1	8.0	1	7.0	3	27.2	SCHLEICHER	TX	-13	287	238	98	98
11	15.0	7	9.9	8	9.8	SCURRY	TX	-34	-1	-35	26	29
3	11.0	6	24.2	4	17.5	SHACKELFORD	TX	119	-28	59	86	85
13	13.6	15	13.8	19	16.2	SHELBY	TX	2	17	19	73	80
2	42.6	1	5.6	5*	31.5	SHERMAN	TX	-87	465	-26	35	99
28	12.1	33	11.0	42	10.1	SMITH	TX	-9	-8	-17	44	32
4	22.2	4	15.8	2	10.4	SOMERVELL	TX	-29	-34	-53	12	35
12*	29.9	9	16.9	18*	22.1	STARR	TX	-44	31	-26	35	95
8	15.6	9	17.9	12	23.3	STEPHENS	TX	15	30	50	84	96
2	11.8			2	12.2	STONEWALL	TX			3	63	51
3	37.2	2	11.8			SUTTON	TX	-68				
7	17.6	1	2.5	4	8.8	SWISHER	TX	-86	256	-50	14	22
196	15.6	214	11.4	296	12.7	TARRANT	TX	-27	11	-19	42	55
47	19.4	34	9.8	55	13.4	TAYLOR	TX	-49	36	-31	30	61
1	10.7	1	7.2			TERRELL	TX	-53				
4	8.7	2	3.9	1	1.6	TERRY	TX	-55	-60	-82	01	02
3	16.5	4	16.9	2	7.9	THROCKMORTON	TX	2	-53	-52	12	17
9	12.9	10	11.4	8	7.4	TITUS	TX	-12	-35	-43	20	14
28	12.8	29	10.4	48	14.3	TOM GREEN	TX	-18	37	12	69	69
68	13.8	64	9.4	98	10.5	TRAVIS	TX	-32	12	-24	37	36
8	21.1	13*	34.6	6	12.2	TRINITY	TX	64	-65	-42	20	51
7	12.9	9	13.4	6	6.9	TYLER	TX	4	-48	-46	16	13
9	10.8	13	13.3	18	14.1	UPSHUR	TX	24	6	32	78	67
5*	31.3	1	4.7	3	15.9	UPTON	TX	-85	238	-49	14	79
19*	31.1	5	6.3	10	10.7	UVALDE	TX	-80	69	-66	05	37
8	13.0	2	3.4	15	15.7	VAL VERDE	TX	-74	368	21	74	78
31*	25.1	23	16.2	30	16.7	VAN ZANDT	TX	-36	3	-34	27	82
15	14.1	17	10.6	20	10.8	VICTORIA	TX	-25	2	-24	37	38
3	5.0	4	6.9	19*	23.0	WALKER	TX	37	234	357	99	96
4	12.6	4	11.4	9	18.7	WALLER	TX	-10	64	49	84	89
11*	37.1	7	14.3	12*	26.8	WARD	TX	-61	87	-28	33	97
15	19.5	7	7.3	13	11.4	WASHINGTON	TX	-63	56	-42	20	44
39*	22.0	28	11.8	35	13.1	WEBB	TX	-46	11	-41	21	60
16	15.4	13	9.6	16	10.9	WHARTON	TX	-38	14	-29	31	39
8	16.7	3	6.9	4	8.1	WHEELER	TX	-59	18	-52	13	18
45	12.5	40	9.1	44	9.4	WICHITA	TX	-27	3	-25	36	26
11	11.7	4	4.7	6	5.4	WILBARGER	TX	-60	13	-54	11	07
16*	31.4	8	13.0	5	7.8	WILLACY	TX	-59	-40	-75	02	17
17	10.3	23	12.1	33	14.4	WILLIAMSON	TX	17	19	40	81	69
8	11.6	10	15.0	10	12.9	WILSON	TX	29	-14	11	68	57
3	11.5	3	9.0	10*	30.2	WINKLER	TX	-22	233	162	96	98
8	7.8	14	13.1	10	8.2	WISE	TX	68	-38	5	64	19
20	21.8	14	13.2	26	19.6	WOOD	TX	-39	48	-10	51	91
2	12.7	1	6.0	3	10.0	YOAKUM	TX	-53	68	-21	40	31
14	15.8	14	16.2	13	12.2	YOUNG	TX	3	-25	-23	38	51
2	29.9	7*	30.0	7	26.8	ZAPATA	TX	1	-11	-10	51	97
10*	27.1	9	21.3	8	21.4	ZAVALA	TX	-22	1	-21	40	94
266	10.7	333	10.3	458	11.1	UTAH	UT	-4	8	4		
2	13.9	2	10.3	3	12.6	BEAVER	UT	-26	22	-10	52	55
7	9.6	3	2.9	8	7.0	BOX ELDER	UT	-70	139	-27	34	13
9	7.3	14	9.1	14	8.1	CACHE	UT	24	-11	11	69	18
7	11.5	5	5.4	4	4.4	CARBON	UT	-53	-20	-62	07	05
11	10.5	17	11.1	27	9.5	DAVIS	UT	6	-15	-10	51	27
2	8.4	4	13.3	8	25.7	DUCHESNE	UT	58	94	206	97	97
2	10.3	3	10.3	4	14.0	EMERY	UT	1	36	37	80	67
1	5.3	4	29.2			GARFIELD	UT	448				
1	9.2	4	13.6	1	4.9	GRAND	UT	47	-64	-47	15	06
3	5.6	2	4.3	2	4.4	IRON	UT	-22	0	-22	39	05
2	8.7	3	12.1	5	18.3	JUAB	UT	39	51	110	93	88
3	33.9	1	10.5	1	5.7	KANE	UT	-69	-46	-83	00	08
8	24.8	5	11.6	1	1.9	MILLARD	UT	-53	-83	-92	00	02
2	15.1	2	17.2			MORGAN	UT	14				
		1	22.1			PIUTE	UT					
1	18.6					RICH	UT					
128	12.3	140	10.2	215	12.4	SALT LAKE	UT	-18	22	1	61	53
1	6.7			1	4.0	SAN JUAN	UT			-40	21	04
10	14.6	12	18.0	11	14.5	SANPETE	UT	23	-19	-1	60	70
		5	12.3	7	10.0	SEVIER	UT		-18			32
2	6.5	1	4.0	5	20.0	SUMMIT	UT	-38	401	209	97	92
7	12.0	6	7.0	9	12.3	TOOELE	UT	-42	76	2	62	52
2	8.8	4	12.8	5	10.8	UINTAH	UT	46	-16	23	75	39
29	11.0	52	14.3	74	15.0	UTAH	UT	30	5	36	80	73
1	4.1	1	4.3	4	13.4	WASATCH	UT	5	210	225	97	62
4	8.7	8	12.9	9	10.3	WASHINGTON	UT	48	-21	17	72	34
		1	12.3	1	7.3	WAYNE	UT		-41			14
21	6.8	33	8.2	39	7.9	WEBER	UT	20	-4	16	71	17
240	12.9	211	10.9	303	14.2	VERMONT	VT	-15	30	10		
10	11.6	8	8.1	26*	23.7	ADDISON	VT	-30	191	105	92	96
12	10.3	8	5.8	17	10.4	BENNINGTON	VT	-44	80	1	61	35

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WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2..3..5..6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
12	9.4	24	19.8	26*	20.7	CALEDONIA VT	110	5	120	93	93
41	16.0	33	12.3	57	18.6	CHITTENDEN VT	-23	51	16	72	88
3	8.5	2	6.5	6	18.0	ESSEX VT	-23	177	112	93	87
25	17.6	22	15.0	23	14.9	FRANKLIN VT	-15	0	-15	46	73
1	4.8	2	12.1	3	13.1	GRAND ISLE VT	152	9	174	96	60
9	15.6	10	18.2	10	14.7	LAMOILLE VT	17	-19	-6	56	72
4	4.5	5	5.4	11	10.4	ORANGE VT	19	93	130	94	35
13	12.5	4	3.8	6	5.5	ORLEANS VT	-69	44	-56	10	08
40	17.0	40	15.9	27	9.7	RUTLAND VT	-6	-39	-43	19	29
21	10.3	16	7.4	36	16.1	WASHINGTON VT	-28	118	57	86	80
22	13.7	19	11.5	22	12.6	WINDHAM VT	-16	10	-8	54	55
27	12.6	18	8.1	33	13.0	WINDSOR VT	-36	61	3	63	59
1617*	16.3	1962*	15.6	2368*	15.0	VIRGINIA VA	-4	-4	-8		
28*	23.1	21	16.5	19	14.6	ACCOMACK VA	-29	-12	-37	24	71
32	19.4	32	15.1	49*	18.1	ALBEMARLE#VA	-22	20	-7	55	87
14	13.3	16	14.7	22	17.0	ALLEGHANY#VA	11	15	28	77	83
3	11.8	3	13.1	5	22.6	AMELIA VA	11	73	91	91	95
12	16.6	8	10.0	10	11.1	AMHERST VA	-39	10	-33	28	42
5	14.5	4	11.1	4	9.6	APPOMATTOX VA	-23	-13	-34	27	29
48	11.8	79	15.6	87	14.5	ARLINGTON#VA	32	-7	23	75	70
36	13.6	44	13.3	57	14.4	AUGUSTA#VA	-2	8	6	65	70
4	21.5	4	14.6	8*	30.8	BATH VA	-32	111	43	82	98
66	18.2	61	13.9	86	16.2	BEDFORD#VA	-24	16	-11	50	80
2	6.4	4	18.5	6	19.0	BLAND VA	189	3	198	97	89
12	18.6	8	10.4	13	13.4	BOTETOURT VA	-44	29	-28	33	62
6	16.7	1	2.3	6	15.3	BRUNSWICK VA	-86	558	-9	53	75
11	12.7	10	9.9	13	9.4	BUCHANAN VA	-22	-6	-26	34	26
6	16.5	8	22.2	4	9.2	BUCKINGHAM VA	34	-59	-45	18	25
5	18.3	6	19.2	9	22.4	CAROLINE VA	5	16	22	74	95
27	13.9	27	12.6	38	14.3	CARROLL#VA	-9	13	3	63	68
2	45.7	1	18.2			CHARLES CITY VA	-60				
8	22.1	5	11.6			CHARLOTTE VA	-48				
168*	21.2	164*	18.1	154*	16.0	CHESTERFIELD#VA	-15	-12	-25	36	79
5	17.4	6	17.5	3	8.1	CLARKE VA	1	-54	-53	12	18
3	20.1	3	17.2	1	4.8	CRAIG VA	-14	-72	-76	02	06
4	7.3	5	7.8	17*	21.2	CULPEPER VA	7	170	189	97	93
4	25.1	3	17.1	1	4.8	CUMBERLAND VA	-32	-72	-81	01	06
9	11.7	10	14.6	12	15.6	DICKENSON VA	25	6	33	79	77
36	19.8	37	16.9	40	15.2	DINWIDDIE#VA	-15	-10	-23	38	75
1	5.0	1	5.0	3	10.2	ESSEX VA	0	104	104	92	33
74	12.0	178*	19.6	231	15.1	FAIRFAX#VA	63	-23	25	76	74
13	16.8	15	16.6	17	17.4	FAUQUIER VA	-1	4	4	63	84
8	15.8	7	12.4	6	9.2	FLOYD VA	-21	-26	-42	20	25
2	7.1	4	12.7	5	15.9	FLUVANNA VA	79	25	124	94	79
4	4.4	8	7.3	16	12.1	FRANKLIN VA	65	66	173	96	51
19	13.9	26	15.3	19	9.6	FREDERICK#VA	10	-38	-31	30	28
12	24.4	8	10.1	13	16.9	GILES VA	-59	68	-31	30	63
9	22.0	4	7.7	9	14.2	GLOUCESTER VA	-65	85	-35	26	68
4	16.4	4	13.4	3	8.7	GOOCHLAND VA	-18	-35	-47	16	22
1	6.1	2	9.7	4	18.6	GREENE VA	57	93	204	97	88
5	19.8	4	14.4	4	9.5	GREENSVILLE#VA	-27	-34	-52	12	27
10	9.9	22*	18.9	14	11.7	HALIFAX#VA	91	-38	19	73	46
9	12.1	16	16.2	31*	20.1	HANOVER VA	34	24	66	88	92
24	11.3	67	17.6	96*	17.0	HENRICO VA	55	-4	50	84	83
20	14.6	31*	21.5	24	10.7	HENRY#VA	47	-50	-26	35	58
5	21.2	2	13.2	1	6.9	HIGHLAND VA	-38	-48	-67	04	13
4	12.3	8	19.9	8	18.1	ISLE OF WIGHT VA	61	-9	47	84	87
22*	23.9	27*	19.0	23	12.7	JAMES CITY#VA	-20	-33	-47	16	56
3	30.9	2	11.0	1	5.7	KING AND QUEEN VA	-64	-48	-82	01	08
3	13.2	2	7.9	2	6.5	KING GEORGE VA	-40	-18	-51	13	11
4	21.1	4	18.1	4	14.1	KING WILLIAM VA	-14	-22	-33	27	67
6	21.8	3	8.2	1	1.4	LANCASTER VA	-62	-83	-94	00	02
24	21.2	20	15.8	21	16.3	LEE VA	-26	3	-24	37	80
18	20.0	13	12.4	21	14.7	LOUDOUN VA	-38	19	-26	35	72
4	8.8	6	11.7	9	15.0	LOUISA VA	34	28	71	89	74
6	15.6	3	8.6	8	20.1	LUNENBURG VA	-45	134	29	77	92
4	14.2	12*	35.0	7	14.8	MADISON VA	147	-58	4	64	72
15*	35.0	3	6.7	8	19.0	MATHEWS VA	-81	185	-46	17	89
9	13.3	13	16.2	17	17.5	MECKLENBURG VA	22	8	31	78	85
4	15.5	5	20.1	8	25.6	MIDDLESEX VA	30	27	65	88	97
13	12.8	18	11.8	25	12.2	MONTGOMERY#VA	-8	4	-5	57	52
7	13.9	10	20.1	10	18.0	NELSON VA	45	-10	29	78	87
10	20.8	12*	25.0	8	17.7	NORTHAMPTON VA	20	-29	-15	46	86
4	14.7	8	21.1	7	13.0	NORTHUMBERLAND VA	43	-38	-12	49	59
7	15.3	5	9.8	8	14.6	NOTTOWAY VA	-36	49	-5	57	71
9	22.1	11	18.6	17*	23.7	ORANGE VA	-16	28	8	66	96
16*	24.7	13	18.6	9	10.0	PAGE VA	-25	-46	-60	08	31
9	15.0	9	13.3	10	11.7	PATRICK VA	-11	-12	-22	39	46
30	11.3	40	11.8	41	10.3	PITTSYLVANIA#VA	4	-12	-9	52	34
3	16.6	1	4.6	3	9.0	POWHATAN VA	-72	94	-46	17	24
4	10.0	7	17.0	12*	26.9	PRINCE EDWARD VA	70	58	170	96	97
13	17.5	21	16.9	38	19.9	PRINCE WILLIAM#VA	-3	18	14	71	92
14	16.2	16	16.3	20	15.3	PULASKI VA	0	-6	-6	56	76
1	4.5	4	20.7	3	9.1	RAPPAHANNOCK VA	358	-56	102	92	25
3	15.4			7	27.3	RICHMOND VA			78	90	98
83	16.8	91	13.7	110	13.7	ROANOKE#VA	-19	0	-18	43	64
16	15.5	21	18.3	12	8.5	ROCKBRIDGE#VA	18	-54	-45	17	21
29	14.7	20	8.8	41	15.3	ROCKINGHAM#VA	-40	75	4	63	75
13	14.0	23*	20.9	20	15.8	RUSSELL VA	49	-24	13	70	78
15	14.1	24*	21.1	18	14.3	SCOTT VA	50	-32	2	62	69
15	15.0	16	13.9	15	11.0	SHENANDOAH VA	-7	-21	-27	34	41
13	11.5	12	8.3	19	12.1	SMYTH VA	-28	46	5	64	50
8	16.0	7	12.7	8	13.7	SOUTHAMPTON#VA	-20	7	-15	47	64
18*	25.1	17	18.5	22	16.5	SPOTSYLVANIA#VA	-26	-11	-34	27	81
7	16.6	9	15.2	14	15.6	STAFFORD VA	-8	3	-6	56	77
		2	11.8	3	26.8	SURRY VA		126			97
3	14.7	1	4.4	5	19.5	SUSSEX VA	-70	344	32	79	91
22	15.3	30	17.8	26	13.2	TAZEWELL VA	17	-26	-14	47	60

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
12	25.2	7	12.2	16	20.0	WARREN VA	-52	64	-21	41	92
26	13.3	29	12.9	44	15.9	WASHINGTON#VA	-3	23	20	73	79
11*	36.0	10	23.8	9	17.7	WESTMORELAND VA	-34	-26	-51	13	86
44*	25.5	45*	26.1	39*	19.7	WISE#VA	2	-25	-23	38	91
13	15.9	9	9.2	10	10.5	WYTHE VA	-42	14	-34	27	36
161	16.4	254*	20.0	297*	18.1	CHESAPEAKE CITY#VA	22	-9	10	68	87
22	13.4	22	10.5	48	17.1	HAMPTON CITY VA	-21	63	28	77	84
24	16.3	29	12.6	57*	17.9	NEWPORT NEWS CITY VA	-23	42	10	68	86
17	22.4	19	24.4	19	16.7	SUFFOLK CITY VA	9	-32	-25	35	82
1476	12.5	1648	12.1	1614	10.1	WASHINGTON WA	-3	-16	-19		
2	6.0	4	9.3	6	12.7	ADAMS WA	57	35	112	93	55
10	14.3	7	8.8	13	16.4	ASOTIN WA	-39	87	15	71	81
19	12.7	21	8.1	32	9.8	BENTON WA	-36	20	-23	38	30
12	6.4	25	11.9	31	12.2	CHELAN WA	86	3	91	91	52
20	14.8	24	13.7	31	12.4	CLALLAM WA	-7	-10	-16	44	53
39	9.7	57	11.8	49	7.8	CLARK WA	22	-34	-20	42	16
5	16.4	3	10.1	3	10.7	COLUMBIA WA	-39	7	-35	26	38
39	18.6	32	11.4	24	7.2	COWLITZ WA	-39	-37	-61	07	13
4	8.9	12	17.1	12	13.4	DOUGLAS WA	92	-21	51	85	62
2	17.5	1	6.9	1	5.2	FERRY WA	-61	-24	-70	03	07
8	19.1	16	20.1	8	7.7	FRANKLIN WA	5	-62	-60	08	16
1	4.7	3	21.4	2	11.8	GARFIELD WA	356	-45	150	95	47
4	3.3	16	10.7	10	4.8	GRANT WA	222	-55	45	83	06
44	15.7	39	12.2	33	10.0	GRAYS HARBOR WA	-22	-18	-36	25	32
11	18.7	4	4.3	9	5.5	ISLAND WA	-77	29	-71	03	08
10	21.9	11	17.9	8	8.5	JEFFERSON WA	-18	-52	-61	07	21
484	13.4	529	12.8	507	10.9	KING WA	-4	-15	-18	43	40
53	15.5	49	11.2	49	9.0	KITSAP WA	-28	-19	-42	21	24
13	10.9	11	9.8	14	12.4	KITTITAS WA	-10	26	14	71	53
9	16.5	6	9.0	4	5.5	KLICKITAT WA	-45	-39	-66	05	08
42	16.4	35	13.7	21	7.2	LEWIS WA	-17	-47	-56	10	14
2	2.9	8	13.3	3	4.2	LINCOLN WA	355	-69	42	82	04
8	9.9	15	15.5	16	10.3	MASON WA	57	-33	5	64	34
20	17.1	19	14.5	13	8.9	OKANOGAN WA	-15	-38	-48	15	23
13	13.3	19	19.7	12	9.6	PACIFIC WA	48	-51	-28	33	28
3	6.8	3	7.0	3	7.7	PEND OREILLE WA	4	10	13	70	16
170	13.1	205	14.1	216	12.8	PIERCE WA	8	-9	-2	59	57
4	20.8	2	10.2	2	5.1	SAN JUAN WA	-51	-50	-76	02	07
29	10.6	22	7.9	26	7.7	SKAGIT WA	-26	-2	-27	33	16
5	23.9	1	3.0	3	10.2	SKAMANIA WA	-67	242	-57	09	33
72	10.7	106	12.2	117	10.4	SNOHOMISH WA	14	-15	-3	59	35
151	12.3	160	11.8	124	8.5	SPOKANE WA	-4	-28	-30	30	21
8	7.7	6	6.3	12	10.5	STEVENS WA	-18	67	37	80	36
20	8.1	32	11.1	49	11.4	THURSTON WA	36	3	40	81	44
2	8.6	2	9.0	4	16.0	WAHKIAKUM WA	5	78	86	91	79
24	11.5	26	11.6	21	8.6	WALLA WALLA WA	1	-26	-26	35	21
39	10.4	41	10.3	47	10.9	WHATCOM WA	-1	5	5	64	39
17	13.0	10	7.4	9	6.6	WHITMAN WA	-43	-11	-49	14	11
58	9.1	66	9.6	70	9.1	YAKIMA WA	5	-5	0	61	24
1181*	15.8	1408*	17.3	1477*	16.7	WEST VIRGINIA WV	9	-3	6		
10	11.7	11	12.2	12	13.8	BARBOUR WV	4	14	18	73	65
17	11.0	28	15.4	30	14.9	BERKELEY WV	40	-3	35	80	73
18	18.7	41*	33.2	21	16.8	BOONE WV	78	-50	-10	51	82
9	10.3	7	8.3	9	9.9	BRAXTON WV	-20	20	-4	57	31
15	12.7	24	19.4	22	15.0	BROOKE WV	52	-23	18	72	73
60	13.9	83	16.8	78	15.3	CABELL WV	20	-9	9	67	75
3	6.5	3	5.9	10	18.3	CALHOUN WV	-10	211	182	96	88
4	8.7	15*	28.2	13*	22.0	CLAY WV	223	-22	152	95	95
7	14.9	2	4.6	10	21.0	DODDRIDGE WV	-69	355	41	82	93
28	12.2	47*	19.2	50*	19.6	FAYETTE WV	58	2	61	87	91
2	4.4	10	22.7	6	13.5	GILMER WV	418	-40	208	97	63
2	6.0	8	18.1	9	19.6	GRANT WV	204	8	229	98	91
27	18.3	26	16.3	24	13.2	GREENBRIER WV	-11	-19	-28	32	60
14	23.3	6	9.4	20*	29.0	HAMPSHIRE WV	-60	209	25	76	98
25	18.5	31*	20.0	35*	19.5	HANCOCK WV	8	-2	6	65	91
7	15.1	6	12.3	8	14.2	HARDY WV	-18	15	-6	56	68
64	16.9	54	13.5	65	15.9	HARRISON WV	-20	18	-6	56	79
14	18.8	15	17.6	19	17.9	JACKSON WV	-7	2	-5	56	86
15*	24.1	9	11.6	14	14.7	JEFFERSON WV	-52	26	-39	23	72
127	17.5	166*	18.0	210*	20.7	KANAWHA WV	3	15	18	73	93
27	21.1	20	16.1	14	11.7	LEWIS WV	-24	-27	-44	18	47
14	17.3	16	17.1	16	15.2	LINCOLN WV	-1	-11	-12	49	75
54*	32.5	35*	18.3	35*	17.7	LOGAN WV	-44	-3	-46	17	86
37	21.3	35*	18.9	32*	19.0	MC DOWELL WV	-11	1	-10	51	89
51	17.4	57	18.8	47	13.7	MARION WV	8	-27	-21	40	64
22	13.2	35	18.2	37*	19.3	MARSHALL WV	38	6	47	84	90
16	14.8	21	19.0	19	15.1	MASON WV	28	-20	2	62	74
42	17.9	51*	18.9	48	16.4	MERCER WV	5	-13	-8	53	81
17	18.0	17	17.4	23*	20.5	MINERAL WV	-3	18	14	71	93
34*	23.7	25	17.5	24	16.5	MINGO WV	-26	-6	-31	30	81
33	13.8	39	15.4	49*	18.1	MONONGALIA WV	12	17	31	78	87
9	11.5	8	10.9	11	14.9	MONROE WV	-6	37	29	77	73
4	10.0	10	24.0	4	7.9	MORGAN WV	140	-67	-21	40	17
8	7.9	27*	24.3	23	19.0	NICHOLAS WV	206	-22	140	95	89
52	15.4	71*	20.1	66*	19.7	OHIO WV	31	-2	28	77	91
6	13.3	2	4.4	9	19.6	PENDLETON WV	-67	347	47	84	91
6	18.1	2	5.9	5	14.4	PLEASANTS WV	-67	144	-21	41	69
6	10.9	4	6.4	11	18.1	POCAHONTAS WV	-41	183	67	88	87
11	8.2	15	10.3	24	16.1	PRESTON WV	26	57	97	92	80
12	13.6	26*	24.7	19	13.4	PUTNAM WV	81	-45	-1	60	62
44	17.3	53	18.1	52	15.5	RALEIGH WV	5	-14	-10	51	76
25	20.0	9	6.6	24	16.8	RANDOLPH WV	-67	153	-16	45	82
12	15.8	12	15.2	8	10.6	RITCHIE WV	-4	-30	-33	28	37
13	14.7	11	11.7	10	10.5	ROANE WV	-20	-11	-29	32	36
15	21.0	17*	21.9	19*	24.8	SUMMERS WV	5	13	18	73	97
10	11.5	12	13.8	20*	24.6	TAYLOR WV	20	78	114	93	97

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ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
6	11.5	6	11.8	3	6.0	TUCKER	WV	3	-49	-48	15	10
3	4.7	16*	27.3	8	13.1	TYLER	WV	488	-52	182	97	60
18	20.0	11	10.6	6	5.6	UPSHUR	WV	-47	-48	-72	02	08
27	17.7	30	17.7	33	17.1	WAYNE	WV	0	-3	-4	58	83
11	19.0	16*	27.0	11	18.2	WEBSTER	WV	42	-32	-4	57	87
25*	25.5	25*	24.4	23*	21.9	WETZEL	WV	-4	-11	-14	47	95
6	20.5	5	15.1	5	17.9	WIRT	WV	-26	19	-12	49	86
32	10.4	53	14.7	55	13.4	WOOD	WV	41	-9	29	77	62
5	6.0	24*	21.8	19	15.8	WYOMING	WV	262	-27	162	96	78
2115	12.5	2253	11.6	2541	11.9	WISCONSIN	WI	-7	2	-5		
5	9.9	11	15.4	11	13.1	ADAMS	WI	55	-15	32	79	60
14	14.2	14	12.2	14	12.8	ASHLAND	WI	-14	4	-10	51	57
26	13.9	15	6.7	29	11.8	BARRON	WI	-52	76	-15	46	47
10	11.1	13	14.5	5	4.7	BAYFIELD	WI	30	-68	-58	09	05
59	14.1	50	10.1	90	14.8	BROWN	WI	-29	47	5	64	72
6	7.5	6	7.2	14	14.7	BUFFALO	WI	-4	103	94	92	71
8	14.0	7	8.0	10	11.3	BURNETT	WI	-43	40	-19	42	43
11	13.7	10	9.1	9	7.3	CALUMET	WI	-34	-20	-47	16	14
23	10.4	36	16.0	26	10.5	CHIPPEWA	WI	53	-35	0	61	36
33	17.9	26	12.9	25	12.3	CLARK	WI	-28	-5	-31	30	52
26	12.7	20	9.4	33	13.5	COLUMBIA	WI	-26	44	7	66	63
15	16.8	14	13.5	16	15.9	CRAWFORD	WI	-20	18	-5	56	79
92	12.8	99	10.8	117	11.3	DANE	WI	-15	4	-12	49	43
35	11.2	37	10.9	42	11.2	DODGE	WI	-3	2	-1	60	42
16	13.3	23	18.4	18	12.0	DOOR	WI	38	-34	-10	52	50
24	9.4	33	13.5	24	9.8	DOUGLAS	WI	43	-27	4	64	30
16	11.3	19	13.3	14	8.7	DUNN	WI	17	-34	-23	38	22
22	9.0	35	12.6	32	10.2	EAU CLAIRE	WI	40	-19	13	70	33
4	16.9	3	12.5	4	16.5	FLORENCE	WI	-26	32	-2	59	81
38	11.1	35	9.3	40	9.7	FOND DU LAC	WI	-17	5	-13	48	29
6	13.1	6	12.0	3	8.1	FOREST	WI	-8	-33	-38	23	18
36	16.1	22	9.1	23	9.3	GRANT	WI	-43	2	-42	20	26
17	13.2	16	10.9	11	6.6	GREEN	WI	-18	-40	-50	13	11
15	16.6	18	17.4	14	11.8	GREEN LAKE	WI	4	-32	-29	32	47
10	9.1	12	11.1	13	12.0	IOWA	WI	21	8	32	79	50
11	20.7	6	12.1	8	14.0	IRON	WI	-42	16	-32	29	67
8	8.5	8	8.3	10	9.4	JACKSON	WI	-1	13	11	69	27
28	10.9	40	13.7	35	10.9	JEFFERSON	WI	26	-20	1	61	40
19	17.0	12	11.9	17	14.3	JUNEAU	WI	-30	20	-16	45	69
52	14.1	60	12.5	62	11.6	KENOSHA	WI	-11	-7	-18	43	46
10	10.2	14	14.7	12	10.9	KEWAUNEE	WI	43	-26	7	66	40
25	8.2	39	10.8	44	11.2	LA CROSSE	WI	33	3	37	80	42
8	8.1	10	10.1	8	8.6	LAFAYETTE	WI	24	-14	7	66	21
22	19.7	24*	21.3	27*	21.3	LANGLADE	WI	8	0	8	66	94
18	13.9	20	14.9	19	12.5	LINCOLN	WI	7	-16	-11	51	54
35	11.1	42	11.5	48	10.8	MANITOWOC	WI	4	-6	-2	59	38
34	9.1	58	13.5	61	13.0	MARATHON	WI	48	-4	42	82	59
24	12.4	26	12.2	20	8.5	MARINETTE	WI	-1	-31	-32	29	20
3	5.3	15	23.8	6	6.8	MARQUETTE	WI	346	-72	27	76	12
44	13.3	52	14.5	47	11.7	MENOMINEE#	WI	8	-19	-12	49	46
500	12.9	519	11.9	583	13.4	MILWAUKEE	WI	-7	13	4	63	62
28	16.7	19	10.3	34	16.4	MONROE	WI	-38	59	-1	60	81
12	10.3	22	17.6	27	15.7	ONEIDA	WI	70	-11	51	85	77
49	14.6	46	11.4	43	9.0	OUTAGAMIE	WI	-22	-21	-38	23	24
9	6.9	9	5.0	18	7.6	OZAUKEE	WI	-27	51	10	68	15
4	8.4	4	10.6	2	3.8	PEPIN	WI	27	-64	-55	11	04
7	5.9	14	10.9	13	9.2	PIERCE	WI	84	-15	56	86	25
15	10.8	16	8.9	19	10.7	POLK	WI	-17	20	-1	60	37
25	15.3	15	7.7	22	10.0	PORTAGE	WI	-49	29	-35	26	32
16	15.7	11	10.5	26*	22.6	PRICE	WI	-33	115	44	83	95
66	12.4	67	11.0	79	11.4	RACINE	WI	-11	4	-8	53	44
11	11.1	7	6.8	7	6.2	RICHLAND	WI	-39	-8	-44	19	10
56	12.8	67	13.5	68	11.9	ROCK	WI	6	-12	-7	55	49
8	10.1	10	11.3	11	10.9	RUSK	WI	12	-4	8	66	39
17	11.9	19	11.8	21	12.0	ST CROIX	WI	0	1	1	61	49
28	13.5	21	9.3	23	10.1	SAUK	WI	-31	9	-25	35	32
5	7.6	3	4.1	9	11.0	SAWYER	WI	-46	170	45	83	41
65	16.2	59	12.4	59	11.4	SHEBOYGAN	WI	-23	-9	-30	31	44
7	7.2	8	7.4	13	11.0	TAYLOR	WI	4	48	53	85	41
17	11.3	18	11.2	15	9.0	TREMPEALEAU	WI	-1	-19	-21	41	24
28	18.0	20	12.6	20	10.8	VERNON	WI	-30	-14	-40	22	39
5	9.5	7	8.5	13	11.8	VILAS	WI	-11	40	25	76	48
31	13.0	34	11.3	42	12.7	WALWORTH	WI	-13	12	-3	59	55
5	7.6	2	3.0	5	6.3	WASHBURN	WI	-61	113	-16	45	11
18	10.6	23	10.6	25	8.7	WASHINGTON	WI	0	-17	-18	43	22
52	11.8	77	11.6	125	14.3	WAUKESHA	WI	-1	23	21	74	68
31	13.4	26	9.8	40	14.6	WAUPACA	WI	-27	49	9	67	71
11	11.6	22*	20.7	14	12.0	WAUSHARA	WI	78	-42	4	63	50
60	13.5	54	10.0	75	12.9	WINNEBAGO	WI	-26	29	-4	57	58
21	9.2	28	10.3	29	8.9	WOOD	WI	13	-14	-3	58	23
151	12.6	168	12.1	197	12.5	WYOMING	WY	-4	4	-1		
17*	32.2	8	10.7	4	6.1	ALBANY	WY	-67	-43	-81	01	10
4	8.3	7	11.5	5	7.5	BIG HORN	WY	40	-35	-9	52	15
2	8.2	2	6.1	6	18.6	CAMPBELL	WY	-25	203	128	94	88
6	12.4	5	7.4	11	16.8	CARBON	WY	-40	128	36	80	82
7	25.7	4	13.8	6	12.8	CONVERSE	WY	-46	-7	-50	14	57
1	4.4	1	5.1	2	19.3	CROOK	WY	17	275	339	99	90
13	16.4	17	20.9	14	13.4	FREMONT	WY	27	-36	-18	43	62
10	17.7	2	3.4	5	7.5	GOSHEN	WY	-81	119	-58	09	15
4	12.7	6	20.2	4	9.7	HOT SPRINGS	WY	59	-52	-24	37	29
5	17.0	4	13.5	5	11.8	JOHNSON	WY	-21	-13	-31	30	48
11	6.0	22	10.0	23	9.9	LARAMIE	WY	67	-1	65	88	31
3	8.6	3	7.0	4	8.2	LINCOLN	WY	-19	18	-5	57	19
18	12.4	26	15.5	43*	20.4	NATRONA	WY	25	32	64	87	93
6	37.3	3	16.3	4	19.4	NIOBRARA	WY	-56	19	-48	15	91
3	3.1	13	13.9	18	16.7	PARK-TETON#	WY	353	21	446	99	82

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 164,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
4	9.1	4	11.0	4	8.7	PLATTE WY	21	-21	-5	57	22
15	11.7	19	16.9	14	11.6	SHERIDAN WY	45	-32	-1	60	45
1	8.4	2	12.9	2	10.4	SUBLETTE WY	54	-20	24	75	35
12	16.0	10	12.0	3	2.9	SWEETWATER WY	-25	-76	-82	01	03
1	2.2	4	9.7	6	14.0	UINTA WY	335	44	525	99	66
4	12.7	3	7.2	8	22.7	WASHAKIE WY	-44	216	78	90	95

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
96509	13.5	102823	11.1	117424	10.1	UNITED STATES	-18	-9	-25		
1035	11.8	1301	10.7	1676	10.3	ALABAMA AL	-9	-4	-13		
6	12.8	10	16.9	11	11.9	AUTAUGA AL	32	-29	-7	71	73
19	13.9	28	11.6	26	6.8	BALDWIN AL	-17	-41	-51	23	22
8	12.5	5	7.0	14	14.8	BARBOUR AL	-44	110	19	83	88
5	9.6	11	19.5	12	15.4	BIBB AL	104	-21	61	92	90
19	17.7	15	11.6	14	7.7	BLOUNT AL	-34	-34	-56	17	30
5	21.1	3	13.5	4	14.1	BULLOCK AL	-36	4	-33	43	65
12	15.9	15	16.1	21*	19.7	BUTLER AL	1	22	24	84	96
34	15.2	50	13.8	65	13.2	CALHOUN AL	-9	-4	-13	65	81
10	8.5	20	14.2	24	11.8	CHAMBERS AL	66	-17	38	88	72
6	10.2	7	10.6	13	13.6	CHEROKEE AL	4	28	33	87	84
19	18.3	21	16.3	30*	18.3	CHILTON AL	-11	12	0	75	95
3	7.9	4	7.1	6	11.4	CHOCTAW AL	-11	61	43	89	69
13	20.5	15*	19.0	19*	19.1	CLARKE AL	-7	0	-7	70	95
4	6.0	7	9.7	10	12.3	CLAY AL	62	27	105	96	76
2	4.3	6	11.5	5	7.4	CLEBURNE AL	167	-36	72	93	27
16	16.2	29*	22.6	18	10.6	COFFEE AL	40	-53	-34	41	62
8	6.1	23	12.6	23	9.8	COLBERT AL	104	-22	60	92	54
3	5.2	5	8.3	11	13.4	CONECUH AL	60	62	159	97	83
6	16.7	2	4.5	6	11.4	COOSA AL	-73	152	-32	45	70
13	8.3	14	7.1	25	10.3	COVINGTON AL	-15	45	24	84	59
6	9.7	7	10.6	17*	21.0	CRENSHAW AL	9	98	116	96	97
20	12.4	32	12.6	36	10.3	CULLMAN AL	2	-18	-16	62	60
14	15.5	12	11.8	12	7.5	DALE AL	-24	-37	-52	21	27
17	16.6	14	11.0	24	14.6	DALLAS AL	-33	32	-12	66	87
24	13.9	32	14.3	30	9.2	DE KALB AL	3	-36	-34	42	46
17	18.0	13	9.5	17	9.9	ELMORE AL	-47	4	-45	28	55
8	8.6	12	11.0	8	5.4	ESCAMBIA AL	28	-51	-37	39	13
33	10.2	31	7.2	71	12.8	ETOWAH AL	-29	79	26	85	79
8	11.1	13	16.1	11	12.0	FAYETTE AL	45	-26	8	79	74
15	16.5	12	9.6	14	7.9	FRANKLIN AL	-42	-18	-52	21	32
12	13.4	9	8.0	23*	16.4	GENEVA AL	-40	105	22	84	93
2	16.3	1	5.3	1	2.4	GREENE AL	-68	-54	-85	01	04
		10*	27.8	5	9.7	HALE AL		-65			53
10	22.6	9	16.1	5	7.9	HENRY AL	-29	-51	-65	10	31
13	8.4	18	8.6	25	8.4	HOUSTON AL	2	-2	0	74	37
23	16.4	19	10.5	29	12.1	JACKSON AL	-36	15	-26	51	74
160	9.9	221	9.7	295	9.9	JEFFERSON AL	-2	3	0	75	55
7	11.4	5	5.6	14	14.6	LAMAR AL	-51	163	28	85	88
22	12.3	19	7.0	31	7.9	LAUDERDALE AL	-44	14	-36	40	32
9	12.5	13	13.9	16	13.0	LAWRENCE AL	11	-7	3	77	80
14	16.8	16	12.2	10	5.0	LEE AL	-27	-59	-70	07	11
13	12.1	19	13.4	34*	16.2	LIMESTONE AL	11	21	34	87	92
1	4.7	3	12.3	7*	25.5	LOWNDES AL	163	108	445	99	98
4	16.2	3	10.5	4	12.5	MACON AL	-35	19	-23	56	77
16	6.7	43	10.6	56	9.0	MADISON AL	58	-16	33	87	43
3	6.6	6	11.7	11	15.8	MARENGO AL	79	35	141	97	91
10	10.1	10	7.6	10	5.3	MARION AL	-25	-31	-48	25	12
9	5.7	32	12.8	32	9.1	MARSHALL AL	124	-29	59	92	44
75	11.4	81	8.8	104	8.3	MOBILE AL	-23	-6	-28	50	35
4	7.4	8	11.9	3	2.6	MONROE AL	61	-78	-65	11	04
40	11.0	73	14.0	78	11.0	MONTGOMERY AL	27	-21	0	75	66
28	14.1	16	5.3	40	10.0	MORGAN AL	-62	87	-29	48	56
2	6.1	3	7.7	4	8.0	PERRY AL	26	4	31	86	32
8	13.7	3	3.7	6	6.6	PICKENS AL	-73	77	-52	21	20
6	7.1	9	8.1	15	12.7	PIKE AL	14	56	77	94	78
10	12.2	12	11.4	9	8.8	RANDOLPH AL	-7	-23	-28	50	42
24*	31.5	25*	20.1	14	9.2	RUSSELL AL	-36	-54	-71	06	47
14	16.3	11	9.0	29*	16.6	ST CLAIR AL	-45	85	2	76	93
11	10.9	7	5.2	14	7.3	SHELBY AL	-53	42	-33	44	26
5	15.7	1	2.0	6	12.4	SUMTER AL	-87	519	-21	57	77
21	12.4	28	13.0	30	10.2	TALLADEGA AL	5	-21	-18	61	58
10	9.1	19	12.7	16	8.3	TALLAPOOSA AL	40	-35	-9	69	36
24	8.5	23	5.3	48	9.5	TUSCALOOSA AL	-38	78	11	80	49
32	17.2	30	11.5	34	9.6	WALKER AL	-33	-17	-44	30	52
2	5.5	10*	22.5	8	13.2	WASHINGTON AL	305	-41	139	97	81
4	14.1	3	9.0	4	8.8	WILCOX AL	-36	-3	-38	37	41
14*	21.6	15*	19.8	9	9.0	WINSTON AL	-9	-55	-59	15	43
		40	12.3	65	12.5	ALASKA AK		1			
337	10.6	575	9.4	1223*	11.0	ARIZONA AZ	-11	17	4		
2	10.0	2	8.5	1	2.5	APACHE AZ	-15	-70	-75	04	04
24	14.5	26	11.0	49*	14.9	COCHISE AZ	-24	36	3	76	89
7	11.7	3	4.3	18	14.1	COCONINO AZ	-63	228	20	84	86
12	15.3	9	7.7	21	11.4	GILA AZ	-50	48	-26	52	69
4	9.8	7	12.3	17*	20.0	GRAHAM AZ	26	63	104	96	96
4	11.0	8*	20.8	2	4.6	GREENLEE AZ	88	-78	-59	15	08
182	11.0	305	8.9	712	11.0	MARICOPA AZ	-20	25	0	75	66
1	3.9	6	6.6	32	11.9	MOHAVE AZ	69	79	203	98	73
7	12.8	11	16.7	21*	18.3	NAVAJO AZ	30	10	43	89	95
67	9.5	138	10.1	248	10.3	PIMA AZ	7	2	9	79	59
9	7.9	21	11.0	30	9.8	PINAL AZ	38	-11	23	84	53
6	14.8	9	15.4	14*	16.9	SANTA CRUZ AZ	4	10	14	81	93
11	8.8	8	4.0	26	6.1	YAVAPAI AZ	-54	52	-30	47	17
1	1.2	22	14.2	32	10.2	YUMA AZ	1086	-28	750	99	58
836	12.4	1177*	13.4	1444*	12.1	ARKANSAS AR	8	-10	-2		
14	18.3	6	5.3	18	12.9	ARKANSAS AR	-71	144	-29	48	80
4	7.1	7	8.8	17	14.8	ASHLEY AR	23	68	108	96	88
8	14.4	21*	19.6	31	15.6	BAXTER AR	36	-20	9	79	91
27	11.7	23	7.4	55	12.0	BENTON AR	-37	63	2	76	74

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5..6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
10	10.6	18	13.9	25	14.0	BOONE	AR	30	1	31	86	85
4	8.9	1	1.4	5	5.6	BRADLEY	AR	-84	285	-37	38	13
5	25.6	2	7.4	4	12.8	CALHOUN	AR	-71	72	-50	23	79
22*	28.4	12	13.1	5	4.8	CARROLL	AR	-54	-64	-83	01	09
3	7.3	13*	29.2	7	13.8	CHICOT	AR	303	-53	90	95	84
7	8.3	13	13.4	13	9.6	CLARK	AR	63	-29	16	82	51
16	13.3	15	11.0	14	7.4	CLAY	AR	-17	-33	-44	29	27
8	16.2	7	11.4	11	10.7	CLEBURNE	AR	-30	-6	-34	42	63
4	13.7	5	14.3	3	9.2	CLEVELAND	AR	4	-36	-33	43	45
3	4.3	11	10.0	20	13.8	COLUMBIA	AR	134	38	223	98	84
5	7.6	5	7.6	12	10.4	CONWAY	AR	0	37	37	88	61
21	12.0	41*	16.7	37	11.2	CRAIGHEAD	AR	39	-33	-7	70	68
15	14.0	27*	19.5	18	9.7	CRAWFORD	AR	39	-50	-30	47	53
4	8.0	10	11.4	23*	19.8	CRITTENDEN	AR	42	75	149	97	96
13	22.5	23*	30.4	24*	26.7	CROSS	AR	36	-12	19	83	99
3	7.5	2	4.3	4	6.8	DALLAS	AR	-42	58	-9	69	22
2	6.8	8	13.5	7	10.0	DESHA	AR	100	-26	48	90	56
2	3.3	7	11.9	7	8.5	DREW	AR	263	-28	161	97	38
13	12.3	14	9.9	22	10.8	FAULKNER	AR	-20	9	-12	66	64
7	9.5	16*	19.7	13	12.8	FRANKLIN	AR	108	-35	35	87	79
5	12.1	6	11.5	9	11.1	FULTON	AR	-5	-3	-8	69	67
40	16.9	60*	17.4	68*	13.4	GARLAND	AR	3	-23	-21	58	82
4	12.3	7	12.8	10	13.1	GRANT	AR	4	2	6	78	80
21	16.4	28*	18.5	21	10.4	GREENE	AR	13	-44	-36	39	61
16	19.9	16	16.5	8	7.7	HEMPSTEAD	AR	-17	-53	-61	13	30
13	14.3	20*	18.0	16	10.9	HOT SPRING	AR	25	-39	-24	55	65
8	14.1	10	13.0	9	12.0	HOWARD	AR	-8	-8	-15	63	74
8	6.7	25*	17.2	16	8.9	INDEPENDENCE	AR	156	-48	33	86	42
8	18.0	3	5.4	9	12.0	IZARD	AR	-70	124	-33	43	74
10	10.7	8	8.0	9	6.9	JACKSON	AR	-26	-13	-35	40	23
24	12.3	22	9.6	34	11.0	JEFFERSON	AR	-22	15	-10	68	66
12	15.1	11	13.3	22*	15.2	JOHNSON	AR	-12	15	1	75	90
2	9.1	3	8.0	5	9.0	LAFAYETTE	AR	-13	13	-1	74	44
15	17.0	18	16.1	21*	14.6	LAWRENCE	AR	-6	-9	-14	64	88
3	8.2	7	18.4	7	14.7	LEE	AR	126	-20	80	94	88
		6	18.2	10*	19.1	LINCOLN	AR		5			95
3	8.0	2	5.6	8	12.3	LITTLE RIVER	AR	-29	119	55	91	76
14	13.5	15	11.9	22	13.3	LOGAN	AR	-12	12	-2	74	82
8	8.8	30*	25.5	17	11.6	LONOKE	AR	191	-54	33	86	71
8	13.7	9	14.5	4	4.7	MADISON	AR	6	-68	-66	10	09
4	11.9	10	23.1	17*	21.9	MARION	AR	94	-6	83	94	97
17	14.9	20	13.8	28*	14.2	MILLER	AR	-7	3	-4	72	86
23	15.8	39*	19.1	37	14.3	MISSISSIPPI	AR	21	-25	-9	68	86
3	9.3	10	21.2	10	17.1	MONROE	AR	128	-20	83	94	93
6	20.2	6	13.4	3	5.5	MONTGOMERY	AR	-34	-59	-73	05	13
5	9.6	6	8.4	10	15.7	NEVADA	AR	-13	87	63	92	91
2	6.0	3	8.2	3	7.0	NEWTON	AR	37	-15	17	82	23
9	10.9	23*	19.3	13	8.1	OUACHITA	AR	77	-58	-25	53	34
4	14.1	1	2.4	6	15.1	PERRY	AR	-83	527	7	78	89
6	9.7	12	13.4	16	15.0	PHILLIPS	AR	37	12	54	91	89
		8	14.9	10	12.0	PIKE	AR		-20			74
11	11.3	24*	20.3	32*	21.6	POINSETT	AR	80	7	92	95	97
18*	22.5	13	12.8	18	15.2	POLK	AR	-43	18	-32	44	89
12	11.6	15	11.5	23	11.3	POPE	AR	-1	-3	-3	73	68
7	16.3	9	19.2	8	14.6	PRAIRIE	AR	18	-24	-11	67	87
89	11.2	135	12.7	205*	14.3	PULASKI	AR	13	13	27	85	86
6	8.4	11	13.1	13	11.9	RANDOLPH	AR	57	-9	42	89	73
7	12.2	7	9.9	15	17.4	ST FRANCIS	AR	-19	75	43	89	94
10	9.1	19	12.0	14	6.7	SALINE	AR	32	-44	-26	51	21
1	1.9	5	9.0	5	7.7	SCOTT	AR	372	-15	302	99	29
4	7.8	9	16.3	5	5.6	SEARCY	AR	108	-66	-29	49	13
33	10.3	43	10.2	48	8.1	SEBASTIAN	AR	-1	-21	-22	57	34
2	3.9	9	12.7	21*	22.8	SEVIER	AR	227	79	485	99	98
2	6.4	5	10.5	6	4.6	SHARP	AR	65	-56	-28	50	08
4	14.1	3	6.5	13*	24.8	STONE	AR	-54	279	76	93	98
17	9.9	21	10.1	39	13.9	UNION	AR	2	37	40	88	85
11*	29.0	7	12.5	4	4.5	VAN BUREN	AR	-57	-64	-85	01	08
41	16.0	37	10.2	57	11.0	WASHINGTON	AR	-36	7	-31	45	65
24	14.7	40*	18.9	25	9.0	WHITE	AR	29	-52	-38	36	44
6	17.0	8	16.0	4	6.7	WOODRUFF	AR	-6	-58	-61	14	21
10	14.4	6	7.0	16	14.9	YELL	AR	-51	111	3	76	88
6770	11.3	8894	10.4	10914	9.9	CALIFORNIA	CA	-8	-5	-13		
451	11.5	545	11.3	547	10.4	ALAMEDA	CA	-1	-8	-9	68	60
				2*	90.8	ALPINE	CA					99
7	12.6	8	11.9	9	7.7	AMADOR	CA	-5	-36	-39	35	29
46	11.5	65	11.3	92	10.9	BUTTE	CA	-2	-4	-6	71	64
7	13.6	7	8.6	13	11.7	CALAVERAS	CA	-37	36	-14	65	72
9	17.8	7	11.0	16*	19.3	COLUSA	CA	-38	76	9	79	96
105	10.4	169	9.3	273	9.8	CONTRA COSTA	CA	-11	5	-6	71	53
4	8.0	6	10.0	7	8.1	DEL NORTE	CA	25	-19	1	75	34
8	10.0	22	12.2	35	11.1	EL DORADO	CA	22	-9	11	80	67
116	9.8	191	11.4	216	9.7	FRESNO	CA	16	-15	-2	74	52
9	11.9	7	6.8	12	8.8	GLENN	CA	-43	29	-26	52	41
45	14.0	60	14.3	78*	15.0	HUMBOLDT	CA	2	5	7	78	89
30*	20.1	24	9.4	33	11.6	IMPERIAL	CA	-53	23	-42	32	71
8	20.6	7	10.0	18*	15.7	INYO	CA	-52	58	-24	55	91
70	9.1	111	9.5	158	9.7	KERN	CA	4	2	7	78	52
34*	20.7	32	15.0	34	12.5	KINGS	CA	-28	-17	-40	34	77
17	20.5	22	15.4	36	13.7	LAKE	CA	-25	-11	-33	43	84
4	7.7	8	12.5	21*	24.3	LASSEN	CA	63	94	216	98	98
2865	11.2	3535	10.6	3407	9.3	LOS ANGELES	CA	-5	-12	-17	61	47
21	16.4	16	9.0	21	8.4	MADERA	CA	-45	-7	-49	24	36
55	11.7	80	10.2	110	9.9	MARIN	CA	-13	-3	-16	63	54
4	16.6	5	13.5	9	13.0	MARIPOSA	CA	-19	-4	-22	57	80
17	8.1	31	11.7	38	11.3	MENDOCINO	CA	44	-3	39	88	69
29	11.6	41	11.7	34	7.0	MERCED	CA	0	-40	-40	34	23
4	10.9	1	2.3	8	15.6	MODOC	CA	-79	584	44	89	91
		8*	71.2			MONO	CA					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
50	9.4	83	10.1	120	10.4	MONTEREY CA	7	3	11	80	60
34	9.9	40	8.4	62	9.1	NAPA CA	-15	9	-8	70	45
20	14.6	24	13.7	30	9.5	NEVADA CA	-6	-30	-35	41	50
185	10.4	377	9.0	712	9.1	ORANGE CA	-14	1	-12	66	45
33	12.8	55*	15.1	56	10.2	PLACER CA	17	-32	-21	58	58
7	14.4	5	10.2	6	7.1	PLUMAS CA	-29	-30	-51	23	24
128	11.5	248	12.0	382	10.5	RIVERSIDE CA	4	-12	-8	69	62
154	10.6	266	12.2	336	10.4	SACRAMENTO CA	15	-15	-2	73	60
9	12.5	7	8.2	8	7.9	SAN BENITO CA	-35	-4	-37	38	31
205	11.5	320	11.3	381	9.6	SAN BERNARDINO CA	-2	-15	-17	61	50
293	9.5	316	6.0	806	9.8	SAN DIEGO CA	-37	65	4	77	54
570	13.4	523	11.3	525*	12.0	SAN FRANCISCO CA	-16	6	-11	67	74
102	11.3	136	10.6	162	9.9	SAN JOAQUIN CA	-6	-6	-12	66	55
25	8.0	62	12.2	80	9.6	SAN LUIS OBISPO CA	52	-21	20	83	51
177	14.4	261	11.9	294	9.7	SAN MATEO CA	-18	-18	-33	44	52
49	7.7	99	9.1	145	8.8	SANTA BARBARA CA	17	-3	14	81	41
198	10.3	345	10.5	539*	11.2	SANTA CLARA CA	3	7	10	80	68
64	11.7	98	11.4	140*	12.1	SANTA CRUZ CA	-2	6	3	76	74
24	13.6	36	12.5	45	8.7	SHASTA CA	-8	-31	-36	39	40
2	23.3	1	7.3			SIERRA CA	-69				
12	9.0	16	10.0	21	10.2	SISKIYOU CA	11	1	13	81	58
49	13.0	56	10.9	81	10.9	SOLANO CA	-16	1	-16	63	65
84	12.1	106	9.8	164	10.0	SONOMA CA	-19	2	-17	61	56
91	13.5	95	10.3	121	9.2	STANISLAUS CA	-24	-10	-32	45	47
13	11.7	16	10.5	22	10.0	SUTTER CA	-10	-5	-14	64	56
17	15.9	15	10.8	28	11.9	TEHAMA CA	-32	10	-25	54	73
1	4.6	6	18.2	3	5.1	TRINITY CA	291	-72	11	80	11
84	14.0	87	10.5	106	9.9	TULARE CA	-25	-6	-30	47	54
9	12.8	10	9.9	29*	17.1	TUOLUMNE CA	-23	74	34	87	94
72	11.6	129	11.7	216	11.4	VENTURA CA	0	-3	-2	73	69
34	18.7	34	11.7	50	11.2	YOLO CA	-37	-5	-40	34	68
10	8.9	14	10.8	17	9.1	YUBA CA	21	-16	2	76	44
721	10.3	952	10.1	1097	9.0	COLORADO CO	-2	-11	-13		
20	12.4	40	11.6	62	9.6	ADAMS CO	-6	-18	-23	56	51
4	12.4	3	7.4	6	12.6	ALAMOSA CO	-40	70	2	76	78
		1	7.8	3	23.2	ARCHULETA CO		196			98
8*	30.0			5	11.2	BACA CO			-63	12	68
4	12.1	6	16.7	6	15.3	BENT CO	38	-8	27	85	90
26	8.7	43	9.3	42	5.9	BOULDER CO	6	-36	-32	44	16
6	13.4	4	7.9	11	16.0	CHAFFEE CO	-41	101	19	83	92
		1	8.6	2	20.5	CHEYENNE CO		138			96
1	5.5	2	10.6	2	7.9	CLEAR CREEK CO	91	-25	43	89	32
3	10.2	2	6.2	6	18.7	CONEJOS CO	-39	203	83	94	95
5	31.5	2	10.7			COSTILLA CO	-66				
4	18.9	1	3.6	1	7.7	CROWLEY CO	-81	112	-59	14	29
3	3.4	6	4.7	8	4.7	DELTA CO	39	-1	37	88	09
251	9.2	372	10.8	362	9.2	DENVER-ARAPAHOE#CO	17	-15	0	75	46
1	17.9	1	17.9	2	28.3	DOLORES CO	0	58	58	92	99
4	17.4	5	15.9	6	10.7	DOUGLAS CO	-9	-33	-39	36	63
3	15.4	4	20.1	2	8.7	EAGLE CO	30	-57	-44	30	40
2	10.1	4	18.5	5	19.2	ELBERT CO	83	4	89	95	96
58	11.0	49	6.6	94	9.2	EL PASO CO	-40	39	-16	62	46
15	11.6	15	8.9	13	6.0	FREMONT CO	-23	-33	-49	25	16
5	8.1	4	5.1	5	4.9	GARFIELD CO	-37	-4	-39	35	10
				1	13.3	GILPIN CO					81
2	20.0			6*	27.1	GRAND CO			36	87	99
1	7.3	4	17.1	1	4.3	GUNNISON CO	136	-75	-41	33	07
1*	112.4					HINSDALE CO					
10	22.8	10*	20.9	8	14.6	HUERFANO CO	-8	-30	-36	39	87
3*	37.7	2	22.9			JACKSON CO	-39				
28	8.6	54	9.1	103	8.6	JEFFERSON CO	6	-5	1	75	39
				1	12.7	KIOWA CO					79
4	12.2	4	10.3	4	9.6	KIT CARSON CO	-16	-7	-21	57	51
3	17.3	5	25.9	4	16.5	LAKE CO	50	-36	-5	71	93
5	6.7	6	6.5	9	8.0	LA PLATA CO	-3	23	19	83	32
33	12.2	41	10.3	44	7.1	LARIMER CO	-16	-31	-42	32	24
21	19.2	12	10.4	13	12.9	LAS ANIMAS CO	-46	24	-33	44	79
3	9.1	7*	22.5	9*	19.3	LINCOLN CO	147	-14	112	96	96
4	5.3	7	7.3	7	6.2	LOGAN CO	37	-15	17	82	17
21	10.6	33	11.0	37	9.5	MESA CO	4	-14	-10	68	50
				1	24.8	MINERAL CO					98
2	9.8	2	5.9	3	7.5	MOFFAT CO	-40	28	-23	55	27
4	8.9	5	10.0	5	6.9	MONTEZUMA CO	12	-31	-23	56	22
7	11.2	13	15.2	15	13.2	MONTROSE CO	36	-13	18	83	81
11	13.5	11	9.8	13	9.0	MORGAN CO	-27	-9	-33	43	43
17	13.6	14	10.4	17	11.2	OTERO CO	-23	7	-18	61	68
				2	9.1	PARK CO					45
5	18.5	1	2.0	1	3.7	PHILLIPS CO	-89	83	-80	02	06
		1	2.3			PITKIN CO					
13	21.0	13	18.5	7	9.6	PROWERS CO	-12	-48	-55	18	50
46	9.6	54	9.1	59	8.6	PUEBLO CO	-4	-5	-10	68	39
2	13.1	1	5.9	3	13.3	RIO BLANCO CO	-55	126	1	75	82
8	19.0	14*	26.2	6	10.3	RIO GRANDE CO	38	-61	-46	27	59
5	15.8	3	9.5	8*	23.5	ROUTT CO	-40	148	49	90	98
1	7.0	4	19.7	2	8.2	SAGUACHE CO	182	-59	17	82	34
1	15.5	1	36.4			SAN JUAN CO	135				
1	10.7	1	9.4			SAN MIGUEL CO	-12				
1	4.8	1	3.3	2	8.8	SEDGWICK CO	-31	164	84	94	41
1	11.8	1	24.6			SUMMIT CO	108				
1	6.4	1	5.2	2	7.8	TELLER CO	-18	50	23	84	31
3	9.7	4	12.1	7	19.4	WASHINGTON CO	25	60	100	95	96
27	9.0	48	12.0	48	9.2	WELD CO	34	-23	3	76	46
3	5.6	9	11.9	6	9.7	YUMA CO	113	-19	73	93	52
1565	13.7	1714	11.7	1945	10.4	CONNECTICUT CT	-15	-11	-24		
389	13.3	441	11.6	497	10.2	FAIRFIELD CT	-13	-12	-23	56	59
423	14.5	456	11.9	530	10.7	HARTFORD CT	-18	-10	-26	51	63

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
89	14.8	94	11.7	105	10.2	LITCHFIELD	CT	-21	-13	-31	46	59
41	9.0	65	11.1	59	8.1	MIDDLESEX	CT	23	-27	-11	67	33
400	13.0	435	11.3	528	10.9	NEW HAVEN	CT	-13	-4	-16	62	64
128	15.2	147*	14.2	126	9.8	NEW LONDON	CT	-6	-31	-35	40	53
39	16.3	30	9.0	49	11.3	TOLLAND	CT	-44	25	-31	46	69
56	14.9	46	9.9	51	9.1	WINDHAM	CT	-34	-9	-39	35	44
194	12.6	292*	14.0	353*	12.9	DELAWARE	DE	12	-8	2		
21	10.1	35	12.8	49	14.0	KENT	DE	27	9	38	88	85
122	11.7	212*	14.9	236*	12.8	NEW CASTLE	DE	28	-14	10	79	79
51	17.1	45	11.8	68	12.6	SUSSEX	DE	-31	6	-27	51	78
430	15.0	275	10.6	196	10.0	DIST. OF COLUMBIA	DC	-29	-6	-33		
430	15.0	275	10.6	196	10.0	WASHINGTON	DC	-29	-6	-33	43	56
2196	13.4	3088	9.5	4703	8.0	FLORIDA	FL	-29	-15	-40		
24	15.9	25	10.3	43	11.8	ALACHUA	FL	-35	14	-26	52	72
1	5.0	4	14.9	8	16.3	BAKER	FL	198	9	225	98	92
19	12.2	31	14.7	33	9.1	BAY	FL	21	-38	-25	53	45
3	8.1	7	14.1	11	15.4	BRADFORD	FL	75	9	90	95	90
19	9.3	42	8.6	87	7.2	BREVARD	FL	-8	-16	-23	55	25
88	9.1	280	9.1	534	7.9	BROWARD	FL	1	-14	-13	65	31
5	25.5	6	19.5	7	12.2	CALHOUN	FL	-24	-37	-52	21	75
8	20.9	20	8.1	42	7.1	CHARLOTTE	FL	-61	-13	-66	10	24
1	4.1	8	12.4	41	10.9	CITRUS	FL	204	-12	167	97	65
6	10.4	7	6.3	13	6.3	CLAY	FL	-39	0	-39	35	18
6	14.0	17	12.0	32	6.9	COLLIER	FL	-15	-43	-51	22	22
8	16.7	6	7.4	16	13.5	COLUMBIA	FL	-56	83	-19	59	83
462	15.5	587	9.8	840	8.5	DADE	FL	-37	-13	-45	28	38
5	10.0	11	13.1	8	6.0	DE SOTO	FL	31	-54	-40	34	16
3	18.8	4	21.3	9*	33.2	DIXIE	FL	13	56	77	94	99
135	12.2	191	11.7	216	9.5	DUVAL	FL	-4	-19	-23	56	49
46	12.8	62	11.6	77	9.5	ESCAMBIA	FL	-9	-18	-25	53	50
2	16.1	1	4.4	5	11.3	FLAGLER	FL	-73	159	-29	48	69
7*	25.3	4	12.9	4	8.9	FRANKLIN	FL	-49	-31	-65	11	43
8	8.5	9	7.5	8	5.0	GADSDEN	FL	-12	-33	-41	33	11
6*	49.4	1	5.0	3	14.3	GILCHRIST	FL	-90	187	-71	06	86
1	17.2			2	6.4	GLADES	FL			-63	12	19
4	25.5	4	14.9	1	3.2	GULF	FL	-42	-78	-87	00	05
5	23.3	1	4.2	7	20.6	HAMILTON	FL	-82	390	-12	66	96
4	7.1	13*	20.4	6	7.6	HARDEE	FL	187	-63	7	78	29
2	9.0	6	19.6	7	15.8	HENDRY	FL	119	-19	77	94	91
6	13.2	11	13.6	13	4.6	HERNANDO	FL	3	-66	-65	10	08
4	4.6	14	9.3	20	4.7	HIGHLANDS	FL	104	-50	2	76	09
215*	16.7	245	11.7	264	8.7	HILLSBOROUGH	FL	-30	-25	-48	25	40
7	12.8	6	8.2	6	6.6	HOLMES	FL	-36	-20	-49	25	20
8	10.1	14	6.3	22	4.8	INDIAN RIVER	FL	-38	-24	-53	20	09
13	12.3	7	5.5	15	8.5	JACKSON	FL	-56	55	-31	46	37
2	9.2	3	11.6	7	15.9	JEFFERSON	FL	26	37	73	93	92
3	19.9	2	14.9	2	9.5	LAFAYETTE	FL	-25	-36	-52	20	49
27	11.7	41	8.6	56	7.3	LAKE	FL	-27	-14	-37	38	26
23	12.2	56	10.9	108	8.0	LEE	FL	-11	-26	-34	41	33
16	11.9	22	10.8	28	7.9	LEON	FL	-9	-27	-34	42	31
8	21.3	4	7.2	8	9.5	LEVY	FL	-66	31	-56	17	49
		2	14.4	2	12.0	LIBERTY	FL		-17			74
3	7.3	2	4.3	4	6.7	MADISON	FL	-41	55	-9	69	21
38	10.8	78	9.9	96	6.5	MANATEE	FL	-8	-35	-40	34	19
25	16.2	22	8.6	46	8.1	MARION	FL	-47	-6	-50	24	34
7	10.8	12	6.4	31	6.7	MARTIN	FL	-41	0	-38	37	21
21*	21.8	22	14.7	32	10.9	MONROE	FL	-33	-26	-50	23	65
6	21.6	4	6.9	7	8.0	NASSAU	FL	-68	16	-63	12	33
6	6.7	16	10.0	33	10.9	OKALOOSA	FL	48	10	62	92	65
3	16.2	3	8.6	4	5.3	OKEECHOBEE	FL	-47	-39	-67	08	12
107	12.8	118	8.2	206	9.6	ORANGE	FL	-36	16	-25	53	50
11	6.3	17	8.9	32	9.1	OSCEOLA	FL	7	3	10	80	45
107	12.8	151	8.3	317	7.6	PALM BEACH	FL	-35	-8	-40	34	29
37*	19.3	50	10.3	106	7.3	PASCO	FL	-47	-29	-62	13	26
275	11.9	392	7.9	575	7.4	PINELLAS	FL	-34	-6	-38	37	27
86	13.9	102	9.7	118	7.1	POLK	FL	-30	-26	-49	25	24
19	19.9	21	15.3	22	8.9	PUTNAM	FL	-23	-42	-55	18	43
17	15.9	14	8.7	23	8.7	ST JOHNS	FL	-45	0	-45	28	40
8	7.1	20	10.0	29	6.8	ST LUCIE	FL	41	-33	-5	71	21
11	15.4	6	6.0	17	9.5	SANTA ROSA	FL	-61	58	-39	36	49
48	15.0	77	8.1	123	5.8	SARASOTA	FL	-46	-29	-61	13	15
20	15.0	26	10.6	44	7.0	SEMINOLE	FL	-30	-33	-53	20	24
6	16.5	4	5.7	5	5.5	SUMTER	FL	-69	-3	-70	07	13
6	12.7	5	6.9	11	10.8	SUWANNEE	FL	-46	58	-15	63	64
10*	35.3	9*	19.5	5	7.9	TAYLOR	FL	-45	-60	-78	03	32
2	14.3			6*	21.4	UNION	FL			50	91	97
78	12.5	123	9.5	172	7.9	VOLUSIA	FL	-24	-17	-37	38	31
3	22.4			7	17.0	WAKULLA	FL			-24	54	93
15*	23.7	13	15.7	10	7.9	WALTON	FL	-34	-50	-67	09	31
11*	26.9	7	14.2	11	16.5	WASHINGTON	FL	-47	16	-39	36	93
1256	11.9	1665	11.3	2155*	10.6	GEORGIA	GA	-5	-6	-11		
6	16.5	4	8.1	8	13.5	APPLING	GA	-51	66	-19	60	83
1	5.2	3	14.0	1	2.9	ATKINSON	GA	170	-79	-43	30	04
5	18.2	3	8.8	3	7.0	BACON	GA	-51	-21	-61	13	24
1	10.9	1	10.6	2	16.3	BAKER	GA	-2	54	50	91	92
4	3.0	3	1.8	16	11.5	BALDWIN	GA	-38	530	291	99	71
7	27.1	2	5.6	2	3.8	BANKS	GA	-79	-32	-86	01	06
5	10.2	9	10.5	6	5.4	BARROW	GA	2	-49	-47	26	12
17	21.2	19	16.5	22	12.9	BARTOW	GA	-22	-22	-39	35	80
3	6.7	9	13.9	10	12.7	BEN HILL	GA	108	-9	89	95	78
3	10.5	3	5.8	6	8.8	BERRIEN	GA	-44	50	-17	62	41
42	12.8	60	12.4	86*	14.7	BIBB	GA	-4	19	15	81	88

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
5	19.5	3	7.7	5	8.8	BLECKLEY GA	-60	14	-55	18	41
2	17.9	3	15.2	3	10.1	BRANTLEY GA	-15	-34	-43	30	57
8	18.5	13*	24.5	7	9.7	BROOKS GA	33	-60	-48	26	52
2	18.2	5*	43.6	2	7.0	BRYAN GA	139	-84	-62	13	24
7	11.5	8	8.2	19	13.2	BULLOCH GA	-28	60	14	81	81
1	2.7	1	1.9	3	5.5	BURKE GA	-29	183	100	95	13
5	15.9	11*	25.0	5	9.6	BUTTS GA	57	-62	-40	34	51
1	7.4	3	15.5	5*	29.8	CALHOUN GA	110	92	302	99	99
4	31.5	3	18.3	2	5.9	CAMDEN GA	-42	-68	-81	02	15
2	10.5	3	11.7	6	15.2	CANDLER GA	12	29	45	90	90
16	11.4	23	12.3	27	10.2	CARROLL GA	8	-17	-10	68	59
12	24.6	10	11.4	16	11.4	CATOOSA GA	-54	1	-54	19	70
3	22.7	1	6.2	3	11.1	CHARLTON GA	-73	79	-51	22	67
38	9.0	57	10.1	81	10.9	CHATHAM GA	13	8	21	84	64
9	11.7	12	12.5	17	14.2	CHATTOOGA GA	7	13	21	84	86
11	12.7	16	13.0	21	11.4	CHEROKEE GA	2	-12	-10	68	70
7	5.4	20	11.6	31	12.6	CLARKE GA	113	9	133	97	78
		1	7.0	3	25.5	CLAY GA		264			98
5	7.2	14	7.3	43	13.1	CLAYTON GA	3	78	83	94	81
34	15.0	57	12.5	77	9.5	COBB GA	-16	-24	-36	39	50
12	22.2	4	5.8	10	9.5	COFFEE GA	-74	66	-57	16	50
11	15.0	15	11.5	16	8.9	COLQUITT GA	-23	-23	-41	33	42
1	4.4	4	10.5	6	6.3	COLUMBIA GA	139	-40	44	90	18
4	11.0	6	12.4	1	1.6	COOK GA	12	-87	-85	01	03
12	12.4	23*	19.7	13	8.2	COWETA GA	59	-58	-33	42	35
		2	8.9			CRAWFORD GA					
5	10.6	4	6.6	8	9.8	CRISP GA	-38	48	-7	70	53
4	12.8	5	11.5	15*	28.4	DADE GA	-10	147	122	96	99
		3	15.9	3	12.9	DAWSON GA		-19			80
4	6.3	4	5.7	4	3.9	DECATUR GA	-9	-32	-38	36	06
91	13.9	129	11.9	164	10.0	DE KALB GA	-15	-15	-28	50	56
11	20.7	3	5.3	9	9.5	DODGE GA	-75	81	-54	19	50
5	15.9	8	20.3	5	10.7	DOOLY GA	28	-47	-33	44	63
9	9.6	18	9.1	23	9.5	DOUGHERTY GA	-5	4	-1	74	49
7	15.1	10	11.6	15	9.6	DOUGLAS GA	-23	-17	-36	39	52
2	4.9	2	4.0	6	10.0	EARLY GA	-18	149	105	96	56
3	9.0	2	4.5	7	13.5	EFFINGHAM GA	-50	201	50	91	83
12	20.4	8	10.3	9	9.0	ELBERT GA	-49	-12	-56	17	44
7	12.2	4	5.8	10	10.0	EMANUEL GA	-53	74	-17	61	56
1	5.1	4	16.3	2	6.8	EVANS GA	219	-59	32	86	21
6	10.5	9	11.7	8	7.9	FANNIN GA	12	-33	-25	54	31
3	11.7	7	19.6	11	17.0	FAYETTE GA	68	-13	46	90	93
21	9.2	34	11.2	52	12.3	FLOYD GA	22	10	34	87	76
6	13.0	10	15.8	6	5.2	FORSYTH GA	22	-67	-60	14	12
9	14.0	7	9.6	10	11.3	FRANKLIN GA	-32	18	-19	59	69
213	12.7	270*	12.8	246	10.5	FULTON GA	1	-18	-17	61	61
2	4.8	7	14.8	6	10.0	GILMER GA	207	-32	108	96	56
3	31.9			1	6.1	GLASCOCK GA			-81	02	16
9	11.7	9	6.8	17	8.1	GLYNN GA	-41	18	-31	46	33
2	2.1	6	5.7	14	9.9	GORDON GA	168	72	360	99	54
8	14.0	13	18.4	10	11.6	GRADY GA	31	-37	-18	61	71
3	8.5	4	10.9	3	5.3	GREENE GA	29	-51	-37	38	12
10	7.4	27	13.3	46	11.2	GWINNETT GA	79	-16	51	91	67
6	8.7	12	12.4	11	8.9	HABERSHAM GA	43	-28	3	76	42
13	7.6	16	6.8	36	10.8	HALL GA	-10	58	42	89	64
		1	3.7	5	18.7	HANCOCK GA		399			95
6	9.1	16*	20.4	9	9.0	HARALSON GA	125	-56	-1	74	43
2	6.6	4	11.0	3	4.6	HARRIS GA	67	-58	-30	47	09
3	5.4	9	14.6	6	7.1	HART GA	168	-52	30	86	24
7*	32.7	4	16.3	4	11.4	HEARD GA	-50	-30	-65	10	70
5	10.9	10	14.5	11	9.5	HENRY GA	33	-35	-13	65	49
3	6.3	15	14.0	22	10.8	HOUSTON GA	124	-23	73	93	64
2	14.2	4	11.6	3	5.4	IRWIN GA	-18	-53	-62	13	13
8	11.1	6	6.0	13	9.7	JACKSON GA	-46	62	-12	66	52
7*	33.9	6*	25.1	2	6.3	JASPER GA	-26	-75	-81	02	18
1	4.4	6	18.0	8	20.8	JEFF DAVIS GA	313	15	376	99	96
5	11.6	4	8.0	7	9.4	JEFFERSON GA	-31	18	-18	60	48
3	21.8	4	19.0	4	14.5	JENKINS GA	-13	-23	-33	43	87
1	2.9	2	6.7	5	13.1	JOHNSON GA	130	96	350	99	81
		7*	22.2	3	6.3	JONES GA		-72			18
6	18.8	6	13.8	5	9.3	LAMAR GA	-27	-33	-51	23	47
3	24.5	1	5.9	3	15.4	LANIER GA	-76	160	-37	38	90
10	13.6	9	8.5	15	10.3	LAURENS GA	-38	21	-24	54	59
1	37.2			1	4.4	LEE GA			-88	00	08
2	12.9	2	7.8	2	6.2	LIBERTY GA	-39	-20	-52	21	17
2	12.8	1	5.9	2	8.4	LINCOLN GA	-54	41	-34	41	37
		1	7.8	2	14.9	LONG GA		92			89
7	6.9	15	9.6	20	9.2	LOWNDES GA	40	-5	33	86	46
1	3.6	2	5.3	7	16.8	LUMPKIN GA	49	216	371	99	93
3	12.5			7	11.1	MC DUFFIE GA			-11	67	67
		2	14.5	6*	29.4	MC INTOSH GA		103			99
3	10.2	5	13.1			MACON GA	29				
6	12.5	9	15.7	8	11.0	MADISON GA	25	-30	-12	66	66
2	14.6	4*	29.5			MARION GA	102				
4	6.9	4	5.9	5	5.0	MERIWETHER GA	-15	-15	-28	50	10
		2	7.2	3	9.2	MILLER GA		28			46
3	6.4	3	5.0	8	11.3	MITCHELL GA	-22	127	77	94	69
4	14.3	7	19.7	9	17.1	MONROE GA	38	-13	20	83	94
4	18.8	5	23.4	1	3.9	MONTGOMERY GA	25	-83	-79	02	06
5	15.3	4	10.7	2	4.3	MORGAN GA	-30	-60	-72	06	07
8	19.4	4	7.8	13*	19.3	MURRAY GA	-60	146	-1	74	96
30	10.3	54	12.1	71	12.0	MUSCOGEE GA	17	-1	16	82	74
7	12.3	17*	19.8	20*	16.7	NEWTON GA	62	-16	36	88	93
4	15.4	6	20.4	3	7.2	OCONEE GA	33	-65	-53	19	25
3	10.4	2	6.5	6	16.3	OGLETHORPE GA	-38	153	57	92	92
7	14.4	9	13.6	9	9.5	PAULDING GA	-6	-30	-34	42	49
1	3.8	3	8.8	3	5.7	PEACH GA	129	-35	49	90	14
9*	26.5	7	15.8	7	9.9	PICKENS GA	-40	-37	-62	12	55
5	19.4	6	17.3	9	19.0	PIERCE GA	-11	10	-2	73	95
2	8.4	6	21.0	4	11.6	PIKE GA	151	-45	39	88	71

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
17	18.1	15	11.5	14	7.6	POLK	GA	-36	-34	-58	15	29
3	13.4	3	9.4	3	8.4	PULASKI	GA	-30	-10	-37	38	37
		1	4.4	4	12.3	PUTNAM	GA		181			75
2	49.9	1	18.9	1	8.6	QUITMAN	GA	-62	-54	-83	01	39
4	12.5	3	7.0	10	14.7	RABUN	GA	-44	110	17	82	88
5	18.0	5	14.2	11*	35.7	RANDOLPH	GA	-21	151	98	95	99
26	9.0	39	9.4	82*	14.8	RICHMOND	GA	5	57	65	93	88
4	12.1	5	8.9	12	11.7	ROCKDALE	GA	-27	31	-4	72	72
1	9.2			2	14.0	SCHLEY	GA			51	91	85
4	11.4	5	12.2	8	14.5	SCREVEN	GA	7	19	27	85	87
4	22.1	1	3.7	5	15.5	SEMINOLE	GA	-83	323	-30	47	91
24*	25.8	13	8.4	13	6.2	SPALDING	GA	-67	-27	-76	04	17
5	7.4	9	10.3	3	2.5	STEPHENS	GA	38	-75	-66	10	04
2	10.1			2	13.6	STEWART	GA			35	87	83
4	6.9	10	11.2	7	5.9	SUMTER	GA	63	-47	-14	64	16
3	15.9	3	17.8	1	6.5	TALBOT	GA	12	-64	-59	14	19
2	19.2	1	7.3	1	29.8	TALIAFERRO	GA	-62	311	55	91	99
3	7.5	4	6.8	7	10.2	TATTNALL	GA	-9	49	35	87	58
1	3.2	2	7.2	3	9.2	TAYLOR	GA	129	27	192	98	46
8	19.1	6	12.8	16*	27.2	TELFAIR	GA	-33	113	42	89	99
6	17.5	8	23.4	1	1.5	TERRELL	GA	34	-94	-92	00	03
5	4.8	14	10.7	10	6.2	THOMAS	GA	122	-43	28	85	17
11	19.2	4	4.7	13	10.4	TIFT	GA	-76	123	-46	27	60
5	7.3	3	3.6	14	13.9	TOOMBS	GA	-51	268	90	95	85
5	23.3	4	15.3	5	14.8	TOWNS	GA	-54	-3	-37	39	88
1	3.7	1	5.7	8*	27.9	TREUTLEN	GA	54	389	650	99	99
24	16.9	23	11.8	23	10.2	TROUP	GA	-30	-13	-39	35	59
1	4.2	3	8.0	5	11.1	TURNER	GA	90	40	166	97	67
1	9.0			7*	24.2	TWIGGS	GA			169	97	98
5	15.5	7	19.4	5	8.1	UNION	GA	25	-58	-48	26	34
6	7.7	5	5.6	16	11.7	UPSON	GA	-27	108	52	91	72
18	11.8	28	13.9	36	12.5	WALKER	GA	18	-10	5	78	77
8	11.8	14	13.7	18	14.6	WALTON	GA	16	7	24	85	88
6	7.3	7	5.5	15	8.1	WARE	GA	-26	52	12	81	34
3	15.9	3	15.4	4	17.5	WARREN	GA	-3	14	10	80	94
4	8.1	4	7.2	8	11.0	WASHINGTON	GA	-11	52	35	87	65
7	19.6	6	10.0	4	4.6	WAYNE	GA	-49	-54	-76	04	08
1	14.9	1	9.9	2	25.4	WEBSTER	GA	-33	156	71	93	98
1	7.5	2	8.2	2	6.5	WHEELER	GA	9	-20	-13	65	20
4	14.1	2	6.1	4	7.9	WHITE	GA	-56	29	-44	29	31
16	12.3	18	9.4	40	14.5	WHITFIELD	GA	-24	55	18	83	87
6	29.8	5	16.1	1	2.0	WILCOX	GA	-46	-87	-93	00	03
3	8.4	1	2.1	2	5.2	WILKES	GA	-75	145	-38	36	11
3	11.9	4	14.4	4	12.3	WILKINSON	GA	22	-15	4	77	76
8	21.1	9	18.1	6	9.0	WORTH	GA	-14	-50	-57	16	44
		63	10.0	85	8.5	HAWAII	HI		-15			
		5	11.7	4	3.6	HAWAII	HI		-70			06
		49	9.4	68	8.8	HONOLULU	HI		-6			41
		4	15.9	6	17.0	KAUAI	HI		7			93
		5	13.3	7	8.0	MAUI#	HI		-40			32
296	12.1	350	10.8	440	10.1	IDAHO	ID	-10	-7	-16		
39	10.5	45	8.4	80	10.6	ADA	ID	-20	26	1	75	62
2	14.1	1	7.0	3	19.5	ADAMS	ID	-50	179	39	88	96
21	15.2	32*	16.4	26	10.1	BANNOCK	ID	8	-38	-33	43	57
2	6.7	6	17.3	5	11.9	BEAR LAKE	ID	157	-31	76	94	73
1	4.7	4	12.5			BENEWAH	ID	167				
12	15.7	11	10.9	18	14.0	BINGHAM	ID	-31	29	-10	68	85
		2	9.7	3	8.6	BLAINE	ID		-12			39
		1	15.8	2	13.4	BOISE	ID		-15			82
14	21.9	9	11.2	5	4.5	BONNER	ID	-49	-60	-80	02	08
11	8.9	15	8.9	23	9.5	BONNEVILLE	ID	-1	7	7	78	50
2	8.1	3	10.6	7	18.8	BOUNDARY	ID	30	78	132	97	95
2	25.9	2	16.8	2	11.4	BUTTE	ID	-35	-32	-56	17	70
				1	29.8	CAMAS	ID					99
29	11.0	46	13.2	45	9.7	CANYON	ID	20	-26	-12	66	53
		2	10.1	1	2.9	CARIBOU	ID		-71			04
9	19.3	5	7.7	8	7.7	CASSIA	ID	-60	0	-60	14	29
		1	22.3			CLARK	ID					
6	26.2	4	12.2	5	12.6	CLEARWATER	ID	-54	3	-52	21	78
2	12.9	1	7.5	1	5.0	CUSTER	ID	-41	-34	-61	13	11
1	4.1	8	22.0	3	4.8	ELMORE	ID	439	-78	17	82	09
2	5.3	2	5.5	7	12.3	FRANKLIN	ID	5	123	134	97	76
5	17.9	4	10.6	3	5.9	FREMONT	ID	-41	-44	-67	09	15
6	15.8	5	9.3	7	8.9	GEM	ID	-42	-4	-44	30	42
9	19.5	3	5.9	7	9.3	GOODING	ID	-70	58	-52	21	47
8	17.8	7	11.7	5	5.8	IDAHO	ID	-34	-50	-67	09	15
		1	2.0	6	11.3	JEFFERSON	ID		459			69
8	20.8	4	7.9	9	12.4	JEROME	ID	-62	57	-40	33	76
11	7.8	16	8.8	33	12.5	KOOTENAI	ID	12	42	59	92	77
5	5.5	13	13.2	16	10.9	LATAH	ID	139	-18	97	95	65
3	13.8	1	3.8	2	5.7	LEMHI	ID	-73	49	-59	15	14
5	25.1	4	20.3	4	17.3	LEWIS	ID	-19	-15	-31	46	94
5*	31.9			2	13.9	LINCOLN	ID			-56	17	85
4	11.2	1	2.8	4	7.1	MADISON	ID	-75	155	-36	39	24
5	11.2	12*	21.8	10	14.3	MINIDOKA	ID	94	-34	28	85	87
19	16.1	22	15.0	24	13.3	NEZ PERCE	ID	-7	-12	-17	61	82
1	5.4	4	18.2	3	9.4	ONEIDA	ID	239	-48	76	93	48
1	3.9	1	4.3	2	4.1	OWYHEE	ID	11	-5	6	78	07
4	6.9	12	15.8	5	4.7	PAYETTE	ID	131	-70	-32	45	09
1	6.9	6*	30.2	1	5.2	POWER	ID	336	-83	-26	52	11
13	23.7	8	10.7	9	10.2	SHOSHONE	ID	-55	-5	-57	16	58
2	35.6	1	7.9	2	16.0	TETON	ID	-78	103	-55	18	92
21	11.5	18	7.0	27	8.4	TWIN FALLS	ID	-39	19	-27	50	36
2	7.0			1	5.8	VALLEY	ID			-16	62	15
3	6.6	7	14.3	13*	20.9	WASHINGTON	ID	115	46	214	98	97

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE	PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE 70S/50S	PERCENTILE RATES 1970S
5559	12.5	5154	9.6	5865	9.5	ILLINOIS IL	-23	-1	-24		
55	12.4	54	10.2	70	13.6	ADAMS IL	-18	33	9	79	84
16	20.5	12	14.4	10	12.4	ALEXANDER IL	-30	-14	-39	35	76
14	14.5	11	9.9	7	6.8	BOND IL	-31	-32	-53	20	22
9	8.0	15	12.7	17	11.7	BOONE IL	59	-7	47	90	72
10	19.6	3	4.6	2	2.4	BROWN IL	-76	-47	-88	00	04
28	11.9	29	10.6	21	7.5	BUREAU IL	-11	-29	-37	38	28
5	14.9	5	12.9	8	17.8	CALHOUN IL	-14	38	19	83	94
11	9.2	9	6.3	16	10.5	CARROLL IL	-32	67	14	81	61
9	9.1	6	4.5	11	8.0	CASS IL	-51	78	-13	66	32
47	11.1	48	8.9	52	7.9	CHAMPAIGN IL	-20	-11	-29	49	32
35	15.4	27	10.5	24	8.4	CHRISTIAN IL	-32	-20	-45	28	37
31*	26.5	13	8.9	15	9.5	CLARK IL	-67	7	-64	11	50
22*	22.3	7	5.7	8	5.2	CLAY IL	-74	-8	-77	04	12
16	13.5	14	10.7	19	9.0	CLINTON IL	-20	-16	-33	43	43
38	15.5	30	10.4	28	8.2	COLES IL	-33	-21	-47	26	35
2489	11.8	2390	9.7	2594	9.6	COOK IL	-18	0	-18	60	52
32*	23.6	11	6.7	22	12.3	CRAWFORD IL	-71	82	-48	25	76
11	19.0	7	9.7	9	12.5	CUMBERLAND IL	-49	29	-34	41	77
36	15.1	30	10.3	32	8.5	DE KALB IL	-32	-18	-44	29	37
6	5.5	8	7.4	17	10.3	DE WITT IL	36	39	89	95	59
15	15.2	12	9.9	10	7.8	DOUGLAS IL	-35	-22	-49	24	30
102	11.7	116	7.6	257	10.9	DU PAGE IL	-35	43	-7	70	65
32*	20.4	16	9.5	14	7.2	EDGAR IL	-54	-24	-65	11	25
11	22.9	8	16.8	9	11.0	EDWARDS IL	-27	-34	-52	21	66
27*	22.2	12	8.2	19	9.6	EFFINGHAM IL	-63	17	-57	16	51
42*	31.7	23	15.0	20	11.3	FAYETTE IL	-53	-25	-64	11	68
10	10.0	15	13.4	14	10.4	FORD IL	34	-22	4	77	61
41	15.8	47	15.4	45	11.7	FRANKLIN IL	-3	-24	-26	52	72
39	14.7	22	6.8	42	13.4	FULTON IL	-54	99	-9	69	82
7	14.8	8	17.7	3	4.6	GALLATIN IL	20	-74	-69	07	08
27*	21.6	16	10.0	14	8.9	GREENE IL	-54	-11	-59	15	42
11	10.4	8	6.5	14	8.9	GRUNDY IL	-38	37	-15	63	42
5	6.8	6	7.8	8	8.3	HAMILTON IL	14	7	22	84	36
21	11.3	18	9.5	16	7.3	HANCOCK IL	-16	-23	-35	40	25
9*	27.7	3	7.1	5	12.5	HARDIN IL	-74	75	-55	18	77
8	19.6	6	12.1	6	9.1	HENDERSON IL	-38	-25	-54	19	44
36	12.7	23	6.8	32	8.0	HENRY IL	-46	16	-38	37	32
27	14.0	20	9.2	25	10.1	IROQUOIS IL	-35	10	-28	49	57
29	15.6	26	11.4	26	9.3	JACKSON IL	-27	-18	-40	33	47
19*	25.4	11	14.6	11	12.6	JASPER IL	-42	-14	-50	23	78
31	17.8	20	9.7	27	11.3	JEFFERSON IL	-45	16	-36	39	69
14	17.6	18*	17.7	11	9.5	JERSEY IL	1	-46	-46	27	50
10	7.8	9	5.8	9	5.1	JO DAVIESS IL	-26	-11	-34	41	11
7	12.6	9	16.0	7	9.8	JOHNSON IL	27	-39	-22	56	53
95	9.8	95	8.0	115	8.3	KANE IL	-18	4	-15	63	36
31	7.0	29	5.6	46	8.3	KANKAKEE IL	-20	50	19	83	36
9	13.0	6	6.8	8	5.9	KENDALL IL	-48	-12	-54	19	16
33	9.2	28	6.5	47	9.0	KNOX IL	-30	39	-2	73	43
98	11.8	130	10.2	192	11.5	LAKE IL	-14	14	-2	73	71
76	12.9	61	8.6	67	7.9	LA SALLE IL	-33	-9	-39	35	31
16	13.5	13	8.5	18	12.3	LAWRENCE IL	-37	46	-9	69	76
23	11.4	27	12.1	24	9.0	LEE IL	6	-26	-21	57	43
37	16.1	35	12.7	23	7.3	LIVINGSTON IL	-21	-42	-54	18	26
11	6.1	15	6.9	15	6.2	LOGAN IL	13	-10	1	75	17
21	11.1	17	7.7	22	9.5	MC DONOUGH IL	-31	24	-14	64	50
37	11.3	46	9.7	54	7.8	MC HENRY IL	-14	-19	-30	47	31
70	14.8	51	9.0	65	9.9	MC LEAN IL	-39	11	-33	43	55
54	9.6	74	10.8	83	10.3	MACON IL	12	-5	6	78	59
45	15.2	36	9.4	28	6.7	MACOUPIN IL	-38	-29	-56	17	21
127	14.4	131	11.4	129	8.8	MADISON IL	-20	-23	-38	36	42
37	15.6	33	12.0	32	9.9	MARION IL	-23	-18	-37	39	55
9	11.6	5	5.7	5	4.8	MARSHALL IL	-51	-16	-59	15	09
11	12.4	15	13.1	12	8.3	MASON IL	6	-37	-33	43	35
16	20.9	11	12.4	11	9.9	MASSAC IL	-41	-20	-53	20	54
9	15.3	5	6.0	5	7.3	MENARD IL	-61	23	-52	21	26
13	12.6	12	10.6	16	12.1	MERCER IL	-16	14	-4	72	75
3	3.6	9	8.3	11	8.9	MONROE IL	128	7	144	97	42
34	15.4	20	7.8	21	7.8	MONTGOMERY IL	-49	0	-49	24	31
21	8.3	17	6.0	14	4.8	MORGAN IL	-28	-20	-43	31	09
4	5.1	11	11.4	4	3.3	MOULTRIE IL	126	-71	-34	42	05
22	12.1	21	9.4	20	7.3	OGLE IL	-22	-23	-40	34	26
125	13.1	87	7.9	113	8.9	PEORIA IL	-40	13	-32	44	42
25*	21.2	16	10.8	13	7.9	PERRY IL	-49	-27	-63	12	32
11	12.4	6	6.3	12	11.1	PIATT IL	-49	76	-11	67	66
21	14.6	12	7.4	18	9.9	PIKE IL	-49	34	-32	45	55
6	17.7	4	13.0	5	13.2	POPE IL	-27	2	-25	53	81
5	10.6	6	13.4	4	11.0	PULASKI IL	27	-18	4	77	66
4	18.2	4	13.7			PUTNAM IL	-25				
16	9.9	17	8.4	22	9.1	RANDOLPH IL	-15	9	-8	70	45
19	19.0	15	13.4	15	11.7	RICHLAND IL	-30	-13	-39	36	71
88	12.6	91	10.4	110	11.0	ROCK ISLAND IL	-17	5	-13	65	66
123	13.6	122	10.6	112	8.6	ST CLAIR IL	-22	-19	-37	38	39
29	16.0	23	10.1	26	9.1	SALINE IL	-37	-11	-44	30	44
88	11.6	88	9.2	90	7.9	SANGAMON IL	-21	-14	-32	44	31
14	22.2	8	10.4	5	6.0	SCHUYLER IL	-53	-42	-73	05	16
6	12.7	4	7.4	3	4.9	SCOTT IL	-41	-34	-62	13	10
29	17.3	22	11.7	17	9.9	SHELBY IL	-33	-15	-43	31	54
5	10.0	2	3.9	3	5.9	STARK IL	-61	52	-41	33	15
30	10.9	30	9.9	20	6.4	STEPHENSON IL	-9	-35	-41	33	19
37	11.4	34	7.2	63	9.6	TAZEWELL IL	-37	33	-16	62	51
16	12.3	15	10.7	21	14.9	UNION IL	-13	39	21	84	89
75	15.5	76	13.1	75	11.6	VERMILION IL	-15	-11	-25	54	71
8	9.2	6	6.4	9	10.2	WABASH IL	-30	58	10	80	57
20	15.0	9	5.8	5	3.1	WARREN IL	-61	-47	-79	02	04
18	19.6	8	7.7	8	6.3	WASHINGTON IL	-61	-18	-68	08	18
17	15.7	10	8.1	7	4.9	WAYNE IL	-49	-39	-69	08	10
14	11.2	9	6.2	12	6.5	WHITE IL	-45	5	-42	32	19

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
27	9.8	23	6.7	34	8.6	WHITESIDE	IL	-31	29	-12	66	39
84	12.1	115	12.5	147*	12.2	WILL	IL	3	-2	1	75	75
32	11.3	36	11.0	48	12.2	WILLIAMSON	IL	-3	10	7	78	75
89	10.6	91	8.5	116	8.8	WINNEBAGO	IL	-20	3	-18	61	41
16	12.9	11	6.5	19	9.1	WOODFORD	IL	-50	40	-29	48	45
2922*	14.3	2925*	11.7	3086	10.5	INDIANA	IN	-18	-11	-27		
14	12.2	9	6.1	15	9.3	ADAMS	IN	-50	52	-24	55	47
120	12.7	137	10.9	146	9.6	ALLEN	IN	-14	-12	-24	55	52
32	16.6	34	14.0	21	7.4	BARTHOLOMEW	IN	-16	-47	-55	17	27
5	7.0	5	6.0	10	13.3	BENTON	IN	-15	121	89	95	82
16	20.1	12	13.3	6	5.5	BLACKFORD	IN	-34	-59	-73	05	13
21	13.3	16	7.9	20	7.9	BOONE	IN	-41	1	-40	33	32
2	6.8	5	12.8	6	11.6	BROWN	IN	88	-10	70	93	71
15	15.3	16	13.2	10	7.8	CARROLL	IN	-14	-41	-49	24	30
34	12.5	29	9.9	35	11.4	CASS	IN	-21	15	-9	69	69
39	18.2	37	12.7	45	11.5	CLARK	IN	-30	-10	-37	38	71
16	10.2	20	11.6	22	11.7	CLAY	IN	14	1	14	81	72
33	17.6	22	10.1	19	7.2	CLINTON	IN	-43	-28	-59	15	25
6	11.1	13*	23.2	5	9.4	CRAWFORD	IN	109	-59	-15	63	48
24	16.4	10	6.1	14	7.4	DAVIESS	IN	-63	21	-55	18	27
23	16.9	19	12.1	18	9.4	DEARBORN	IN	-28	-23	-44	29	48
19	15.2	21	16.1	13	7.7	DECATUR	IN	6	-52	-49	24	29
30	19.7	27	16.2	20	11.0	DE KALB	IN	-18	-32	-44	29	66
57	13.2	61	11.1	79	11.8	DELAWARE	IN	-16	6	-11	67	72
17	14.2	18	13.0	13	6.7	DUBOIS	IN	-9	-48	-53	20	21
45	9.7	61	10.7	63	8.3	ELKHART	IN	10	-22	-14	65	36
16	14.3	17	12.8	8	5.2	FAYETTE	IN	-11	-59	-64	11	11
39	16.0	25	8.6	43	11.3	FLOYD	IN	-46	30	-30	48	68
14	12.1	17	14.2	13	10.4	FOUNTAIN	IN	17	-26	-14	64	60
17	18.9	10	11.1	13	13.5	FRANKLIN	IN	-41	22	-29	49	83
27*	26.8	22*	19.7	14	11.5	FULTON	IN	-26	-42	-57	16	71
25	14.0	17	7.5	17	7.8	GIBSON	IN	-46	3	-45	29	30
46	13.9	45	11.6	43	9.5	GRANT	IN	-16	-18	-31	45	50
27	15.5	33*	17.1	21	8.5	GREENE	IN	10	-50	-45	28	38
23	12.8	29	12.0	37	12.0	HAMILTON	IN	-6	0	-6	71	74
18	13.6	10	6.1	16	8.2	HANCOCK	IN	-55	35	-39	35	35
11	12.6	13	12.0	14	10.4	HARRISON	IN	-5	-14	-18	60	60
26	17.1	33*	15.8	39	13.6	HENDRICKS	IN	-7	-14	-21	58	63
49*	20.6	22	7.7	24	7.4	HENRY	IN	-63	-3	-64	11	27
53*	19.0	48	13.9	51	12.0	HOWARD	IN	-27	-14	-37	38	74
33	15.2	29	11.3	39	15.6	HUNTINGTON	IN	-26	38	3	76	91
13	8.4	21	11.9	24	11.6	JACKSON	IN	41	-2	38	88	71
9	10.0	12	12.7	10	8.4	JASPER	IN	27	-34	-16	62	37
22	16.4	27*	17.3	17	10.8	JAY	IN	5	-37	-34	42	64
16	11.1	13	7.9	14	7.1	JEFFERSON	IN	-29	-11	-36	39	24
10	15.0	11	12.8	11	10.3	JENNINGS	IN	-15	-20	-31	45	59
22	12.8	30	11.8	36	10.1	JOHNSON	IN	-7	-15	-21	57	57
30	12.6	27	9.1	41	12.9	KNOX	IN	-27	41	3	76	79
33	16.1	24	9.8	25	8.3	KOSCIUSKO	IN	-39	-15	-48	25	36
13	15.8	12	12.8	15	14.2	LAGRANGE	IN	-19	11	-10	68	86
191	15.4	224*	13.5	237*	11.7	LAKE	IN	-14	-12	-24	55	72
40	10.5	46	9.4	47	8.2	LA PORTE	IN	-11	-13	-22	56	34
31	16.8	33	14.7	33	12.5	LAWRENCE	IN	-13	-15	-26	52	77
80	15.5	90	13.8	103*	13.4	MADISON	IN	-11	-3	-14	65	82
428*	16.2	418*	12.5	452*	12.0	MARION	IN	-23	-4	-26	52	74
17	10.4	24	12.1	29	11.2	MARSHALL	IN	17	-8	8	79	68
6	13.2	4	8.5	8	14.5	MARTIN	IN	-36	71	10	79	87
25	13.9	26	13.3	25	11.3	MIAMI	IN	-4	-15	-18	60	69
24	12.0	23	8.9	27	7.8	MONROE	IN	-26	-13	-35	40	30
28	14.9	32	13.4	29	11.9	MONTGOMERY	IN	-10	-11	-20	58	73
23	16.9	26	14.4	23	9.8	MORGAN	IN	-15	-32	-42	32	53
5	7.8	10	14.4	15*	17.5	NEWTON	IN	83	22	123	96	94
18	11.4	27	14.9	21	10.2	NOBLE	IN	30	-32	-11	67	58
1	4.2	4	13.3	1	3.7	OHIO	IN	217	-72	-11	67	06
12	12.2	10	9.0	7	5.9	ORANGE	IN	-26	-35	-52	21	15
11	14.6	14	19.6	13	13.2	OWEN	IN	34	-33	-10	68	81
14	14.0	12	10.7	9	7.6	PARKE	IN	-24	-28	-46	27	29
14	16.0	7	6.4	14	10.7	PERRY	IN	-60	67	-33	43	63
13	16.2	10	11.3	6	6.4	PIKE	IN	-30	-43	-60	14	19
31	16.3	29	9.8	40	9.6	PORTER	IN	-40	-3	-41	32	51
19	16.4	10	8.4	14	9.8	POSEY	IN	-49	17	-40	33	53
13	18.4	5	7.0	9	10.0	PULASKI	IN	-62	42	-46	27	55
7	6.0	15	9.7	15	8.6	PUTNAM	IN	62	-11	44	89	39
26	15.1	21	11.6	22	12.3	RANDOLPH	IN	-23	6	-19	60	76
17	14.4	17	13.3	11	7.9	RIPLEY	IN	-7	-40	-45	28	32
10	8.2	12	8.6	18	12.7	RUSH	IN	5	47	54	91	78
115	12.5	161*	13.6	147	10.1	ST JOSEPH	IN	9	-25	-19	59	57
8	14.9	13	17.6	14	14.3	SCOTT	IN	18	-19	-4	72	87
16	9.0	28	13.2	18	7.4	SHELBY	IN	47	-44	-18	61	26
10	11.3	10	9.8	10	9.1	SPENCER	IN	-13	-8	-20	58	45
15	16.3	12	11.5	17	12.5	STARKE	IN	-30	9	-24	55	77
21*	19.6	10	8.1	13	9.0	STEUBEN	IN	-59	12	-54	19	44
21	13.6	12	7.5	10	5.5	SULLIVAN	IN	-45	-26	-59	14	13
1	1.7	3	5.2	9	16.8	SWITZERLAND	IN	215	221	913	99	93
53	14.9	49	11.4	54	9.9	TIPPECANOE	IN	-23	-13	-33	43	55
15	16.1	14	14.4	5	4.5	TIPTON	IN	-11	-69	-72	06	08
2	5.3	3	7.4	7	15.7	UNION	IN	39	113	197	98	91
107	13.4	126	12.9	130	11.0	VANDERBURGH	IN	-4	-14	-18	60	66
20	17.6	16	14.3	13	9.1	VERMILLION	IN	-19	-37	-49	25	45
83	13.5	73	10.4	107*	13.3	VIGO	IN	-23	28	-2	73	81
24	13.0	24	11.1	22	9.3	WABASH	IN	-15	-15	-28	49	48
10	22.6	4	8.8	7	12.7	WARREN	IN	-61	43	-44	29	78
21	17.6	13	9.7	17	10.0	WARRICK	IN	-45	4	-43	31	56
13	12.9	13	11.4	9	6.3	WASHINGTON	IN	-12	-45	-51	22	18
55	14.3	40	8.8	42	8.1	WAYNE	IN	-38	-8	-43	31	34
21	18.2	9	6.9	19	12.6	WELLS	IN	-62	82	-31	46	78
8	7.8	13	10.1	18	12.9	WHITE	IN	29	28	96	93	80
19	18.1	11	8.8	5	3.5	WHITLEY	IN	-51	-61	-81	02	05

SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
2127	14.0	1782	9.9	1679	8.1	IOWA IA	-29	-19	-42		
12	16.3	12	13.4	6	6.1	ADAIR IA	-17	-54	-62	13	17
4	8.6	6	11.9	5	7.8	ADAMS IA	38	-34	-10	68	30
13	13.0	17	13.8	9	5.9	ALLAMAKEE IA	6	-58	-55	18	15
15	10.6	24	15.3	21	13.2	APPANOOSE IA	45	-13	25	85	81
10	16.3	4	6.2	3	3.4	AUDUBON IA	-62	-45	-79	02	05
18	13.1	23	14.6	17	9.2	BENTON IA	12	-37	-30	47	46
58	11.3	64	9.9	64	8.5	BLACK HAWK IA	-13	-14	-25	53	37
31	17.2	16	7.0	14	5.8	BOONE IA	-59	-18	-66	09	15
10	8.4	14	9.8	20	12.6	BREMER IA	17	28	49	90	78
14	11.5	16	11.6	9	6.7	BUCHANAN IA	1	-42	-42	32	21
22	17.8	15	10.4	14	6.2	BUENA VISTA IA	-42	-41	-65	10	17
6	5.7	7	5.8	10	6.3	BUTLER IA	3	7	10	80	18
15	15.3	15	12.9	6	5.0	CALHOUN IA	-15	-61	-67	09	11
17	13.2	15	9.6	14	9.5	CARROLL IA	-27	-2	-28	49	49
15	12.4	19	13.8	11	7.0	CASS IA	11	-49	-44	30	24
19	18.2	16	13.2	13	9.4	CEDAR IA	-28	-29	-49	25	48
29	11.2	30	9.1	25	6.3	CERRO GORDO IA	-19	-31	-44	29	18
12	10.8	12	10.2	8	7.9	CHEROKEE IA	-6	-22	-27	51	32
5	5.4	7	7.2	8	6.2	CHICKASAW IA	31	-13	14	81	17
3	5.3	6	8.1	2	3.4	CLARKE IA	53	-59	-37	38	05
9	10.3	6	6.3	10	6.6	CLAY IA	-39	6	-35	40	20
29*	21.6	19	12.4	17	8.8	CLAYTON IA	-43	-29	-59	14	41
42	14.4	36	10.5	35	9.8	CLINTON IA	-27	-7	-32	45	53
15	15.5	11	8.5	10	7.0	CRAWFORD IA	-46	-17	-55	18	24
22	14.5	14	7.7	25	11.2	DALLAS IA	-47	46	-23	56	68
6	9.4	5	7.6	8	10.8	DAVIS IA	-19	41	14	81	64
17	19.1	6	8.1	9	13.3	DECATUR IA	-58	65	-30	47	82
6	6.2	7	6.2	7	5.8	DELAWARE IA	-1	-6	-7	70	15
31	11.3	27	8.6	36	9.7	DES MOINES IA	-23	12	-14	64	52
6	9.3	5	5.6	6	5.7	DICKINSON IA	-39	1	-39	35	14
60	14.5	63	12.4	58	9.2	DUBUQUE IA	-14	-26	-37	38	46
10	13.9	13	13.8	5	3.4	EMMET IA	0	-76	-76	04	05
25	15.1	25	13.2	19	8.8	FAYETTE IA	-13	-33	-42	32	41
16	12.9	13	9.0	10	6.9	FLOYD IA	-30	-23	-47	27	22
16	17.8	12	12.0	7	5.5	FRANKLIN IA	-33	-54	-69	07	13
15	21.2	4	5.4	4	4.5	FREMONT IA	-74	-17	-79	03	08
13	13.7	5	4.3	12	9.5	GREENE IA	-68	120	-31	46	50
8	10.0	8	8.6	11	8.6	GRUNDY IA	-13	0	-14	65	39
8	8.4	16	13.5	11	6.9	GUTHRIE IA	61	-49	-18	61	22
18	16.9	10	8.4	13	9.8	HAMILTON IA	-50	16	-42	32	53
13	17.3	10	11.5	12	11.1	HANCOCK IA	-34	-3	-36	40	67
22	15.0	15	8.3	17	7.2	HARDIN IA	-44	-14	-52	21	25
23	22.1	12	9.2	4	2.3	HARRISON IA	-58	-75	-89	00	03
19	12.8	13	10.0	11	6.6	HENRY IA	-22	-34	-49	25	20
12	15.1	10	9.5	7	7.7	HOWARD IA	-37	-19	-49	24	30
8	11.5	8	8.9	10	9.1	HUMBOLDT IA	-22	2	-21	58	45
10	16.7	1	2.1	9	10.6	IDA IA	-88	416	-36	39	62
11	11.5	18	16.5	13	10.0	IOWA IA	44	-40	-13	65	55
14	14.0	12	9.5	13	8.7	JACKSON IA	-32	-8	-38	37	40
31	17.9	29	13.1	17	6.5	JASPER IA	-27	-51	-64	11	19
10	8.6	8	6.8	10	6.6	JEFFERSON IA	-20	-4	-23	55	20
25	11.2	21	7.9	26	8.6	JOHNSON IA	-29	9	-23	56	39
14	12.8	16	13.1	9	5.8	JONES IA	2	-55	-55	18	15
13	10.9	12	9.2	15	10.2	KEOKUK IA	-16	12	-6	71	59
24	19.4	18	12.7	6	3.6	KOSSUTH IA	-34	-72	-82	02	05
48*	19.0	29	10.1	32	10.8	LEE IA	-47	7	-43	31	64
78	12.2	81	10.2	79	8.3	LINN IA	-16	-19	-32	44	36
5	7.7	8	11.3	4	4.4	LOUISA IA	46	-61	-43	30	08
18	19.1	9	11.5	11	10.3	LUCAS IA	-40	-10	-46	27	59
11	16.4	7	8.7	12	12.7	LYON IA	-47	46	-22	57	79
9	10.2	11	10.5	9	7.8	MADISON IA	3	-26	-23	55	30
23	13.3	21	11.2	17	8.3	MAHASKA IA	-16	-26	-38	36	35
35*	22.6	18	10.4	14	6.2	MARION IA	-54	-41	-73	05	17
23	10.1	32	12.8	28	9.9	MARSHALL IA	27	-22	-1	74	55
8	10.8	10	12.7	7	8.2	MILLS IA	17	-35	-24	54	35
12	13.6	13	11.2	9	6.9	MITCHELL IA	-18	-39	-50	24	22
14	16.9	10	10.8	6	3.8	MONONA IA	-36	-65	-78	03	06
31*	40.7	10	11.0	9	8.9	MONROE IA	-73	-19	-78	03	43
11	10.9	12	11.6	23*	15.3	MONTGOMERY IA	6	32	40	89	90
28	13.2	16	6.2	20	7.2	MUSCATINE IA	-53	17	-45	28	25
14	13.2	15	9.9	14	9.0	O'BRIEN IA	-25	-9	-32	44	43
8	16.5	9	16.1	8	11.5	OSCEOLA IA	-2	-29	-30	47	70
15	8.8	9	4.7	10	4.6	PAGE IA	-47	-1	-47	26	09
20*	28.0	10	10.8	9	9.1	PALO ALTO IA	-61	-16	-67	08	45
15	12.8	13	8.8	16	7.8	PLYMOUTH IA	-32	-11	-39	35	30
15	19.1	13	14.0	5	4.7	POCAHONTAS IA	-27	-67	-76	04	09
206*	16.6	129	8.5	138	7.8	POLK IA	-49	-8	-53	20	30
36	9.6	43	9.3	45	8.4	POTTAWATTAMIE IA	-3	-9	-12	66	37
13	11.0	12	7.3	14	10.1	POWESHIEK IA	-34	39	-6	69	57
11	17.9	4	7.5	4	8.8	RINGGOLD IA	-58	18	-51	22	41
9	9.3	12	8.9	12	8.3	SAC IA	-5	-7	-11	67	36
73	13.3	74	10.8	84	10.8	SCOTT IA	-19	-1	-19	59	64
18	21.4	7	8.4	11	9.7	SHELBY IA	-61	16	-55	18	53
22	17.5	13	8.6	11	5.3	SIOUX IA	-51	-39	-70	07	12
29	13.0	24	9.3	25	6.9	STORY IA	-29	-26	-47	26	22
12	9.2	26*	18.2	16	9.1	TAMA IA	97	-50	-2	74	44
12	15.4	3	2.5	8	8.0	TAYLOR IA	-84	218	-48	25	33
28*	26.4	9	7.6	13	9.5	UNION IA	-71	25	-64	11	50
14	17.2	13	14.5	6	6.8	VAN BUREN IA	-16	-53	-61	14	22
43	16.0	32	9.8	34	9.4	WAPELLO IA	-39	-4	-41	32	48
14	13.1	14	11.8	8	3.7	WARREN IA	-10	-69	-72	06	06
12	8.2	16	10.5	7	3.8	WASHINGTON IA	29	-63	-53	20	06
18	20.4	13	14.1	5	5.5	WAYNE IA	-31	-61	-73	05	13
36	14.3	30	9.0	33	7.9	WEBSTER IA	-37	-11	-44	29	32
10	13.6	7	7.4	10	8.8	WINNEBAGO IA	-46	19	-36	40	41
15	12.1	16	10.8	12	8.6	WINNESHIEK IA	-10	-21	-29	48	39
89	16.0	74	11.2	58	8.2	WOODBURY IA	-30	-27	-49	25	35

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
3	4.7	6	7.9	4	3.8	WORTH IA	68	-51	-18	61	06
14	11.6	3	2.4	8	5.8	WRIGHT IA	-79	138	-50	23	15
1279	12.0	1217	9.4	1141	7.5	KANSAS KS	-22	-20	-38		
16	12.5	12	8.6	10	7.5	ALLEN KS	-31	-13	-40	34	27
5	6.6	4	5.2	4	4.8	ANDERSON KS	-20	-8	-27	51	09
17	14.3	8	6.1	15	11.0	ATCHISON KS	-57	80	-23	56	66
5	9.5	5	7.7	3	4.6	BARBER KS	-19	-40	-51	22	09
16	12.3	14	8.6	19	9.8	BARTON KS	-30	13	-21	58	53
6	4.5	10	7.8	15	10.6	BOURBON KS	74	36	138	97	62
10	10.3	12	10.5	3	1.8	BROWN KS	2	-83	-82	01	03
24	13.8	19	8.6	26	10.0	BUTLER KS	-38	16	-28	50	56
2	6.4	1	2.1	5	18.3	CHASE KS	-67	762	186	98	95
10	18.6	2	3.4	5	6.6	CHAUTAUQUA KS	-82	92	-64	11	20
27	17.9	21	12.4	19	9.4	CHEROKEE KS	-30	-24	-47	26	48
1	3.6	1	4.1	4	11.1	CHEYENNE KS	13	171	208	98	66
3	15.6	5	17.9	6	26.3	CLARK KS	15	47	68	93	99
7	8.3	12	14.7	4	2.7	CLAY KS	77	-82	-68	08	04
10	9.3	11	7.4	11	8.7	CLOUD KS	-20	18	-6	71	40
9	12.0	12	17.7	8	9.2	COFFEY KS	47	-48	-23	56	47
		2	8.1	2	7.8	COMANCHE KS		-3			31
17	6.6	29	10.4	19	5.2	COWLEY KS	58	-50	-22	57	11
28	10.5	43	14.8	21	7.0	CRAWFORD KS	42	-53	-33	43	23
5	11.1	6	11.2	1	2.8	DECATUR KS	2	-75	-75	04	04
20	14.6	9	4.4	14	6.4	DICKINSON KS	-70	45	-56	17	19
8	13.6	17*	26.5	10	14.5	DONIPHAN KS	94	-45	7	78	87
22	12.5	11	5.1	18	6.4	DOUGLAS KS	-60	27	-49	24	19
6	16.2	7	17.1	3	5.3	EDWARDS KS	6	-69	-67	08	12
6	10.3	10	19.6	3	5.0	ELK KS	90	-75	-52	21	10
10	17.1	7	6.9	3	2.0	ELLIS KS	-60	-71	-89	00	03
7	13.7	8	14.3	1	1.6	ELLSWORTH KS	5	-89	-88	00	03
10	16.4	3	4.3	8	8.0	FINNEY KS	-74	86	-51	22	32
12	12.1	13	10.7	11	6.8	FORD KS	-12	-36	-43	30	22
14	9.5	8	4.5	18	10.4	FRANKLIN KS	-53	132	9	79	60
8	11.3	8	8.2	4	3.8	GEARY KS	-28	-53	-66	09	06
2	9.7	1	3.9	1	4.7	GOVE KS	-60	21	-52	21	09
4	16.4	3	9.8	3	10.6	GRAHAM KS	-40	7	-36	40	62
3	21.8			1	4.2	GRANT KS			-81	02	07
		2	8.0	3	8.3	GRAY KS		5			36
9	10.0	8	9.7	5	4.9	GREENWOOD KS	-3	-49	-50	23	10
1	7.0	1	8.0	1	4.2	HAMILTON KS	15	-48	-40	34	07
4	6.4	8	10.5	12	12.5	HARPER KS	64	19	96	95	77
12	8.9	16	8.0	9	4.2	HARVEY KS	-10	-48	-53	19	07
1	17.2	1	5.0	2	11.4	HASKELL KS	-71	126	-34	42	69
		1	7.3	1	5.6	HODGEMAN KS		-20			15
8	11.4	12	16.1	9	11.2	JACKSON KS	41	-31	-2	73	67
9	9.4	4	4.4	14	14.4	JEFFERSON KS	-54	230	53	91	87
6	8.6	2	4.2	3	5.7	JEWELL KS	-51	34	-34	42	14
31	9.1	64	9.9	90	8.5	JOHNSON KS	9	-14	-6	71	38
4*	38.5	2	12.5	2	13.3	KEARNY KS	-67	6	-65	10	82
10	16.3	6	8.5	14*	15.8	KINGMAN KS	-48	85	-3	72	91
7	27.5	2	4.3	1	2.3	KIOWA KS	-84	-47	-92	00	03
24	11.6	14	6.7	16	6.5	LABETTE KS	-43	-2	-44	30	20
2	19.3	1	6.1	2	8.6	LANE KS	-68	42	-55	17	39
23	12.0	32	14.5	27	10.3	LEAVENWORTH KS	20	-29	-15	64	59
3	8.9	1	2.4	2	2.2	LINCOLN KS	-73	-7	-75	04	03
9	11.3	5	5.6	5	7.3	LINN KS	-51	30	-36	40	25
3	17.8			1	3.1	LOGAN KS			-82	01	04
18	10.0	18	9.6	13	6.3	LYON KS	-3	-34	-37	39	18
26	18.0	15	8.1	6	2.8	MC PHERSON KS	-55	-65	-84	01	04
10	8.9	10	8.9	4	2.3	MARION KS	0	-74	-75	04	03
16	13.3	10	6.9	14	9.1	MARSHALL KS	-48	32	-32	45	45
2	8.3	2	5.5	4	9.0	MEADE KS	-34	64	9	79	44
19	13.8	19	13.0	15	10.1	MIAMI KS	-5	-22	-26	51	57
11	15.5	7	11.7	5	6.0	MITCHELL KS	-25	-48	-61	13	16
37	13.4	33	10.1	22	6.2	MONTGOMERY KS	-24	-39	-54	19	17
5	9.3	7	10.1	5	7.0	MORRIS KS	8	-31	-25	53	23
				1	5.4	MORTON KS					12
12	14.2	9	9.0	9	8.1	NEMAHA KS	-37	-10	-43	31	34
24	17.5	17	12.9	11	5.6	NEOSHO KS	-26	-57	-68	08	13
5	15.9	4	9.5	4	9.5	NESS KS	-40	-1	-40	33	49
6	9.6	9	11.4	5	4.8	NORTON KS	19	-58	-50	23	09
17	18.4	7	6.6	12	9.0	OSAGE KS	-64	37	-51	22	43
5	8.5	6	8.2	6	12.6	OSBORNE KS	-3	53	48	90	78
9	15.3	3	5.0	1	1.5	OTTAWA KS	-67	-70	-90	00	03
5	6.0	13	18.9	6	8.4	PAWNEE KS	213	-56	39	88	36
2	3.5	6	8.2	6	6.7	PHILLIPS KS	133	-19	90	95	21
11	13.7	4	3.7	5	4.6	POTTAWATOMIE KS	-73	22	-67	09	08
8	12.7	8	8.9	4	3.4	PRATT KS	-30	-62	-73	05	05
5	20.2	3	8.6	2	5.4	RAWLINS KS	-57	-38	-73	05	12
39	13.0	36	9.3	33	7.1	RENO KS	-28	-24	-46	27	24
16	22.0	9	8.7	6	7.5	REPUBLIC KS	-61	-14	-66	10	27
7	8.3	9	8.8	14	11.6	RICE KS	6	32	39	88	71
11	8.2	15	8.6	13	6.1	RILEY KS	5	-29	-26	52	17
4	8.9	1	1.4	6	8.7	ROOKS KS	-84	504	-3	73	40
9	23.7	2	4.4	1	1.4	RUSH KS	-81	-69	-94	00	02
8	14.1	7	10.3	5	5.2	RUSSELL KS	-27	-49	-63	12	12
24	12.6	15	6.1	20	7.3	SALINE KS	-52	20	-42	31	25
		2	8.2	1	1.4	SCOTT KS		-83			03
156	13.8	155	10.3	114	6.2	SEDGWICK KS	-25	-40	-55	18	18
4	9.6	5	7.8	10	13.7	SEWARD KS	-18	75	43	89	84
61	9.6	65	8.4	72	8.0	SHAWNEE KS	-13	-4	-17	62	33
4	26.5	1	5.2	1	3.9	SHERIDAN KS	-80	-25	-85	01	06
6	18.0	6	13.9	3	4.2	SHERMAN KS	-23	-70	-77	03	07
7	10.2	5	5.6	2	2.0	SMITH KS	-44	-66	-81	02	03
4	8.0	4	9.2	7	12.7	STAFFORD KS	16	38	60	92	79
1	10.8	2	23.8	1	12.8	STANTON KS	120	-46	18	82	79
				1	4.3	STEVENS KS					08
19	11.3	25	14.0	13	6.5	SUMNER KS	24	-54	-43	31	20

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
										%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
3	9.3	3	6.9	4	7.5	THOMAS KS	-26	9	-19	59	28
1	3.8	2	6.9	2	4.7	TREGO KS	83	-32	24	85	09
9	21.1	2	4.5	4	6.7	WABAUNSEE KS	-79	50	-68	08	21
3	21.7			2	9.5	WALLACE KS			-56	17	49
12	13.9	9	9.6	6	5.7	WASHINGTON KS	-31	-41	-59	14	14
1	11.8	1	6.3	1	4.9	WICHITA KS	-47	-22	-59	15	10
13	13.2	8	7.5	8	6.3	WILSON KS	-43	-16	-52	21	18
4	13.9	5	11.0	4	7.6	WOODSON KS	-21	-31	-46	28	28
84	12.4	97	12.0	110	12.1	WYANDOTTE KS	-3	0	-3	73	74
2045*	16.1	1820*	11.8	1604	8.3	KENTUCKY KY	-27	-29	-48		
8	11.8	9	10.8	4	4.3	ADAIR KY	-8	-61	-64	11	07
15	20.6	4	4.6	4	4.5	ALLEN KY	-78	-2	-78	03	08
4	7.9	2	3.4	6	9.2	ANDERSON KY	-56	167	17	82	46
13*	26.6	3	5.8	6	6.3	BALLARD KY	-78	9	-76	04	18
21	15.9	20	13.2	18	8.8	BARREN KY	-17	-33	-44	29	42
13*	28.4	6	12.2	5	8.1	BATH KY	-57	-34	-71	06	34
20	14.0	21	13.3	15	7.9	BELL KY	-5	-41	-43	30	32
16*	21.8	11	10.3	12	7.4	BOONE KY	-53	-28	-66	10	27
10	12.8	12	13.7	11	9.3	BOURBON KY	7	-32	-27	50	48
30	13.4	24	9.0	26	7.7	BOYD KY	-33	-15	-43	31	29
16	15.6	14	12.0	9	5.4	BOYLE KY	-23	-54	-65	10	13
8	17.8	5	8.8	5	8.3	BRACKEN KY	-51	-5	-53	19	36
12	20.8	12	18.1	5	7.2	BREATHITT KY	-13	-60	-65	10	25
19*	23.4	3	3.6	6	7.9	BRECKINRIDGE KY	-85	120	-66	09	32
9	16.5	9	12.6	8	7.6	BULLITT KY	-24	-40	-54	18	28
8	15.6	6	10.2	8	11.7	BUTLER KY	-34	14	-25	53	72
20*	26.2	8	8.3	10	8.6	CALDWELL KY	-68	4	-67	09	39
17	14.5	16	10.4	9	4.5	CALLOWAY KY	-28	-57	-69	07	08
72	16.3	67	13.1	52	8.8	CAMPBELL KY	-20	-33	-46	27	42
4	11.1	7	19.2	2	3.7	CAPLISLE KY	73	-81	-67	09	06
11	23.5	5	10.4	7	13.4	CARROLL KY	-56	29	-43	30	82
16	19.6	12	11.8	11	9.6	CARTER KY	-40	-19	-51	22	51
22*	34.5	11	13.8	9	10.1	CASEY KY	-60	-26	-71	06	57
28	16.5	17	8.2	15	6.1	CHRISTIAN KY	-50	-26	-63	12	17
18	20.3	8	7.2	9	6.6	CLARK KY	-65	-8	-67	08	20
6	9.4	12	16.2	12	12.8	CLAY KY	72	-21	36	87	79
7	17.2	12*	26.8	7	12.6	CLINTON KY	56	-53	-26	51	78
17*	27.8	7	10.7	5	6.5	CRITTENDEN KY	-61	-40	-77	03	19
5	13.9	8	19.7	1	1.7	CUMBERLAND KY	42	-91	-87	00	03
61*	22.5	38	10.6	40	8.4	DAVIESS KY	-53	-20	-63	12	37
8	24.0	3	6.4	5	8.8	EDMONSON KY	-73	38	-63	12	41
4	16.1	5	16.9			ELLIOTT KY	5				
10	17.0	8	10.9	5	5.3	ESTILL KY	-36	-51	-69	07	12
59	12.7	64	10.3	85	10.3	FAYETTE KY	-19	1	-19	59	60
8	11.7	7	10.4	9	9.2	FLEMING KY	-11	-11	-21	57	47
30*	22.9	36*	24.3	19	9.1	FLOYD KY	6	-63	-60	14	45
23	17.1	18	11.1	12	5.6	FRANKLIN KY	-35	-49	-67	09	14
22*	33.2	10	13.3	5	6.2	FULTON KY	-60	-54	-81	02	17
6*	27.6	4	17.6	2	6.6	GALLATIN KY	-36	-62	-76	04	20
4	9.0	8	15.5	10	16.0	GARRARD KY	72	4	79	94	92
7	10.8	12	19.8	11	15.9	GRANT KY	82	-20	46	90	92
30	18.3	22	11.0	31	11.6	GRAVES KY	-40	6	-36	39	71
10	12.5	8	7.6	12	9.3	GRAYSON KY	-39	21	-26	52	47
5	9.5	9	16.3	6	8.5	GREEN KY	72	-48	-11	67	38
13	12.7	21	16.8	23	13.3	GREENUP KY	32	-21	5	77	82
8	23.2	4	10.3	4	10.3	HANCOCK KY	-55	0	-56	17	59
26*	19.4	22	12.8	19	8.4	HARDIN KY	-34	-34	-57	16	37
30*	19.2	21	11.3	20	9.0	HARLAN KY	-41	-20	-53	20	43
13	15.0	11	12.8	4	3.9	HARRISON KY	-14	-70	-74	04	06
8	13.9	9	11.3	7	8.5	HART KY	-18	-25	-39	35	37
16	11.6	13	7.4	15	6.0	HENDERSON KY	-36	-19	-48	25	16
9	15.1	6	8.5	7	8.6	HENRY KY	-44	0	-43	30	38
3	7.1	6	12.6	6	11.6	HICKMAN KY	76	-8	62	92	71
33	17.3	23	9.5	18	6.4	HOPKINS KY	-45	-33	-63	12	19
6	13.0	3	5.3	7	10.8	JACKSON KY	-59	104	-16	62	64
308	13.4	319	10.9	295	8.1	JEFFERSON KY	-19	-26	-40	35	33
11	19.4	7	10.9	14	15.1	JESSAMINE KY	-44	38	-22	56	89
23*	26.1	24*	24.1	15	11.6	JOHNSON KY	-7	-52	-55	17	71
100*	17.9	96*	14.2	89	10.9	KENTON KY	-21	-23	-39	35	64
5	7.7	8	12.8	10	12.0	KNOTT KY	67	-6	56	91	74
15	14.3	19	15.6	15	9.4	KNOX KY	9	-40	-34	42	49
3	6.3	4	6.8	4	4.8	LARUE KY	8	-29	-23	56	10
12	12.2	15	11.3	16	7.9	LAUREL KY	-8	-30	-36	40	31
11	16.4	10	13.1	11	14.1	LAWRENCE KY	-20	8	-14	64	86
6	18.4	6	13.9	8	13.5	LEE KY	-24	-3	-27	51	83
7	23.1	6	15.5	4	7.3	LESLIE KY	-33	-53	-68	08	26
25*	27.0	13	11.9	12	8.6	LETCHER KY	-56	-27	-68	08	39
23*	40.3	11	18.7	5	7.0	LEWIS KY	-54	-62	-83	01	24
16	20.8	9	10.0	10	9.3	LINCOLN KY	-52	-6	-55	18	47
7	19.3	9	16.0	1	1.5	LIVINGSTON KY	-17	-91	-92	00	03
8	7.5	13	10.3	9	6.4	LOGAN KY	36	-38	-16	63	19
5	18.2	1	2.7	2	4.2	LYON KY	-85	52	-77	03	07
31	13.0	23	7.0	29	6.5	MC CRACKEN KY	-46	-7	-50	23	19
13*	23.8	9	15.5	9	12.9	MC CREARY KY	-35	-17	-46	27	80
6	12.0	10	17.4	7	11.3	MC LEAN KY	45	-35	-6	71	68
27*	20.2	21	12.3	16	7.7	MADISON KY	-39	-37	-62	13	30
7	18.1	9	18.7	3	4.2	MAGOFFIN KY	3	-78	-77	03	07
8	10.8	11	13.9	4	3.9	MARION KY	28	-72	-64	11	06
7	10.4	6	5.7	9	5.5	MARSHALL KY	-45	-5	-48	26	13
7	21.4	8	22.9	6	13.0	MARTIN KY	7	-43	-39	35	80
9	10.4	9	8.9	11	9.8	MASON KY	-14	10	-6	71	53
3	8.0	2	4.4	6	10.8	MEADE KY	-45	144	34	87	64
1	5.0	2	8.1	1	4.8	MENIFEE KY	61	-41	-5	71	09
13	16.5	13	14.7	5	5.0	MERCER KY	-11	-66	-70	07	10
4	13.1	6	13.4	3	6.0	METCALFE KY	3	-55	-54	19	16
6	10.6	5	8.0	3	3.6	MONROE KY	-25	-55	-66	10	06
13	20.5	13	17.7	9	9.2	MONTGOMERY KY	-14	-48	-55	18	46
6	10.9	8	13.9	9	13.0	MORGAN KY	27	-6	19	83	80

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WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
24	18.1	14	8.5	19	9.0	MUHLENBERG	KY	-53	6	-50	23	43
19*	21.1	15	14.6	15	11.7	NELSON	KY	-31	-20	-45	28	72
2	4.5	5	10.0	1	2.5	NICHOLAS	KY	119	-75	-45	28	04
19	17.0	11	8.9	13	8.4	OHIO	KY	-47	-6	-50	23	37
3	6.7	2	3.1	2	2.9	OLDHAM	KY	-53	-9	-57	16	04
11	24.6	5	9.3	1	1.6	OWEN	KY	-62	-83	-94	00	03
3	11.7	4	13.2	6	19.1	OWSLEY	KY	12	45	63	92	95
6	10.7	14*	20.8	3	4.0	PENDLETON	KY	95	-81	-62	12	07
11	11.0	17	13.7	13	8.9	PERRY	KY	25	-35	-19	60	43
27	14.9	35	14.2	26	7.9	PIKE	KY	-5	-45	-47	26	31
9*	38.4	5	15.8	3	6.8	POWELL	KY	-59	-57	-82	01	22
23	14.1	17	9.0	18	6.8	PULASKI	KY	-37	-25	-52	21	21
3	19.0	1	5.7	1	5.8	ROBERTSON	KY	-70	2	-69	07	15
16*	28.2	17*	27.1	5	7.9	ROCKCASTLE	KY	-4	-71	-72	06	32
8	18.4	5	8.9	9	9.3	ROWAN	KY	-52	4	-50	24	47
8	15.8	13*	22.1	5	6.6	RUSSELL	KY	40	-70	-58	15	21
14	20.2	7	8.4	12	9.8	SCOTT	KY	-58	17	-51	22	53
13	15.3	17	16.2	15	11.8	SHELBY	KY	6	-27	-23	55	72
9	14.3	8	11.0	6	7.0	SIMPSON	KY	-23	-37	-52	22	23
4	17.5	5	18.0	1	2.9	SPENCER	KY	3	-84	-84	01	04
8	11.8	8	9.7	7	6.2	TAYLOR	KY	-18	-36	-48	25	17
5	8.8	7	10.3	7	11.4	TODD	KY	17	11	29	86	70
8	19.2	3	6.0	3	5.6	TRIGG	KY	-69	-6	-71	06	13
3	12.1	5	18.6	3	7.3	TRIMBLE	KY	54	-61	-40	34	26
22*	29.8	10	10.7	8	8.6	UNION	KY	-64	-20	-71	06	38
33	15.8	40	15.6	20	6.3	WARREN	KY	-1	-60	-60	14	18
7	13.2	12*	20.9	5	7.2	WASHINGTON	KY	59	-66	-45	28	25
7	11.3	5	6.7	8	8.5	WAYNE	KY	-40	27	-24	54	38
20*	23.1	12	13.5	12	10.7	WEBSTER	KY	-41	-21	-54	19	63
26*	22.1	21	13.2	15	7.9	WHITLEY	KY	-40	-40	-64	11	31
4	13.1	3	9.9	4	9.7	WOLFE	KY	-25	-2	-26	51	52
7	15.4	10	16.0	9	11.4	WOODFORD	KY	4	-29	-26	52	69
1337*	16.6	1576*	14.2	1964*	13.3	LOUISIANA	LA	-14	-6	-20		
31*	20.3	32*	16.9	47*	19.4	ACADIA	LA	-17	15	-4	72	96
11	18.0	8	10.2	7	7.4	ALLEN	LA	-43	-28	-59	15	26
5	8.2	6	7.3	23*	17.4	ASCENSION	LA	-11	139	112	96	94
4	8.5	9	15.9	10	13.5	ASSUMPTION	LA	87	-15	59	92	83
13	10.7	24	14.5	23	10.6	AVOYELLES	LA	36	-27	0	74	62
8	12.2	15	16.4	14	11.6	BEAUREGARD	LA	35	-29	-4	72	71
10	19.6	16*	22.8	11	14.9	BIENVILLE	LA	16	-35	-24	54	89
7	9.0	18	14.7	19	9.6	BOSSIER	LA	64	-35	7	78	51
84	15.6	90	11.2	109	10.1	CADDO	LA	-28	-10	-35	40	57
41	17.0	64*	15.8	69	12.0	CALCASIEU	LA	-7	-24	-29	48	74
10*	30.0	5	10.7	9	15.8	CALDWELL	LA	-64	48	-47	26	91
1	4.8	1	3.1	3	7.6	CAMERON	LA	-36	148	58	92	29
2	6.4	5	13.5	5	10.2	CATAHOULA	LA	111	-24	60	92	58
7	11.5	7	7.4	9	9.9	CLAIBORNE	LA	-35	33	-14	64	54
9*	37.4	7	15.1	8	13.2	CONCORDIA	LA	-60	-13	-65	11	81
14	23.2	5	6.8	14	14.6	DE SOTO	LA	-70	113	-37	38	88
53	14.0	73	11.3	105	11.3	EAST BATON ROUGE	LA	-20	0	-20	59	69
3	11.3			1	3.2	EAST CARROLL	LA			-72	06	05
4	6.1	4	6.3	4	4.5	EAST FELICIANA	LA	4	-29	-26	52	08
22*	28.2	20	17.3	29*	17.6	EVANGELINE	LA	-39	2	-37	37	94
10	14.0	14	15.7	12	10.9	FRANKLIN	LA	12	-30	-22	56	65
9	17.0	14*	22.1	14	16.7	GRANT	LA	30	-25	-2	73	93
17	15.1	26	15.5	25	11.2	IBERIA	LA	2	-28	-26	51	67
9	16.2	9	11.8	11	12.2	IBERVILLE	LA	-27	3	-25	54	75
7	12.8	8	12.8	8	7.7	JACKSON	LA	0	-40	-40	34	29
49	14.0	101	14.1	202*	14.6	JEFFERSON	LA	1	4	4	77	87
12	15.1	17	14.9	21	15.4	JEFFERSON DAVIS	LA	-1	3	2	76	90
28	15.8	45*	17.2	54	12.9	LAFAYETTE	LA	9	-25	-19	60	80
25	17.7	31*	16.3	37	13.1	LAFOURCHE	LA	-7	-20	-26	52	81
6	12.6	8	12.9	13	13.8	LA SALLE	LA	2	7	10	80	84
4	5.5	10	10.1	12	9.6	LINCOLN	LA	83	-5	74	93	51
9	17.8	9	7.9	9	5.1	LIVINGSTON	LA	-56	-36	-71	06	11
3	15.7	2	7.5	3	7.6	MADISON	LA	-52	1	-51	22	29
16*	30.5	15	15.9	13	10.2	MOREHOUSE	LA	-48	-36	-67	09	58
16	18.0	9	7.9	23*	15.7	NATCHITOCHES	LA	-56	100	-13	66	91
377*	17.5	391*	16.0	405*	16.8	ORLEANS	LA	-9	5	-4	72	93
46*	19.4	40	11.6	50	9.9	OUACHITA	LA	-40	-15	-49	24	55
5	16.9	9*	16.0	7	11.1	PLAQUEMINES	LA	-6	-31	-35	41	66
6	12.1	14*	24.8	9	12.7	POINTE COUPEE	LA	105	-49	5	77	78
43	14.9	48	12.1	64	12.6	RAPIDES	LA	-19	4	-16	63	78
3	10.9	6	16.2	4	8.1	RED RIVER	LA	48	-50	-26	51	33
4	6.9	9	12.4	13	13.5	RICHLAND	LA	79	9	95	95	83
7	9.1	9	9.7	18	14.6	SABINE	LA	7	50	60	92	88
6	10.4	20*	19.4	22	10.1	ST BERNARD	LA	86	-48	-3	72	57
6	19.0	6	9.2	10	13.7	ST CHARLES	LA	-51	48	-28	49	84
2	10.2	4	19.3			ST HELENA	LA	90				
5	12.9	7	14.7	4	7.0	ST JAMES	LA	14	-52	-46	27	23
7	23.4	8	19.3	7	10.1	ST JOHN THE BAPT	LA	-18	-48	-57	16	56
22	14.1	32	15.1	42*	14.7	ST LANDRY	LA	7	-3	4	77	88
12	18.8	17*	20.1	16	13.0	ST MARTIN	LA	7	-35	-31	46	80
30*	34.5	23*	19.1	30*	18.2	ST MARY	LA	-45	-5	-47	26	95
23*	21.9	26	16.0	41	12.4	ST TAMMANY	LA	-27	-22	-43	30	76
38*	23.8	33*	16.1	62*	21.7	TANGIPAHOA	LA	-32	35	-9	69	97
3	18.9	2	10.3	6*	22.6	TENSAS	LA	-46	120	20	83	98
23	20.4	20	12.0	30	12.7	TERREBONNE	LA	-41	5	-38	37	78
8	12.6	5	5.4	20*	15.5	UNION	LA	-57	184	22	84	90
28*	20.0	38*	21.2	27	11.4	VERMILION	LA	6	-46	-43	31	70
17*	22.7	22*	23.3	23*	17.5	VERNON	LA	3	-25	-23	56	94
14	16.8	24	15.3	28	14.3	WASHINGTON	LA	-9	-6	-15	63	86
23*	23.3	19	12.4	26	12.3	WEBSTER	LA	-47	-1	-47	26	76
2	6.8	1	2.1	4	11.4	WEST BATON ROUGE	LA	-76	444	30	86	70
5	10.1	7	12.0	7	9.3	WEST CARROLL	LA	19	-23	-8	70	47
1	7.5			2	10.6	WEST FELICIANA	LA			41	89	62
12	24.9	9	12.1	11	12.1	WINN	LA	-52	0	-51	22	75

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
838*	16.3	742*	12.4	755	10.5	MAINE ME	-24	-16	-36		
57	11.9	57	10.1	56	8.4	ANDROSCOGGIN ME	-15	-17	-30	47	36
54	16.6	48	12.5	39	8.0	AROOSTOOK ME	-25	-36	-52	21	33
173*	16.4	163*	13.3	174*	12.3	CUMBERLAND ME	-19	-7	-25	54	76
23*	20.8	8	6.5	9	5.0	FRANKLIN ME	-69	-23	-76	04	10
36	18.0	30	13.2	34	10.6	HANCOCK ME	-27	-20	-41	32	62
70	14.2	61	10.1	60	8.2	KENNEBEC ME	-29	-19	-42	31	34
28	13.4	37	13.2	34	12.5	KNOX ME	-2	-5	-7	71	77
28*	22.1	19	12.5	20	9.9	LINCOLN ME	-44	-21	-55	18	55
37	16.0	30	11.3	29	9.4	OXFORD ME	-29	-17	-41	33	48
99*	17.3	79	12.1	86	11.2	PENOBSCOT ME	-30	-7	-35	41	68
13	12.2	19	16.3	12	9.0	PISCATAQUIS ME	34	-45	-26	51	43
20	14.7	16	12.0	17	10.0	SAGADAHOC ME	-18	-17	-32	45	56
29	13.6	33	14.1	48*	16.5	SOMERSET ME	4	17	22	84	93
26	18.9	17	11.0	17	10.8	WALDO ME	-42	-2	-43	31	64
29	14.8	25	12.1	35*	14.1	WASHINGTON ME	-18	17	-5	71	86
116*	21.3	100*	15.2	85	9.9	YORK ME	-29	-35	-53	19	55
1604*	15.8	2009*	14.5	2382*	13.2	MARYLAND MD	-8	-9	-17		
75	16.9	63	12.2	80*	12.8	ALLEGANY MD	-28	5	-24	54	79
65	16.1	97	13.1	228*	18.8	ANNE ARUNDEL MD	-19	44	17	82	95
220*	16.4	348*	15.1	472*	13.7	BALTIMORE MD	-8	-9	-16	62	84
6	14.7	5	8.2	21*	21.5	CALVERT MD	-45	163	46	90	97
12	13.3	20*	18.4	23*	19.1	CAROLINE MD	38	3	43	89	95
33	12.0	43	12.2	52	11.7	CARROLL MD	2	-5	-3	73	72
36*	24.4	34*	18.7	36	14.5	CECIL MD	-24	-22	-41	33	87
5	8.1	12	13.4	16	11.1	CHARLES MD	66	-17	37	88	66
14	10.9	14	9.5	23	12.4	DORCHESTER MD	-13	31	14	81	77
46	14.4	38	10.1	44	8.9	FREDERICK MD	-30	-12	-38	36	42
15	16.1	16	15.0	10	7.0	GARRETT MD	-7	-53	-57	16	24
34	18.0	44	15.4	56	11.9	HARFORD MD	-15	-22	-34	42	73
11	10.9	21	12.8	32	11.3	HOWARD MD	18	-12	4	77	69
13	20.1	14	19.7	14	15.1	KENT MD	-2	-23	-25	54	89
111	12.9	163	9.6	232	8.8	MONTGOMERY MD	-25	-9	-32	45	41
88	12.3	157	11.4	233*	12.0	PRINCE GEORGE'S MD	-7	5	-2	73	74
13	20.0	11	13.8	15	12.8	QUEEN ANNE'S MD	-31	-7	-36	39	79
10	18.2	6	6.2	19	12.5	ST MARY'S MD	-66	103	-31	46	77
13	15.6	14	12.7	18*	16.1	SOMERSET MD	-18	27	4	77	92
11	10.9	14	11.0	26*	17.2	TALBOT MD	1	57	58	92	94
59	14.2	49	9.2	58	8.6	WASHINGTON MD	-35	-6	-40	34	39
29	14.1	35	13.8	43	13.6	WICOMICO MD	-2	-1	-4	72	83
13	12.4	13	11.3	22	13.6	WORCESTER MD	-9	20	9	79	83
672*	17.5	778*	19.6	609*	16.1	BALTIMORE CITY MD	12	-18	-8	70	92
4301*	15.0	3863	11.5	4430*	11.4	MASSACHUSETTS MA	-24	-1	-24		
50	13.6	50	8.2	139*	13.3	BARNSTABLE MA	-40	63	-2	73	82
141*	17.6	104	11.0	123	10.8	BERKSHIRE MA	-37	-2	-38	36	64
360*	15.7	351*	12.9	342	10.4	BRISTOL MA	-18	-19	-34	42	60
8	19.0	9	17.4	8	11.7	DUKES MA	-8	-33	-39	36	71
514*	14.9	417	10.3	559*	12.0	ESSEX MA	-31	16	-19	59	74
53	15.3	37	9.2	49	10.8	FRANKLIN MA	-40	17	-29	48	64
305	14.3	308	11.6	287	9.3	HAMPDEN MA	-19	-20	-35	41	47
73	13.7	68	10.4	71	9.5	HAMPSHIRE MA	-24	-9	-30	47	50
964*	14.8	846	11.0	992*	11.2	MIDDLESEX MA	-26	2	-24	54	67
4	14.1	2	7.0	6	14.8	NANTUCKET MA	-50	111	5	77	88
380	14.7	387	11.6	485*	11.5	NORFOLK MA	-21	-1	-22	57	70
184	13.9	198	11.9	268*	12.4	PLYMOUTH MA	-14	4	-11	67	76
854*	17.6	684*	14.0	623*	13.4	SUFFOLK MA	-21	-4	-24	55	82
411	12.4	402	10.4	478	10.8	WORCESTER MA	-17	5	-13	65	64
4003*	14.4	4139*	11.5	4801*	10.9	MICHIGAN MI	-20	-5	-24		
1	2.9	4	8.9	8	9.3	ALCONA MI	202	5	215	98	47
13*	31.9	3	6.3	1	1.8	ALGER MI	-80	-71	-94	00	03
41	15.3	38	11.9	45	11.3	ALLEGAN MI	-22	-5	-26	52	69
14	12.6	15	11.0	13	7.3	ALPENA MI	-13	-33	-42	32	26
9	14.8	12	17.4	12	11.8	ANTRIM MI	17	-32	-20	58	73
5	11.1	7	11.9	9	12.5	ARENAC MI	7	5	13	81	77
6	18.1	8	20.4	7	12.4	BARAGA MI	13	-39	-31	45	76
26	16.2	34*	17.0	33*	14.0	BARRY MI	5	-18	-14	64	85
90*	21.6	85*	16.4	139*	21.4	BAY MI	-24	30	-1	74	97
6	14.3	7	12.5	9	14.2	BENZIE MI	-13	14	-1	74	86
57	10.1	67	9.0	64	9.3	BERRIEN MI	-12	4	-8	69	47
22	12.2	29	13.9	28	10.9	BRANCH MI	14	-22	-11	67	64
86	14.9	89	12.6	89	11.4	CALHOUN MI	-15	-10	-24	55	69
29	19.0	22	11.3	30	13.2	CASS MI	-41	16	-31	46	81
12	16.3	8	8.4	17	15.2	CHARLEVOIX MI	-49	81	-7	70	90
10	14.0	10	12.3	9	6.8	CHEBOYGAN MI	-12	-45	-52	21	22
27*	25.1	16	12.5	35*	22.0	CHIPPEWA MI	-50	76	-12	66	97
16*	29.9	13	15.1	24*	16.6	CLARE MI	-50	10	-44	29	93
17	11.1	21	11.6	28	12.4	CLINTON MI	5	6	12	80	76
2	11.7	6	19.0	3	6.6	CRAWFORD MI	63	-65	-43	31	20
31*	18.7	19	9.6	30	12.1	DELTA MI	-49	27	-35	41	75
13	10.8	19	12.5	25	11.1	DICKINSON MI	15	-11	2	76	66
35	15.9	30	11.7	38	10.8	EATON MI	-27	-8	-32	44	64
15	16.8	9	8.9	8	5.1	EMMET MI	-47	-43	-70	07	11
149	14.1	169	11.5	237*	13.2	GENESEE MI	-18	15	-6	71	81
6	13.0	11	15.2	21*	18.3	GLADWIN MI	17	20	41	89	95
15	11.0	22	13.6	19	10.6	GOGEBIC MI	23	-23	-4	72	62
22	11.8	21	9.2	29	10.7	GRAND TRAVERSE MI	-22	16	-9	69	63
38	19.6	20	9.4	25	10.8	GRATIOT MI	-52	14	-45	28	64
27	14.5	25	11.5	28	10.7	HILLSDALE MI	-21	-7	-26	52	63
42	18.2	31	13.0	42*	15.8	HOUGHTON MI	-29	22	-13	65	91
37*	23.1	18	8.7	30	12.3	HURON MI	-62	41	-47	26	75
94	11.6	116	11.8	131	11.5	INGHAM MI	2	-3	-1	74	70
37	18.5	24	9.4	29	11.5	IONIA MI	-49	22	-38	37	70

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
8	13.0	14	15.2	22	14.2	IOSCO MI	17	-7	9	79	86
18	19.8	10	9.6	16	12.4	IRON MI	-52	30	-37	38	76
18	15.3	16	10.4	25	13.4	ISABELLA MI	-32	28	-13	66	82
77	13.6	78	11.5	88	11.1	JACKSON MI	-16	-3	-18	60	67
70	10.8	71	8.3	98	9.4	KALAMAZOO MI	-23	13	-14	65	48
1	4.5	4	16.2	7	17.5	KALKASKA MI	264	8	293	99	94
193	12.5	178	9.0	211	8.7	KENT MI	-27	-4	-30	46	40
2	11.2	2	12.5	2	10.3	KEWEENAW MI	12	-17	-8	70	60
6	22.4	2	6.3	6	16.2	LAKE MI	-72	156	-28	50	92
24	13.9	17	8.3	20	7.5	LAPEER MI	-40	-9	-46	28	28
3	6.9	5	7.7	13	16.1	LEELANAU MI	11	110	134	97	92
67*	18.6	45	10.8	56	11.3	LENAWEE MI	-42	5	-39	35	69
25	16.4	19	8.9	22	6.7	LIVINGSTON MI	-46	-24	-59	15	21
5	12.1	6	14.2	8	16.1	LUCE MI	17	14	33	86	92
5	12.6	8	15.9	6	9.2	MACKINAC MI	26	-43	-27	50	45
146*	20.4	214*	14.6	327*	12.5	MACOMB MI	-28	-15	-39	36	77
16	14.6	22*	16.6	20	12.0	MANISTEE MI	14	-28	-17	61	74
38	16.5	38	14.0	34	10.2	MARQUETTE MI	-15	-27	-38	36	58
18	14.7	16	11.9	15	8.6	MASON MI	-19	-28	-42	32	39
12	12.2	15	12.6	17	12.4	MECOSTA MI	3	-1	1	76	77
10	8.2	14	9.6	19	10.6	MENOMINEE MI	17	10	29	85	62
10	8.5	22	11.4	26	8.7	MIDLAND MI	34	-24	2	76	40
6	16.8	6	16.3	4	8.2	MISSAUKEE MI	-3	-50	-51	22	34
58	17.5	57	12.9	71	12.2	MONROE MI	-26	-5	-30	47	75
45*	24.4	27	12.3	22	8.3	MONTCALM MI	-50	-33	-66	09	36
2	9.1	3	12.4	1	1.9	MONTMORENCY MI	37	-85	-79	02	03
71	14.5	71	10.9	78	9.6	MUSKEGON MI	-25	-12	-34	42	51
29*	26.6	18	12.3	23	12.0	NEWAYGO MI	-54	-3	-55	18	73
235	13.6	328	11.1	463	10.3	OAKLAND MI	-18	-8	-24	54	59
8	9.2	5	4.5	21*	16.8	OCEANA MI	-51	274	83	94	93
5	12.0	15*	21.6	16	16.5	OGEMAW MI	80	-24	37	88	93
10	25.6	6	11.6	13*	20.2	ONTONAGON MI	-55	74	-21	57	96
14	18.9	18*	21.2	21*	18.3	OSCEOLA MI	12	-14	-3	73	95
2	10.1	2	9.0	1	3.4	OSCODA MI	-11	-63	-67	09	05
4	13.6	6	13.8	12*	15.7	OTSEGO MI	1	14	15	82	91
52	14.8	56	11.5	48	7.0	OTTAWA MI	-23	-39	-53	20	23
8	14.8	5	7.6	9	11.3	PRESQUE ISLE MI	-49	49	-23	55	69
4	10.3	10	17.3	27*	25.5	ROSCOMMON MI	69	47	148	97	98
122*	17.4	100	11.5	103	10.0	SAGINAW MI	-34	-13	-42	31	56
71	15.3	69	11.8	75	10.5	ST CLAIR MI	-22	-11	-31	45	61
33	15.2	38	15.1	36	12.7	ST JOSEPH MI	-1	-16	-17	62	78
27	15.3	17	8.4	42*	16.8	SANILAC MI	-45	99	10	80	93
8	20.3	5	10.0	8	12.1	SCHOOLCRAFT MI	-51	21	-40	33	75
27	10.9	24	8.2	45	13.2	SHIAWASSEE MI	-24	60	21	84	81
30	14.6	41*	16.3	32	10.9	TUSCOLA MI	12	-33	-25	53	65
29	11.4	39	12.9	28	7.4	VAN BUREN MI	12	-43	-36	40	26
69	12.0	45	6.0	80	8.6	WASHTENAW MI	-50	45	-28	49	39
1199	13.6	1268	11.7	1130	10.1	WAYNE MI	-14	-13	-25	53	57
13	13.7	16	14.2	17	12.0	WEXFORD MI	4	-15	-12	66	74
1760	11.3	1802	9.1	2083	8.4	MINNESOTA MN	-19	-8	-26		
2	3.7	5	6.1	8	7.8	AITKIN MN	68	27	114	96	31
20	11.1	27	10.0	49	11.1	ANOKA MN	-10	12	1	75	67
15	13.3	11	7.9	12	6.7	BECKER MN	-41	-15	-50	23	21
13	13.6	13	10.6	17	10.5	BELTRAMI MN	-22	-1	-23	55	61
6	9.2	9	10.2	8	5.6	BENTON MN	11	-45	-39	35	13
3	6.2	8	13.8	4	4.0	BIG STONE MN	124	-71	-35	41	07
20	8.9	25	8.9	23	6.2	BLUE EARTH MN	0	-30	-30	47	17
15	10.2	18	10.0	25	11.2	BROWN MN	-1	12	10	80	68
11	9.3	18	12.3	18	10.3	CARLTON MN	32	-16	12	80	60
11	11.7	13	10.1	10	5.9	CARVER MN	-13	-42	-50	24	15
9	10.7	5	4.2	13	8.9	CASS MN	-61	114	-17	62	43
14	16.9	5	5.3	11	8.2	CHIPPEWA MN	-69	56	-51	22	35
6	8.1	10	9.7	8	6.3	CHISAGO MN	19	-35	-22	57	18
9	7.3	11	6.1	28	11.0	CLAY MN	-16	79	51	91	66
4	9.8	6	11.9	3	5.1	CLEARWATER MN	21	-57	-48	25	11
1	9.9	3	25.2	3	14.0	COOK MN	154	-44	41	89	85
4	4.8	11	10.2	11	9.1	COTTONWOOD MN	111	-10	89	95	45
14	9.2	21	10.0	15	5.1	CROW WING MN	8	-49	-45	29	11
29	13.0	20	5.7	47	8.1	DAKOTA MN	-56	43	-36	37	33
13	18.6	9	11.0	12	10.1	DODGE MN	-41	-9	-46	27	57
13	10.8	15	9.7	16	7.6	DOUGLAS MN	-11	-22	-30	47	28
12	9.4	14	9.2	14	7.1	FARIBAULT MN	-2	-23	-24	55	24
22	14.9	20	12.4	19	12.4	FILLMORE MN	-16	0	-17	62	76
19	11.2	20	9.2	25	9.2	FREEBORN MN	-18	-1	-19	60	45
30	15.0	40*	16.7	37	13.4	GOODHUE MN	11	-19	-11	67	82
5	11.6	10	18.5	7	10.7	GRANT MN	60	-42	-7	70	63
405	10.6	452	9.2	514	8.6	HENNEPIN MN	-13	-6	-18	60	39
9	11.3	7	6.7	4	3.3	HOUSTON MN	-40	-52	-71	06	05
4	8.5	6	9.5	7	8.0	HUBBARD MN	11	-16	-6	71	33
8	11.1	6	7.2	5	4.3	ISANTI MN	-35	-41	-62	13	07
14	11.6	15	8.4	9	4.1	ITASCA MN	-28	-51	-65	11	07
2	2.6	11	12.2	7	6.7	JACKSON MN	361	-45	152	97	21
7	16.5	4	7.4	8	11.9	KANABEC MN	-55	62	-28	50	73
15	9.5	15	8.3	15	6.2	KANDIYOHI MN	-13	-25	-35	40	17
6	15.0	4	8.0	5	10.6	KITTSON MN	-47	33	-30	48	62
8	13.9	5	7.0	9	10.1	KOOCHICHING MN	-50	44	-28	50	57
4	5.7	8	10.5	3	2.7	LAC QUI PARLE MN	85	-74	-53	20	04
3	6.6			3	4.1	LAKE MN			-39	36	07
3	20.8	2	8.5	1	3.3	LAKE OF THE WOODS MN	-59	-61	-84	01	05
16	14.5	13	10.1	15	9.2	LE SUEUR MN	-30	-10	-37	38	45
3	7.0	5	7.3	5	6.4	LINCOLN MN	5	-12	-8	70	19
14	12.6	14	11.0	10	5.6	LYON MN	-13	-50	-56	17	13
17	13.2	15	9.4	19	9.5	MC LEOD MN	-29	0	-28	49	49
1	7.0			3	10.4	MAHNOMEN MN			48	90	61
5	7.6	5	7.3	9	9.6	MARSHALL MN	-4	31	25	85	51
13	9.8	15	9.5	9	5.4	MARTIN MN	-2	-44	-45	28	12
14	14.3	9	8.0	19	12.8	MEEKER MN	-44	60	-11	67	79
15	19.0	8	8.2	8	6.6	MILLE LACS MN	-57	-20	-65	10	20

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
20	17.4	15	10.7	19	9.2	MORRISON MN	-39	-14	-47	26	46
25	12.5	22	8.7	34	10.2	MOWER MN	-30	17	-18	60	58
5	8.3	4	6.2	7	8.1	MURRAY MN	-25	31	-2	74	34
9	7.4	13	9.5	14	9.8	NICOLLET MN	29	3	33	86	53
15	13.5	10	7.3	18	10.1	NOBLES MN	-45	36	-25	53	57
6	9.5	5	5.6	6	5.0	NORMAN MN	-41	-10	-47	26	10
31	10.7	21	5.8	38	7.6	OLMSTED MN	-46	32	-29	48	28
35	12.4	20	5.7	27	6.8	OTTER TAIL MN	-54	20	-45	28	22
5	8.2	2	2.3	7	5.8	PENNINGTON MN	-72	160	-28	49	15
8	8.4	12	12.0	16	11.5	PINE MN	43	-4	38	88	70
10	13.6	5	6.3	8	6.9	PIPESTONE MN	-53	9	-49	24	23
23	12.9	17	7.8	27	9.8	POLK MN	-40	26	-24	55	53
5	7.6	8	9.8	5	5.2	POPE MN	30	-47	-31	46	12
228	11.4	241	9.5	267	8.7	RAMSEY MN	-16	-9	-24	55	40
3	12.7	2	6.8	1	2.7	RED LAKE MN	-47	-60	-78	03	04
9	9.0	17	12.5	11	6.7	REDWOOD MN	40	-47	-25	53	21
11	9.2	10	6.9	20	11.1	RENVILLE MN	-25	62	21	84	67
20	10.4	21	8.9	26	8.9	RICE MN	-14	-1	-15	64	42
6	11.4	8	12.7	4	6.0	ROCK MN	12	-53	-48	26	16
11	20.3	4	5.8	3	3.6	ROSEAU MN	-71	-38	-82	02	06
130	12.1	105	8.0	137	8.9	ST LOUIS MN	-34	11	-26	51	42
15	17.0	9	8.1	12	6.4	SCOTT MN	-53	-21	-62	13	19
4	7.1	8	11.8	8	6.7	SHERBURNE MN	65	-43	-6	71	21
8	10.1	11	11.1	8	6.3	SIBLEY MN	10	-43	-38	37	18
32	10.6	45	11.5	38	7.3	STEARNS MN	9	-37	-31	45	25
13	10.9	18	12.9	16	8.0	STEELE MN	18	-38	-26	51	33
10	19.1	7	10.8	7	8.2	STEVENS MN	-43	-24	-57	16	35
14	18.9	12	13.2	7	6.5	SWIFT MN	-30	-51	-66	10	19
9	7.0	14	9.7	12	7.3	TODD MN	38	-25	4	77	25
4	9.7	7	14.9	5	7.6	TRAVERSE MN	53	-49	-21	57	28
15	14.1	11	9.0	10	6.1	WABASHA MN	-36	-33	-57	16	16
15*	26.7	7	9.7	9	8.7	WADENA MN	-64	-10	-67	09	41
10	11.7	12	11.9	11	9.5	WASECA MN	2	-20	-18	60	50
22	13.0	21	9.0	35	9.9	WASHINGTON MN	-31	10	-24	54	54
12	15.8	15	16.6	10	8.8	WATONWAN MN	5	-47	-44	30	42
7	15.3	3	5.7	3	4.7	WILKIN MN	-63	-18	-70	07	09
23	10.6	23	9.2	39	11.8	WINONA MN	-13	28	12	80	73
19	12.5	25	13.4	26	10.2	WRIGHT MN	7	-24	-19	59	58
7	8.4	6	6.2	2	1.5	YELLOW MEDICINE MN	-26	-75	-82	02	03
892*	16.7	867*	12.3	880	9.3	MISSISSIPPI MS	-26	-24	-44		
8	13.5	6	7.4	12	11.2	ADAMS MS	-45	52	-17	62	68
23*	22.6	13	10.1	17	9.4	ALCORN MS	-55	-7	-58	15	49
4	8.9	3	6.3	7	12.6	AMITE MS	-30	100	41	89	78
13	19.2	11	11.9	7	5.9	ATTALA MS	-38	-51	-69	07	15
6	25.1	3	11.7	1	3.3	BENTON MS	-53	-72	-87	00	05
14	20.5	8	8.9	9	7.3	BOLIVAR MS	-57	-17	-64	11	26
10	15.2	13	16.6	8	8.2	CALHOUN MS	9	-51	-46	27	35
5	15.7	1	2.8			CARROLL MS	-82				
6	10.8	8	11.0	15*	17.0	CHICKASAW MS	2	54	57	92	93
14*	39.2	7	15.4	6	12.8	CHOCTAW MS	-61	-17	-67	09	79
1	6.2					CLAIBORNE MS					
11	20.2	8	13.3	5	5.7	CLARKE MS	-34	-57	-72	06	14
7	16.2	13*	24.1	8	11.1	CLAY MS	49	-54	-31	45	67
11	15.4	13	16.2	8	9.4	COAHOMA MS	5	-42	-39	35	48
12	14.5	7	7.6	9	8.5	COPIAH MS	-48	11	-42	32	37
10	19.6	2	3.6	7	10.9	COVINGTON MS	-82	206	-44	29	65
6	14.8	7	10.8	17	14.6	DE SOTO MS	-27	35	-1	74	88
26	19.1	18	9.1	28	9.9	FORREST MS	-52	9	-48	25	55
5	21.5	9*	31.3	6	15.1	FRANKLIN MS	46	-52	-30	47	89
7	24.3	4	10.2	8	12.1	GEORGE MS	-58	19	-50	23	74
		2	5.0	3	8.3	GREENE MS		68			56
8	17.6	5	6.9	12	14.9	GRENADA MS	-61	115	-15	63	89
16*	28.7	8	11.7	12	12.3	HANCOCK MS	-59	5	-57	16	76
37	15.8	37	9.9	63	11.5	HARRISON MS	-37	16	-27	50	70
48	12.7	50	8.6	62	7.8	HINDS MS	-32	-10	-38	36	30
8	15.4	7	13.6	5	8.2	HOLMES MS	-12	-40	-47	27	35
1	4.0	2	7.9	3	8.1	HUMPHREYS MS	96	3	102	95	34
20*	29.1	14	16.3	10	9.4	ITAWAMBA MS	-44	-42	-68	08	48
13	11.3	14	8.2	24	7.6	JACKSON MS	-27	-7	-32	44	29
9	19.5	11*	21.4	3	4.2	JASPER MS	10	-60	-79	03	07
1	5.1	5	26.9	1	5.0	JEFFERSON MS	428	-82	-3	73	10
4	16.3	6	16.7	4	9.0	JEFFERSON DAVIS MS	2	-46	-45	29	44
32	17.7	25	11.1	25	8.2	JONES MS	-37	-26	-53	19	35
3	7.9	5	10.6	4	9.5	KEMPER MS	34	-11	20	83	49
14*	23.3	7	8.4	8	8.7	LAFAYETTE MS	-64	4	-63	12	40
5	10.7	4	6.5	1	1.4	LAMAR MS	-40	-79	-87	00	02
36	15.9	24	8.0	24	6.3	LAUDERDALE MS	-50	-21	-60	14	18
5	17.7	6	17.0	5	11.1	LAWRENCE MS	-4	-35	-38	37	66
14*	25.0	10	13.1	12	13.4	LEAKE MS	-47	2	-46	27	82
22	16.3	34*	17.9	26	10.6	LEE MS	10	-41	-35	41	62
8	9.8	14	13.7	9	5.8	LEFLORE MS	40	-58	-41	33	15
21*	24.0	5	4.7	13	8.9	LINCOLN MS	-80	89	-63	12	42
7	7.5	16	11.6	17	9.5	LOWNDES MS	54	-18	26	85	50
6	12.0	6	10.3	5	5.6	MADISON MS	-14	-45	-53	20	14
13	20.5	13	16.2	12	9.9	MARION MS	-21	-39	-51	22	55
4	10.4	8	16.3	9	12.8	MARSHALL MS	58	-22	23	84	79
15	15.2	17	13.4	17	9.8	MONROE MS	-12	-26	-35	40	54
10	19.6	7	12.8	7	9.6	MONTGOMERY MS	-35	-25	-51	22	51
17*	25.1	17	16.3	11	9.4	NESHOBA MS	-35	-42	-63	12	48
15	22.4	16	18.0	15	12.9	NEWTON MS	-20	-28	-43	31	79
9*	33.6	5	14.4	7	17.7	NOXUBEE MS	-57	23	-47	26	94
6	11.4	15*	22.8	5	5.7	OKTIBBEHA MS	101	-73	-50	24	14
18*	29.1	16*	21.0	10	10.1	PANOLA MS	-28	-52	-65	10	57
8	12.6	10	11.7	18	13.4	PEARL RIVER MS	-7	15	6	78	82
5	17.0	4	13.2	3	9.8	PERRY MS	-22	-26	-42	31	54
7	6.6	14	10.4	19	11.9	PIKE MS	58	15	81	94	73
10	13.0	10	9.8	10	7.6	PONTOTOC MS	-24	-22	-41	32	29
16	20.8	9	9.4	6	4.2	PRENTISS MS	-55	-56	-80	02	07

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
6	20.6	7	19.0	6	14.4	QUITMAN MS	-8	-24	-30	47	87
10	11.9	15	12.8	18	9.2	RANKIN MS	7	-28	-23	56	46
12	21.9	11	13.6	3	2.5	SCOTT MS	-38	-82	-89	00	04
1	5.5	2	11.5	4	19.3	SHARKEY MS	110	68	253	98	96
10	16.6	12	15.1	16	15.1	SIMPSON MS	-9	0	-9	69	89
2	3.2	16*	26.2	9	12.4	SMITH MS	707	-53	282	99	76
6	25.3	4	15.9	3	7.8	STONE MS	-37	-51	-69	07	30
15*	22.8	10	13.4	5	5.3	SUNFLOWER MS	-41	-60	-77	03	12
12*	30.9	3	4.9	4	5.9	TALLAHATCHIE MS	-84	19	-81	02	15
8	22.2	7	13.9	10	14.4	TATE MS	-38	4	-35	41	87
17*	25.9	15*	18.7	6	6.5	TIPPAH MS	-28	-65	-75	04	20
12	17.3	16*	18.6	17	15.4	TISHOMINGO MS	8	-18	-11	67	90
		4	22.3	2	9.4	TUNICA MS		-58			48
8	9.8	17	17.2	15	10.9	UNION MS	75	-36	11	80	65
5	19.2	5	10.4	8	13.6	WALTHALL MS	-46	31	-29	48	83
10	9.6	14	10.5	20	11.1	WARREN MS	9	5	15	82	66
16	14.8	22	16.3	14	8.1	WASHINGTON MS	10	-51	-46	27	33
4	7.9	6	12.0	5	7.1	WAYNE MS	52	-41	-10	68	24
8	18.1	8	13.2	10	14.8	WEBSTER MS	-27	12	-19	60	88
3	12.8	3	12.1	5	19.6	WILKINSON MS	-5	62	53	91	96
14*	24.1	17*	25.4	4	3.7	WINSTON MS	6	-85	-85	01	06
9	17.6	8	14.8	5	5.7	YALOBUSHA MS	-16	-61	-68	08	14
14	21.5	13	16.0	11	10.9	YAZOO MS	-26	-32	-49	24	65
3104	14.0	3312*	12.5	3570*	11.5	MISSOURI MO	-11	-8	-18		
22	16.9	29*	19.8	14	10.5	ADAIR MO	17	-47	-38	37	61
13	15.9	13	13.4	6	6.3	ANDREW MO	-16	-53	-61	14	18
6	10.6	5	7.0	6	7.7	ATCHISON MO	-35	11	-27	50	30
11	7.8	14	7.9	19	11.3	AUDRAIN MO	2	42	45	90	69
19	14.4	17	10.9	30*	15.5	BARRY MO	-24	42	7	78	90
9	8.8	9	9.8	16	11.9	BARTON MO	12	21	35	87	73
15	11.2	19	12.5	13	8.1	BATES MO	11	-35	-27	50	34
13	20.7	14	17.5	18*	16.4	BENTON MO	-15	-6	-21	58	93
8	14.4	9	14.3	8	9.2	BOLLINGER MO	0	-36	-36	40	47
22	9.5	22	7.3	48	12.6	BOONE MO	-23	73	32	86	78
107*	17.0	95*	14.1	89	12.9	BUCHANAN MO	-17	-9	-24	54	79
28	17.8	43*	20.8	51*	21.6	BUTLER MO	17	4	21	84	97
15	18.1	8	7.1	12	14.2	CALDWELL MO	-61	101	-21	57	86
18	12.0	21	12.7	20	11.3	CALLAWAY MO	5	-11	-6	71	69
15*	29.5	8	10.9	20	16.0	CAMDEN MO	-63	46	-46	27	92
23	11.5	27	9.8	29	8.5	CAPE GIRARDEAU MO	-14	-14	-26	52	38
24*	22.8	12	11.5	21*	19.0	CARROLL MO	-49	65	-16	62	95
8*	38.8	4	13.6	8*	22.5	CARTER MO	-65	65	-42	32	97
17	12.4	17	9.5	38*	15.6	CASS MO	-23	64	26	85	91
17*	20.1	13	14.0	11	9.5	CEDAR MO	-30	-32	-53	20	49
15	17.9	18*	18.5	11	10.6	CHARITON MO	3	-43	-41	33	62
7	9.5	12	13.4	11	8.8	CHRISTIAN MO	41	-35	-8	70	41
14*	22.7	8	11.2	17*	26.1	CLARK MO	-51	134	15	82	98
26	9.8	38	9.1	60	10.2	CLAY MO	-7	12	4	77	59
16	17.2	15	15.8	22*	20.6	CLINTON MO	-8	31	20	83	96
17	9.3	26	10.7	32	10.2	COLE MO	15	-5	10	80	58
7	7.1	8	8.3	16	12.2	COOPER MO	17	47	72	93	75
14	18.7	11	10.6	12	9.2	CRAWFORD MO	-43	-13	-50	23	47
9	13.1	19*	27.3	19*	21.1	DADE MO	107	-22	61	92	97
6	10.4	19*	23.0	9	8.5	DALLAS MO	122	-63	-18	60	38
21*	23.6	11	12.0	7	6.8	DAVIESS MO	-49	-43	-71	06	22
17*	25.7	7	11.6	18*	29.0	DE KALB MO	-55	150	13	81	99
11	16.9	13	18.0	22*	22.7	DENT MO	7	26	34	87	98
7	13.0	12*	19.0	9	14.1	DOUGLAS MO	46	-26	8	79	85
29	17.1	29	13.5	33	12.9	DUNKLIN MO	-21	-4	-24	54	80
45*	20.7	31	11.2	51	13.5	FRANKLIN MO	-46	20	-35	41	83
14	17.0	9	8.6	13	11.2	GASCONADE MO	-49	30	-34	42	68
12	13.6	16*	18.1	15	16.3	GENTRY MO	33	-10	20	83	92
66	10.1	94	10.9	125	11.1	GREENE MO	8	2	11	80	67
10	8.6	5	3.7	9	6.9	GRUNDY MO	-56	85	-19	59	23
19	17.9	14	12.7	7	5.3	HARRISON MO	-29	-59	-71	06	12
18	13.5	30*	17.4	26	12.7	HENRY MO	29	-27	-6	71	79
2	5.1	7	15.5	6	10.3	HICKORY MO	206	-33	103	96	60
11	15.6	8	13.1	6	7.3	HOLT MO	-16	-45	-53	19	25
9	10.9	8	7.8	15	16.7	HOWARD MO	-29	116	53	91	93
20	16.5	9	5.5	15	7.3	HOWELL MO	-67	32	-56	17	25
9	16.4	6	9.1	9	8.8	IRON MO	-44	-4	-46	27	41
307	10.4	446*	12.8	462*	12.2	JACKSON MO	23	-5	17	82	75
74	14.9	69	12.0	72	11.4	JASPER MO	-19	-4	-23	56	70
25	11.6	40	12.6	43	8.4	JEFFERSON MO	9	-33	-27	50	37
7	5.1	20	12.6	14	7.4	JOHNSON MO	148	-42	45	90	26
3	5.7	8	13.2	4	8.5	KNOX MO	132	-36	49	90	37
15	14.9	11	8.3	17	10.8	LACLEDE MO	-44	30	-28	50	64
16	10.0	22	11.2	24	10.2	LAFAYETTE MO	12	-8	3	76	59
25	16.1	18	10.0	31	13.3	LAWRENCE MO	-38	32	-17	61	82
14	17.9	14	16.4	14	16.6	LEWIS MO	-9	2	-7	70	93
14	16.3	17	14.1	16	11.2	LINCOLN MO	-14	-21	-32	45	67
25	17.9	32*	22.6	27*	13.6	LINN MO	26	-40	-24	54	83
23	19.1	14	13.3	24*	17.2	LIVINGSTON MO	-30	30	-10	68	94
17*	22.5	12	14.1	14	12.4	MC DONALD MO	-37	-12	-45	28	77
16	12.1	20	11.7	26*	16.2	MACON MO	-4	39	33	87	92
12	26.3	12	17.2	10	10.4	MADISON MO	-34	-40	-61	14	60
9	21.9	8	20.2	5	9.2	MARIES MO	-8	-55	-58	15	46
24	12.2	34	16.0	28	11.0	MARION MO	31	-32	-10	68	65
6	12.3	6	11.3	3	4.9	MERCER MO	-8	-57	-60	14	10
11	14.4	9	8.2	17	14.7	MILLER MO	-43	79	2	76	88
9	14.6	9	10.4	10	10.1	MISSISSIPPI MO	-29	-2	-31	46	57
11	14.2	15	16.6	11	11.9	MONITEAU MO	17	-29	-16	62	73
9	10.9	6	5.5	8	8.1	MONROE MO	-49	46	-26	52	33
10	11.3	12	10.9	14	13.1	MONTGOMERY MO	-4	21	16	82	81
5	7.3	2	3.3	6	5.0	MORGAN MO	-56	53	-32	45	11
19	17.8	13	11.2	20	16.1	NEW MADRID MO	-37	44	-10	68	92
30	19.1	22	11.1	35	13.1	NEWTON MO	-42	18	-31	45	81
20	11.2	22	11.9	19	10.7	NODAWAY MO	6	-10	-4	72	63

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
14*	24.5	19*	27.8	23*	28.1	OREGON MO	14	1	15	82	99
10	15.9	9	13.6	5	7.0	OSAGE MO	-14	-49	-56	17	23
5	13.7	5	11.0	6	9.3	OZARK MO	-20	-15	-32	44	47
24*	19.7	26*	19.7	23*	15.8	PEMISCOT MO	0	-20	-20	58	91
11	15.2	10	10.4	18	15.5	PERRY MO	-32	49	2	76	91
31	13.7	32	12.9	31	11.3	PETTIS MO	-6	-13	-18	60	68
17	14.8	23	16.9	15	6.9	PHELPS MO	14	-59	-54	19	22
20	19.5	15	11.9	14	11.1	PIKE MO	-39	-7	-43	30	66
11	12.7	12	10.3	17	10.2	PLATTE MO	-19	0	-20	59	59
10	9.6	17	12.5	20	12.5	POLK MO	31	0	31	86	77
9	13.9	13	14.7	23*	16.7	PULASKI MO	6	27	35	87	95
16*	24.9	12*	20.3	6	7.6	PUTNAM MO	-18	-63	-70	07	28
8	15.0	10	15.6	4	6.2	PALLS MO	4	-61	-59	15	17
27	14.6	29	14.8	22	9.6	RANDOLPH MO	1	-34	-33	44	54
19	17.5	23*	18.3	13	10.3	RAY MO	4	-44	-41	32	59
4	14.4	8*	21.1	10*	25.6	REYNOLDS MO	47	21	78	94	98
7	13.2	5	7.5	10	10.7	RIPLEY MO	-43	42	-19	59	63
22	12.3	33	12.4	59	12.9	ST CHARLES MO	1	4	4	77	80
7	10.2	11	14.5	12	14.6	ST CLAIR MO	43	1	44	89	88
10	19.0	3	4.3	5	5.4	STE GENEVIEVE MO	-77	26	-71	06	13
34	15.6	42*	16.7	45*	14.5	ST FRANCOIS MO	7	-13	-7	70	87
273	11.9	409	11.1	529	10.2	ST LOUIS COUNTY MO	-7	-8	-15	64	58
23	13.2	25	13.5	21	8.9	SALINE MO	3	-34	-32	44	43
10	18.6	9	18.6	9	21.0	SCHUYLER MO	0	13	13	81	97
10	19.1	4	10.1	8	13.6	SCOTLAND MO	-47	35	-29	48	83
25	20.3	19	11.9	28	12.7	SCOTT MO	-41	7	-38	37	78
11*	29.0	7	16.6	5	10.2	SHANNON MO	-43	-39	-65	11	58
15	17.3	14	16.2	6	5.8	SHELBY MO	-6	-64	-67	09	14
27*	19.7	40*	24.1	25	12.6	STODDARD MO	22	-48	-36	39	78
7	15.3	4	5.6	10	11.3	STONE MO	-63	102	-26	52	69
11	13.4	9	10.2	12	19.3	SULLIVAN MO	-24	89	44	90	96
7	12.2	12	13.9	21	13.1	TANEY MO	14	-5	8	79	81
8	8.1	7	5.8	8	4.9	TEXAS MO	-28	-16	-40	34	10
16	9.2	23	12.1	11	6.9	VERNON MO	31	-43	-25	53	23
8	13.5	9	15.1	8	10.6	WARREN MO	12	-30	-22	57	62
14	21.2	19*	25.9	5	5.2	WASHINGTON MO	22	-80	-76	04	11
17*	35.0	10	15.1	18*	21.4	WAYNE MO	-57	42	-39	36	97
12	13.6	16	16.0	13	10.5	WEBSTER MO	17	-34	-23	56	61
5	14.8	5	12.0	4	17.3	WORTH MO	-19	44	17	82	94
18	20.7	18	16.6	22*	17.0	WRIGHT MO	-20	2	-18	61	93
654*	15.4	501	12.3	380	10.4	ST LOUIS CITY MO	-20	-15	-33	44	61
325	12.4	340	10.2	341	8.2	MONTANA MT	-17	-20	-34		
		6	15.9	5	9.6	BEAVERHEAD MT		-40			51
3	12.4	1	3.9	1	3.5	BIG HORN MT	-69	-10	-72	05	05
7	27.1	2	5.5	1	1.9	BLAINE MT	-80	-66	-93	00	03
		4*	26.8	5*	25.3	BROADWATER MT		-5			98
9	17.6	6	10.4	6	10.6	CARBON MT	-41	2	-40	34	62
2	19.5	1	7.9	3	20.8	CARTER MT	-59	163	7	78	97
26	10.9	41	13.2	40	9.5	CASCADE MT	21	-28	-14	65	49
4	12.2	2	5.6			CHOUTEAU MT	-54				
3	5.7	6	7.5	3	2.2	CUSTER MT	31	-71	-62	13	03
3	17.1	3	16.1			DANIELS MT	-6				
8	23.9	3	5.7	5	7.6	DAWSON MT	-76	32	-68	08	28
16	18.1	11	11.2	6	5.9	DEER LODGE MT	-38	-47	-67	08	15
1	8.2	7*	43.3	1	5.2	FALLON MT	431	-88	-36	40	12
3	5.1	14	15.7	8	7.8	FERGUS MT	209	-50	53	91	30
18	12.1	21	10.6	22	8.7	FLATHEAD MT	-12	-18	-28	50	40
15	14.6	10	7.9	12	7.2	GALLATIN MT	-46	-9	-51	22	25
1	11.5	1	10.2	1	14.1	GARFIELD MT	-11	38	23	84	86
2	16.6	2	6.5	10*	33.0	GLACIER MT	-61	408	99	95	99
				1	14.1	GOLDEN VALLEY MT					85
1	12.4			1	3.2	GRANITE MT			-74	05	05
8	15.2	8	11.1	4	3.7	HILL MT	-27	-66	-75	04	06
2	10.4	1	3.7	2	5.8	JEFFERSON MT	-64	56	-44	29	15
		3	20.3	1	8.6	JUDITH BASIN MT		-57			39
6	9.6	9	12.5	6	5.5	LAKE MT	30	-56	-43	30	13
14	10.8	18	11.3	21	9.0	LEWIS AND CLARK MT	4	-20	-17	62	43
1	16.3	2	19.1			LIBERTY MT	17				
7	18.5	2	4.4	5	8.0	LINCOLN MT	-76	82	-57	16	32
1	8.1	2	13.0	2	13.3	MC CONE MT	60	2	64	93	82
3	9.2	5	15.4	5	13.3	MADISON MT	68	-13	46	90	82
5*	51.7	4*	37.6			MEAGHER MT	-27				
		1	9.1	1	6.4	MINERAL MT		-30			19
17	9.8	27	11.9	29	9.4	MISSOULA MT	22	-21	-4	72	48
6	21.0	4	11.4	9*	29.9	MUSSELSHELL MT	-46	162	42	89	99
8	13.0	5	7.1	9	10.2	PARK#MT	-45	44	-21	57	58
		2*	56.5			PETROLEUM MT					
1	3.0			2	6.0	PHILLIPS MT			98	95	16
		2	6.0	2	6.3	PONDERA MT		5			18
		1	9.9	1	7.7	POWDER RIVER MT		-22			30
2	7.3	2	6.2	4	10.0	POWELL MT	-15	62	37	88	56
1	6.4			2	18.4	PRAIRIE MT			189	98	95
7	9.9	5	5.1	6	5.1	RAVALLI MT	-49	0	-49	25	11
8	18.7	7	11.0	4	6.6	RICHLAND MT	-41	-40	-65	11	20
1	2.4	2	4.6	1	3.1	ROOSEVELT MT	91	-32	30	86	04
3	12.1	1	3.9	1	4.9	ROSEBUD MT	-67	24	-60	14	10
5	15.8	2	5.3	2	4.3	SANDERS MT	-67	-18	-73	05	07
3	9.6	2	5.8	4	8.2	SHERIDAN MT	-40	42	-14	64	35
49*	19.7	27	10.0	26	8.5	SILVER BOW MT	-49	-15	-57	16	38
2	8.0	7*	22.8	4	11.1	STILLWATER MT	184	-51	38	88	67
1	5.3			2	8.4	SWEET GRASS MT			58	92	37
3	11.5	2	5.3	4	9.7	TETON MT	-54	83	-16	63	52
4	15.3	2	7.9	2	6.2	TOOLE MT	-48	-22	-60	14	17
2*	37.0	1	17.9			TREASURE MT	-52				
5	12.7	3	5.4	3	6.0	VALLEY MT	-57	11	-52	20	16
1	6.7	2	12.5	3	15.5	WHEATLAND MT	87	23	130	96	90
1	10.7	1	18.7			WIBAUX MT	75				
26	10.5	37	10.1	43	8.7	YELLOWSTONE MT	-4	-14	-17	62	40

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
											%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
669	9.3	652	7.3	802	7.5	NEBRASKA	NB	-21	3	-19		
7	4.2	10	4.4	17	5.9	ADAMS	NB	6	34	42	89	16
3	4.2	7	8.7	7	8.9	ANTELOPE	NB	107	2	111	96	42
		1	35.3	1	14.9	ARTHUR	NB		-58			89
		1	26.5			BANNER	NB					
6	10.0	4	6.9	7	8.7	BOONE	NB	-31	27	-13	65	40
6	9.9	4	5.8	4	5.2	BOX BUTTE	NB	-41	-10	-47	26	12
3	11.5	2	6.3	1	2.3	BOYD	NB	-46	-63	-80	02	03
3	8.5	3	7.8	3	9.2	BROWN	NB	-8	17	8	79	46
10	6.9	8	4.0	21	9.6	BUFFALO	NB	-42	140	40	88	51
6	8.0	8	9.5	9	9.5	BURT	NB	19	0	19	83	49
8	11.9	7	8.5	9	10.0	BUTLER	NB	-28	18	-16	63	56
10	10.3	8	7.9	6	5.7	CASS	NB	-24	-53	-64	11	06
3	4.6	9	11.5	7	7.6	CEDAR	NB	151	-34	66	93	28
4	17.4	4	11.4	4	9.8	CHASE	NB	-35	-14	-44	30	53
3	8.8	4	10.1	2	4.3	CHERRY	NB	14	-58	-52	22	07
3	5.3	2	3.1	6	7.0	CHEYENNE	NB	-42	128	33	87	24
6	8.7	4	6.4	7	9.9	CLAY	NB	-26	55	14	81	55
5	8.2	7	8.9	6	4.9	COLFAX	NB	8	-45	-40	33	10
10	14.6	5	5.6	10	10.4	CUMING	NB	-61	85	-29	49	60
14	13.7	10	9.1	16	9.8	CUSTER	NB	-33	8	-28	49	53
5	11.9	5	8.8	8	11.0	DAKOTA	NB	-26	25	-8	69	65
9	18.8	3	6.3	5	6.0	DAWES	NB	-67	-4	-68	08	16
14	14.5	11	8.4	9	5.0	DAWSON	NB	-42	-40	-65	10	11
1	4.1	4	13.6	2	5.6	DEUEL	NB	231	-59	37	88	14
9	18.4	6	9.4	4	6.1	DIXON	NB	-49	-36	-67	09	17
11	6.8	17	7.5	26	9.9	DODGE	NB	10	32	45	90	54
145	10.3	130	7.2	203	9.3	DOUGLAS	NB	-30	30	-9	69	48
1	5.1			1	4.6	DUNDY	NB			-11	67	08
4	5.8	4	6.6	3	4.8	FILLMORE	NB	14	-27	-17	61	10
4	9.9	1	3.2	5	8.6	FRANKLIN	NB	-68	169	-13	65	39
1	4.2	2	7.4	6	15.0	FRONTIER	NB	78	103	260	99	89
11	18.4	1	.9	11	20.1	FURNAS	NB	-95	2061	9	79	96
11	6.1	9	4.4	25	9.7	GAGE	NB	-27	118	60	92	52
2	11.5	1	4.9	2	30.2	GARDEN	NB	-57	512	163	97	99
		1	4.2	1	5.8	GARFIELD	NB		39			15
		3	23.1	1	6.0	GOSPER	NB		-74			16
		1	4.2	2	4.3	GREELEY	NB		4			08
14	7.3	25	10.0	23	6.8	HALL	NB	36	-32	-8	69	22
5	9.7	3	3.7	6	8.9	HAMILTON	NB	-62	142	-9	69	42
3	7.6	3	7.6	3	6.5	HARLAN	NB	0	-15	-15	63	19
3	40.4					HAYES	NB					
3	10.9	2	6.1	2	6.9	HITCHCOCK	NB	-44	14	-37	39	23
7	8.8	4	5.0	8	5.5	HOLT	NB	-43	9	-38	37	13
2	33.5	2	18.6	2	24.7	HOOKER	NB	-44	33	-26	51	98
5	15.2	7	15.5			HOWARD	NB	2				
8	9.4	6	5.8	8	8.0	JEFFERSON	NB	-39	38	-16	62	32
1	2.9	4	7.6	4	6.9	JOHNSON	NB	166	-9	141	97	22
4	9.4	3	4.2	4	7.0	KEARNEY	NB	-56	66	-26	52	23
		8	17.0	2	3.4	KEITH	NB		-80			05
		1	12.4			KEYA PAHA	NB					
1	6.9	2	9.4	2	7.4	KIMBALL	NB	37	-21	8	79	27
4	6.1	6	7.6	1	1.0	KNOX	NB	26	-87	-84	01	02
69	9.1	61	6.6	82	7.7	LANCASTER	NB	-27	16	-15	63	29
13	10.2	14	8.7	10	4.8	LINCOLN	NB	-14	-44	-52	20	10
1	22.5	1	37.2			LOUP	NB	65				
1	18.4					MC PHERSON	NB					
17	11.1	16	8.5	20	8.2	MADISON	NB	-24	-4	-26	51	34
5	10.6	4	7.4	8	11.0	MERRICK	NB	-30	48	4	77	66
4	11.9	5	13.0	1	1.9	MORRILL	NB	9	-85	-84	01	03
6	17.4	3	7.4	3	5.0	NANCE	NB	-58	-33	-72	06	10
5	7.3	9	13.2	4	5.1	NEMAHA	NB	81	-61	-30	47	11
5	9.7	5	8.9	5	4.9	NUCKOLLS	NB	-9	-44	-49	24	10
7	6.7	14	11.5	8	7.3	OTOE	NB	72	-37	8	79	25
		2	3.6			PAWNEE	NB					
4	25.3	1	3.6	1	3.0	PERKINS	NB	-86	-17	-88	00	04
6	10.5	8	10.5	7	8.9	PHELPS	NB	0	-16	-16	63	42
5	11.0	9	16.2	4	4.7	PIERCE	NB	47	-71	-58	16	09
3	3.0	6	4.9	7	3.9	PLATTE	NB	60	-19	30	86	06
10	18.7	2	4.2	3	4.2	POLK	NB	-78	1	-77	03	07
8	12.0	5	6.0	3	2.2	RED WILLOW	NB	-50	-64	-82	02	03
5	4.4	6	4.6	7	5.9	RICHARDSON	NB	6	28	35	87	15
		3	20.7	1	4.9	ROCK	NB		-76			10
11	11.7	9	6.6	15	13.8	SALINE	NB	-44	109	18	83	84
8	14.5	6	6.3	13	7.4	SARPY	NB	-56	18	-49	25	27
13	13.0	9	8.1	4	2.6	SAUNDERS	NB	-38	-68	-80	02	04
10	7.1	25	13.8	18	7.4	SCOTTS BLUFF	NB	96	-46	5	78	27
8	10.2	6	6.1	7	6.6	SEWARD	NB	-40	9	-35	41	21
4	8.6	6	10.3	5	9.1	SHERIDAN	NB	19	-11	6	78	45
3	9.0	5	13.2	2	3.7	SHERMAN	NB	47	-72	-58	15	06
6	21.0	4	10.3	3	8.2	STANTON	NB	-51	-21	-61	13	34
2	2.9	7	9.7	4	5.7	THAYER	NB	233	-41	100	95	14
1	27.0	2	58.5			THOMAS	NB	117				
5	18.7	2	6.1	3	8.4	THURSTON	NB	-67	38	-55	18	37
2	4.1	4	7.9	7	14.2	VALLEY	NB	92	80	247	98	86
5	6.6	5	5.3	4	3.9	WASHINGTON	NB	-21	-26	-41	32	06
6	12.2	2	3.4	6	9.3	WAYNE	NB	-72	171	-23	55	47
3	5.5	1	1.5	5	7.7	WEBSTER	NB	-72	403	39	88	29
3*	86.6			2*	37.7	WHEELER	NB			-56	16	99
7	7.5	2	1.8	8	7.8	YORK	NB	-76	332	4	77	31
106	14.7	174*	13.1	343*	13.3	NEVADA	NV	-11	1	-10		
7	26.1	7	20.1	6	9.5	CHURCHILL	NV	-23	-53	-63	12	50
27	12.8	70	12.2	173*	13.0	CLARK	NV	-5	7	2	76	80
2	30.1	1	6.2	7	10.0	DOUGLAS	NV	-73	21	-67	09	55
8	24.9	6	11.0	17*	27.2	ELKO	NV	-56	147	9	79	99
2*	94.4					EUREKA	NV					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
2	11.7	4	14.9	5	15.2	HUMBOLDT	NV	28	2	30	86	90
		2	21.7			LANDER	NV					
2	17.1			2	11.8	LINCOLN	NV			-31	46	72
6*	33.4	3	10.4	6	9.2	LYON	NV	-69	-11	-72	05	46
3	32.6	4	20.9	2	6.4	MINERAL	NV	-36	-70	-81	02	18
7*	48.2	7*	41.6	3	9.9	NYE	NV	-14	-76	-80	02	54
2	17.4	1	7.9	3	21.4	PERSHING	NV	-55	172	23	84	97
1	17.3					STOREY	NV					
32	11.2	62	14.4	97*	13.4	WASHOE	NV	29	-7	20	84	82
3	9.3	2	5.6	6	13.1	WHITE PINE	NV	-40	135	41	89	81
2	9.1	5	11.6	16	13.8	ORMSBY-CARSON CITY	NV	28	19	53	91	84
464	13.9	494*	12.3	584*	11.2	NEW HAMPSHIRE	NH	-12	-9	-20		
25	13.9	24	12.1	28	10.1	BELKNAP	NH	-12	-17	-27	51	57
16	14.2	29*	21.8	21	10.2	CARROLL	NH	53	-53	-28	49	58
28	11.5	32	10.9	44	11.8	CHESHIRE	NH	-5	8	2	76	72
19	10.0	24	11.7	30	11.4	COOS	NH	17	-2	14	81	70
45	16.0	53*	16.7	44	11.1	GRAFTON	NH	5	-34	-31	46	66
134	13.9	126	10.6	162	10.4	HILLSBOROUGH	NH	-24	-1	-25	54	61
59	12.6	63	11.8	65	9.7	MERRIMACK	NH	-6	-18	-23	56	52
70	15.1	73	12.1	112*	13.1	ROCKINGHAM	NH	-20	8	-13	65	81
43	15.1	46	13.4	52	11.9	STRAFFORD	NH	-11	-11	-21	57	73
25	16.3	24	13.2	26	11.3	SULLIVAN	NH	-19	-14	-31	46	68
3394	13.2	3725	11.1	3850	9.1	NEW JERSEY	NJ	-16	-18	-31		
111	13.4	149*	13.8	142	10.2	ATLANTIC	NJ	3	-26	-23	55	59
348	11.3	462	10.5	504	8.9	BERGEN	NJ	-7	-15	-21	57	42
83	12.8	101	10.6	129	9.2	BURLINGTON	NJ	-17	-13	-28	49	46
220	14.6	258*	12.5	218	8.8	CAMDEN	NJ	-14	-30	-40	34	41
41	14.4	44	9.6	58	8.7	CAPE MAY	NJ	-34	-9	-40	34	40
62	12.8	67	11.6	65	9.5	CUMBERLAND	NJ	-10	-18	-26	52	50
568	12.5	555	11.4	429	9.0	ESSEX	NJ	-8	-21	-28	49	43
68	14.4	58	9.3	65	10.0	GLOUCESTER	NJ	-36	7	-31	46	56
504*	16.0	460*	12.9	392	10.5	HUDSON	NJ	-19	-18	-34	42	62
41	15.6	24	6.9	33	7.5	HUNTERDON	NJ	-56	9	-52	21	27
172	14.9	160	11.2	132	7.5	MERCER	NJ	-25	-33	-50	24	27
177	13.9	215	11.2	254	9.4	MIDDLESEX	NJ	-20	-16	-33	44	48
204	14.4	226	11.0	272	9.6	MONMOUTH	NJ	-23	-13	-33	43	51
88	8.5	145	9.6	141	7.0	MORRIS	NJ	13	-27	-18	61	23
76	17.4	98	10.6	233	10.2	OCEAN	NJ	-39	-4	-41	32	59
238	12.8	239	10.2	248	8.7	PASSAIC	NJ	-21	-14	-32	45	40
24	11.8	24	9.3	33	10.2	SALEM	NJ	-21	10	-13	65	58
63	11.9	60	10.9	88	8.6	SOMERSET	NJ	-9	-21	-28	50	39
24	10.9	35	10.5	48	9.8	SUSSEX	NJ	-3	-7	-10	68	53
235	11.4	271	10.0	297	9.0	UNION	NJ	-13	-10	-21	57	43
47	14.2	54	12.7	49	9.4	WARREN	NJ	-11	-26	-34	42	48
332*	14.7	414*	13.1	598*	12.8	NEW MEXICO	NM	-11	-2	-13		
76	13.2	107	11.9	186*	12.6	BERNALILLO	NM	-10	6	-4	72	78
3	23.6	1	6.0	1	6.7	CATRON	NM	-66	-16	-71	06	21
14	10.7	17	8.9	27	9.2	CHAVES	NM	-18	4	-14	64	46
7	11.1	12	17.5	15*	18.7	COLFAX	NM	57	7	69	93	95
10	11.7	14	10.7	25	12.5	CURRY	NM	-8	17	7	78	77
1	7.7	3	13.3			DE BACA	NM	73				
17	12.6	22	11.6	34	11.8	DONA ANA	NM	-7	2	-6	71	73
11	9.9	18	11.0	35*	14.7	EDDY	NM	11	34	48	90	88
23*	33.1	12	15.2	11	10.3	GRANT	NM	-54	-33	-69	07	59
1	5.2	4	18.6	4	16.6	GUADALUPE	NM	256	-11	218	98	93
1	14.1			3*	40.8	HARDING	NM			189	98	99
		2	11.5	5	21.9	HIDALGO	NM		90			97
12	15.5	17	12.4	29	14.3	LEA	NM	-20	16	-8	70	86
2	9.0	1	2.4	6	11.1	LINCOLN	NM	-73	363	23	84	66
2	2.6	1	7.2	3	7.6	LOS ALAMOS	NM	176	5	190	98	28
6	20.1	6	11.5	10	12.5	LUNA	NM	-43	8	-38	37	77
7	19.4	8	17.8	9	18.2	MC KINLEY	NM	-8	2	-6	71	95
7*	28.6	4	18.5	3	16.0	MORA	NM	-36	-13	-44	29	92
8	12.8	14	14.1	20*	15.4	OTERO	NM	10	9	20	83	90
14*	25.5	11	17.3	16*	24.4	QUAY	NM	-32	41	-4	72	98
14	22.2	11	15.0	17*	25.9	RIO ARRIBA	NM	-32	72	16	82	98
7	10.4	16*	19.6	12	13.9	ROOSEVELT	NM	88	-29	33	87	84
4	15.3	2	5.7	10	12.0	SANDOVAL	NM	-62	109	-22	57	74
8	12.8	16	16.5	25*	14.6	SAN JUAN	NM	29	-11	14	81	88
15	16.3	16	15.8	13	12.6	SAN MIGUEL	NM	-3	-20	-23	56	78
16	12.4	17	8.3	25	8.8	SANTA FE	NM	-33	6	-29	48	41
5	11.9	13*	23.6	10	11.9	SIERRA	NM	98	-49	0	75	73
6	19.6	11*	30.6	6	14.8	SOCORRO	NM	56	-52	-25	54	88
7	12.2	11	17.0	12*	18.3	TAOS	NM	39	8	50	91	95
7*	31.1	6	22.7	3	9.5	TORRANCE	NM	-27	-58	-70	07	49
8	27.7	7	20.6	3	7.7	UNION	NM	-26	-63	-72	05	30
13	22.2	14	16.4	20	13.5	VALENCIA	NM	-26	-17	-39	35	83
10403	13.1	10798*	11.3	10391	9.6	NEW YORK	NY	-14	-14	-26		
191	13.3	190	10.8	234*	11.5	ALBANY	NY	-19	7	-13	65	71
34	13.9	21	7.9	29	9.1	ALLEGANY	NY	-43	15	-35	41	45
1082*	15.2	849	10.5	844*	11.5	BRONX	NY	-31	10	-24	54	70
121	11.5	88	7.0	109	7.3	BROOME	NY	-39	4	-37	38	25
52	12.1	43	8.6	51	9.2	CATTARAUGUS	NY	-29	7	-24	55	46
39	8.5	48	10.2	48	8.6	CAYUGA	NY	19	-15	1	75	39
97	11.5	74	7.5	92	8.8	CHAUTAUQUA	NY	-34	17	-23	55	41
45	8.6	50	8.6	56	8.0	CHEMUNG	NY	-1	-7	-7	70	53
30	11.8	26	8.9	23	7.3	CHENANGO	NY	-25	-18	-38	36	26
37	15.0	27	9.3	26	7.5	CLINTON	NY	-38	-20	-50	23	27
22	7.6	36	10.7	35	8.8	COLUMBIA	NY	42	-18	17	82	42
37	16.8	25	10.2	27	9.3	CORTLAND	NY	-39	-9	-45	29	47
22	8.6	25	8.5	31	9.9	DELAWARE	NY	-2	16	14	81	54
84	9.1	96	8.6	144	10.8	DUTCHESS	NY	-5	26	20	83	64

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
512	11.0	485	8.5	566	8.5	ERIE	NY	-23	1	-22	56	38
28	14.5	25	11.8	29	10.8	ESSEX	NY	-18	-8	-25	53	64
22	9.3	14	5.8	34	12.4	FRANKLIN	NY	-38	116	33	86	76
43	12.6	35	9.3	40	10.0	FULTON	NY	-26	7	-21	58	55
30	11.2	12	3.6	19	5.2	GENESEE	NY	-68	44	-54	19	11
37	13.7	32	13.2	23	7.0	GREENE	NY	-29	-47	-63	12	23
3	11.9	3	10.1	3	7.8	HAMILTON	NY	-16	-22	-34	41	31
45	11.9	40	8.7	49	9.7	HERKIMER	NY	-27	11	-18	60	52
59	11.1	54	9.7	51	7.5	JEFFERSON	NY	-13	-23	-32	44	27
1878*	15.1	1483	10.8	1453*	11.0	KINGS(BROOKLYN)	NY	-28	2	-27	51	66
17	13.9	19	15.1	9	5.9	LEWIS	NY	8	-61	-58	16	15
20	8.4	18	6.8	23	7.7	LIVINGSTON	NY	-19	14	-8	69	29
38	14.4	21	6.7	48	13.2	MADISON	NY	-53	96	-8	69	81
302	10.0	325	8.8	414	9.5	MONROE	NY	-13	8	-6	71	49
39	10.1	38	8.3	42	8.7	MONTGOMERY	NY	-17	4	-14	65	40
500	13.3	683	11.5	715	9.1	NASSAU	NY	-13	-21	-31	45	45
1591*	17.0	2305*	24.1	1006*	11.4	NEW YORK(MANHATTAN)	NY	42	-53	-33	43	69
93	10.0	91	7.9	121	8.6	NIAGARA	NY	-21	9	-14	64	38
121	8.9	140	8.8	117	6.5	ONEIDA	NY	-1	-27	-28	50	19
236	12.4	230	9.9	271	9.6	ONONDAGA	NY	-20	-3	-23	56	51
32	8.7	28	6.1	32	5.9	ONTARIO	NY	-30	-4	-33	43	15
120	12.1	109	9.2	136	9.8	ORANGE	NY	-24	7	-19	59	53
25	13.3	18	9.0	16	6.6	ORLEANS	NY	-32	-27	-50	23	21
45	10.2	46	9.4	53	9.0	OSWEGO	NY	-8	-4	-12	66	43
44	13.1	39	11.4	31	7.9	OTSEGO	NY	-13	-31	-40	34	31
18	12.3	30	14.4	33	9.8	PUTNAM	NY	17	-32	-20	58	53
1043	12.3	1130	9.7	1213	9.1	QUEENS	NY	-21	-6	-26	52	45
99	11.9	90	9.6	123	12.1	RENSSELAER	NY	-19	25	1	75	74
130	14.6	118	9.2	176	10.4	RICHMOND	NY	-37	13	-29	48	60
48	8.9	64	10.3	102	9.0	ROCKLAND	NY	17	-12	2	76	44
57	10.7	56	9.5	58	8.5	ST LAWRENCE	NY	-11	-10	-20	58	38
57	12.9	64	11.9	60	8.5	SARATOGA	NY	-8	-29	-34	42	38
111	13.4	116	11.7	103	8.6	SCHENECTADY	NY	-13	-27	-36	39	39
20	13.9	13	8.6	21	9.9	SCHOHARIE	NY	-36	15	-29	49	54
17	20.9	9	9.0	7	6.5	SCHUYLER	NY	-57	-27	-69	07	20
15	6.6	19	8.2	11	4.8	SENECA	NY	24	-41	-27	51	10
47	8.9	44	7.4	50	7.7	STEUBEN	NY	-17	3	-14	64	29
206	9.0	350	9.2	537	9.4	SUFFOLK	NY	1	2	4	77	48
35	14.3	49*	15.6	49	12.2	SULLIVAN	NY	9	-22	-15	63	75
24	12.9	21	10.3	29	11.6	TIOGA	NY	-20	13	-10	68	71
28	9.5	32	9.4	42	11.1	TOMPKINS	NY	-1	19	18	82	67
81	12.8	73	9.2	114	11.4	ULSTER	NY	-28	24	-11	67	70
38	14.8	29	9.3	26	6.9	WARREN	NY	-37	-26	-53	19	22
42	14.8	38	12.9	28	7.5	WASHINGTON	NY	-13	-42	-50	24	27
31	8.4	32	7.6	31	6.6	WAYNE	NY	-10	-12	-21	58	21
445	12.3	486	10.2	506	8.8	WESTCHESTER	NY	-17	-14	-29	49	41
25	13.2	19	8.9	15	5.9	WYOMING	NY	-32	-34	-55	17	15
13	10.4	5	3.0	7	5.0	YATES	NY	-71	66	-52	21	11
1176	9.7	2063*	12.1	2762*	11.5	NORTH CAROLINA	NC	25	-5	19		
32	13.4	36	10.1	49	10.0	ALAMANCE	NC	-24	-1	-25	53	56
7	13.3	11	14.2	9	8.1	ALEXANDER	NC	6	-43	-40	35	33
5	11.6	9	18.4	6	7.6	ALLEGHANY	NC	58	-59	-34	41	28
8	12.1	17*	20.3	12	12.3	ANSON	NC	68	-39	1	75	76
14	14.8	9	8.4	15	11.2	ASHE	NC	-43	33	-25	54	67
3	5.4	8	13.3	6	7.7	AVERY	NC	145	-42	42	89	29
9	8.0	32*	23.7	23	13.6	BEAUFORT	NC	195	-43	70	93	83
5	9.1	7	11.4	10	13.9	BERTIE	NC	24	23	53	91	85
2	3.6	10	13.2	11	10.7	BLADEN	NC	263	-19	196	98	63
6	15.4	10	18.7	17	14.9	BRUNSWICK	NC	21	-20	-3	73	89
56	10.4	72	9.6	95	9.4	BUNCOMBE	NC	-7	-2	-9	69	48
13	7.3	23	9.5	30	8.7	BURKE	NC	31	-9	20	83	40
21	8.8	26	8.5	53	12.2	CABARRUS	NC	-4	43	38	88	75
12	7.9	18	9.4	25	9.0	CALDWELL	NC	18	-4	14	81	44
		1	5.1	5	17.7	CAMDEN	NC		250			94
7	7.5	22*	16.4	39*	20.6	CARTERET	NC	118	26	174	98	96
4	9.9	3	5.7	5	8.1	CASWELL	NC	-42	40	-18	60	33
23	10.8	32	9.4	65*	14.0	CATAWBA	NC	-14	50	29	86	85
2	2.4	13	12.4	23*	16.1	CHATHAM	NC	418	29	569	99	92
11	14.9	12	13.5	9	8.2	CHEROKEE	NC	-9	-39	-45	28	35
4	12.3	4	11.3	5	10.2	CHOWAN	NC	-8	-10	-17	61	58
1	6.2	3	8.9			CLAY	NC	43				
22	10.5	34	12.2	28	7.6	CLEVELAND	NC	16	-38	-28	49	28
10	7.8	16	11.0	21	10.9	COLUMBUS	NC	40	-1	38	88	64
7	6.4	18	11.9	23	11.7	CRAVEN	NC	85	-2	82	94	72
9	3.7	36	12.2	47	10.1	CUMBERLAND	NC	229	-17	171	97	57
		6	23.5	5	10.5	CURRITUCK	NC		-55			61
2	6.8	7	18.2	13*	21.3	DARE	NC	170	17	216	98	97
14	6.7	27	7.7	53	10.7	DAVIDSON	NC	15	40	60	92	63
5	6.8	9	10.8	8	6.8	DAVIE	NC	58	-37	-1	74	21
5	5.8	18	14.4	23	15.1	DUPLIN	NC	150	5	162	97	89
32	10.5	54	13.4	74*	12.9	DURHAM	NC	28	-4	23	84	79
7	6.9	15	10.6	25	14.2	EDGECOMBE	NC	53	35	106	96	86
36	7.9	69	10.1	129*	13.0	FORSYTH	NC	27	29	64	93	80
8	10.0	16	17.9	15	11.7	FRANKLIN	NC	79	-34	18	83	72
33	9.4	67	12.6	90	12.1	GASTON	NC	33	-4	28	85	75
3	11.4	1	4.3	4	11.7	GATES	NC	-62	173	3	76	71
2	9.4	1	3.3	5	12.8	GRAHAM	NC	-64	283	37	88	79
7	7.0	9	8.4	14	11.2	GRANVILLE	NC	19	33	59	92	68
1	2.3	7	19.7	7	15.5	GREENE	NC	767	-21	582	99	90
58	9.1	127	13.4	140	10.1	GUILFORD	NC	48	-25	11	80	57
8	7.7	20	12.3	28	14.1	HALIFAX	NC	59	15	82	94	86
13	10.3	20	11.9	23	9.6	HARNETT	NC	15	-19	-7	70	51
14	9.7	16	8.0	24	8.4	HAYWOOD	NC	-17	4	-14	65	36
24	15.3	31	13.1	37	9.2	HENDERSON	NC	-15	-30	-40	34	46
2	5.8	4	6.6	5	6.9	HERTFORD	NC	13	5	18	83	23
2	9.0	2	7.0	5	11.2	HOKE	NC	-22	61	25	85	68
4	18.3	1	6.1	3	10.1	HYDE	NC	-67	65	-45	28	57
14	6.4	43	15.4	44	11.0	IREDELL	NC	143	-29	73	93	66

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
											%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
5	6.9	8	10.0	8	6.4	JACKSON	NC	45	-36	-7	70	19
18	9.4	35	14.8	40	12.8	JOHNSTON	NC	57	-13	36	87	79
3	13.2	2	6.8	5	14.1	JONES	NC	-49	107	6	78	85
2	2.2	9	8.8	16	10.2	LEE	NC	292	16	354	99	58
18	18.5	21	13.4	26	12.7	LENOIR	NC	-27	-5	-31	46	79
14	13.3	26*	19.9	26	14.6	LINCOLN	NC	49	-27	10	80	88
8	9.3	8	6.1	25	13.7	MC DOWELL	NC	-35	125	47	90	84
6	8.8	8	8.9	6	4.1	MACON	NC	1	-54	-53	19	07
10	13.9	16	17.3	7	6.2	MADISON	NC	24	-64	-55	17	18
5	7.7	7	9.7	9	10.0	MARTIN	NC	26	3	30	86	56
61	8.9	131	12.8	140	9.6	MECKLENBURG	NC	45	-25	8	79	51
4	6.9	6	8.7	8	7.6	MITCHELL	NC	26	-13	10	80	28
7	13.4	12	15.3	13	11.7	MONTGOMERY	NC	14	-23	-12	66	72
12	10.0	11	7.1	25	9.0	MOORE	NC	-29	26	-10	68	43
22	16.5	25	13.1	41*	15.3	NASH	NC	-20	17	-7	70	90
26	13.4	49*	17.3	62*	14.9	NEW HANOVER	NC	29	-14	12	80	69
4	7.0	6	8.6	11	12.9	NORTHAMPTON	NC	23	50	83	94	80
8	10.7	21*	15.0	25	13.5	ONSLOW	NC	40	-10	26	85	83
10	9.9	9	6.2	25	11.3	ORANGE	NC	-37	82	15	81	68
		7	18.8	3	5.6	PAMLICO	NC		-70			14
10	14.3	11	11.5	14	11.4	PASQUOTANK	NC	-20	-1	-20	58	70
3	7.0	6	10.5	10	13.1	PENDER	NC	51	24	88	94	81
1	3.7	2	5.5			PERQUIMANS	NC	48				
6	9.1	19*	25.6	18	15.1	PERSON	NC	183	-41	67	93	89
14	9.9	25	12.9	49*	19.1	PITT	NC	30	49	93	95	96
4	6.9	11	15.1	10	9.3	POLK	NC	120	-38	35	87	47
12	6.4	44	15.9	44	10.9	RANDOLPH	NC	150	-32	71	93	65
4	4.1	27*	18.6	27	14.1	RICHMOND	NC	357	-24	246	98	85
13	8.4	14	7.7	24	10.2	ROBESON	NC	-9	33	21	84	59
17	7.7	23	8.0	58*	14.5	ROCKINGHAM	NC	3	83	89	95	87
26	10.6	44	11.4	47	8.7	ROWAN	NC	8	-24	-18	60	40
16	9.6	26	10.9	25	7.8	RUTHERFORD	NC	13	-28	-19	59	31
5	3.9	17	11.8	15	7.5	SAMPSON	NC	198	-36	91	95	28
6	11.3	8	11.6	8	9.2	SCOTLAND	NC	3	-21	-19	59	46
7	4.6	13	7.2	26	10.0	STANLY	NC	55	39	116	96	55
9	11.9	13	12.6	19	12.7	STOKES	NC	6	2	7	78	79
22	13.3	30	12.8	56*	17.0	SURRY	NC	-4	33	28	85	93
2	5.8	3	6.3	7	11.7	SWAIN	NC	10	84	103	96	72
7	14.4	10	13.4	16	14.3	TRANSYLVANIA	NC	-7	7	0	74	87
1	7.5	5*	27.1	3	18.3	TYRRELL	NC	262	-33	144	97	95
28*	23.7	34*	17.6	50*	19.1	UNION	NC	-26	9	-19	59	96
9	12.6	16	14.9	16	10.8	VANCE	NC	18	-27	-14	64	64
52	13.1	80	12.6	130*	13.5	WAKE	NC	-3	7	3	76	83
3	8.0	8	16.7	7	10.5	WARREN	NC	108	-37	31	86	61
4	11.6	5	13.8	5	11.7	WASHINGTON	NC	20	-15	1	75	72
5	7.4	9	8.8	10	8.0	WATAUGA	NC	19	-9	8	78	33
17	10.4	25	11.8	38	13.1	WAYNE	NC	13	11	26	85	81
14	8.3	20	9.3	50*	17.3	WILKES	NC	12	86	108	96	94
11	7.9	21	11.8	23	10.2	WILSON	NC	50	-14	29	85	57
11	13.1	15	13.5	17	11.3	YADKIN	NC	3	-16	-13	65	69
9	14.6	10	14.0	14	15.4	YANCEY	NC	-5	10	5	78	90
230	9.2	276	8.8	276	7.0	NORTH DAKOTA	ND	-3	-20	-23		
2	17.1	2	10.1	3	7.8	ADAMS	ND	-41	-23	-54	18	30
9	10.9	8	7.7	7	6.0	BARNES	ND	-29	-21	-44	29	16
1	2.3	4	8.6	4	7.9	BENSON	ND	268	-8	239	98	32
		2*	80.8			BILLINGS	ND					
3	5.9	3	4.8	9	12.5	BOTTINEAU	ND	-19	160	112	96	77
1	6.5			3	9.8	BOWMAN	ND			51	91	54
7	22.0	4	13.0	3	8.3	BURKE	ND	-41	-36	-62	13	36
5	4.1	20	12.2	19	8.0	BURLEIGH	ND	198	-34	96	95	33
25	9.4	26	7.4	26	5.8	CASS	ND	-21	-21	-38	37	15
5	11.1	4	9.2	9	14.1	CAVALIER	ND	-18	53	26	85	85
5	12.5	2	4.2	1	1.8	DICKEY	ND	-66	-56	-85	01	03
1	4.4			2	7.8	DIVIDE	ND			78	94	30
1	4.3	2	10.0	1	4.2	DUNN	ND	134	-58	-2	74	07
1	3.6	1	3.7	2	4.8	EDDY	ND	3	30	34	87	09
4	16.4	6	17.8	2	4.7	EMMONS	ND	8	-74	-72	06	09
		3	11.3			FOSTER	ND					
7*	45.7	2	12.5	1	4.1	GOLDEN VALLEY	ND	-73	-67	-91	00	07
13	7.3	20	8.8	29	10.4	GRAND FORKS	ND	21	19	44	89	61
		4	17.0	2	6.1	GRANT	ND		-64			16
3	12.4	4	14.7	3	7.8	GRIGGS	ND	19	-47	-37	38	30
4	20.3	1	3.6	1	3.6	HETTINGER	ND	-82	1	-82	02	06
1	4.8	3	14.1	2	7.6	KIDDER	ND	194	-46	59	92	28
4	12.8	1	3.3	5	10.0	LA MOURE	ND	-74	201	-22	56	55
2	10.5	5	23.9	1	24.8	LOGAN	ND	127	4	136	97	98
1	1.9	3	5.7	5	8.5	MC HENRY	ND	208	48	355	99	37
5	19.0	3	8.4	3	6.5	MC INTOSH	ND	-56	-22	-66	10	20
6	23.3	1	4.4	7*	18.4	MC KENZIE	ND	-81	318	-21	58	95
2	2.9	9	14.1	4	5.1	MC LEAN	ND	383	-64	76	94	11
5	17.1	2	6.3	4	9.1	MERCER	ND	-63	45	-47	26	45
8	10.2	10	11.0	11	9.1	MORTON	ND	7	-17	-11	67	44
8	22.4	5	11.3	3	5.0	MOUNTRAIL	ND	-50	-56	-78	03	10
4	9.6	9	17.6	8	14.1	NELSON	ND	83	-20	47	90	86
		2	41.6			OLIVER	ND					
6	10.0	4	5.2	8	9.6	PEMBINA	ND	-48	83	-4	72	50
5	15.7	3	9.0	2	3.3	PIERCE	ND	-43	-63	-79	03	05
3	4.7	6	7.4	1	.7	RAMSEY	ND	57	-90	-85	01	02
1	3.0	10	16.5	11*	14.9	RANSOM	ND	452	-10	399	99	89
3	11.7	4	21.0	1	5.4	RENVILLE	ND	80	-74	-54	19	12
9	9.9	10	9.2	6	4.4	RICHLAND	ND	-7	-52	-56	17	08
2	8.1	1	4.0			ROLETTE	ND	-51				
4	13.2	3	7.9	5	11.3	SARGENT	ND	-40	43	-14	64	69
4	23.7	1	7.5	3	15.8	SHERIDAN	ND	-68	111	-33	43	92
		1	22.9	1	22.5	SIOUX	ND		-2			98
1	13.3	1	16.4	2*	264.1	SLOPE	ND	23	1515	1893	99	99
4	6.9	6	7.1	6	5.4	STARK	ND	4	-25	-22	57	12
3	19.7	1	4.7	2	7.7	STEELE	ND	-76	62	-61	13	29

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WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
8	7.2	11	8.1	8	5.1	STUTSMAN	ND	12	-37	-29	48	11
3	12.1	3	10.7	2	4.4	TOWNER	ND	-11	-59	-64	11	08
6	12.5	10	12.7	5	4.5	TRAILL	ND	2	-65	-64	11	08
7	9.1	12	12.7	7	5.4	WALSH	ND	39	-57	-41	33	13
9	5.7	11	5.1	17	6.6	WARD	ND	-11	29	16	82	21
3	6.7	3	6.4	3	5.9	WELLS	ND	-5	-7	-12	66	15
6	8.2	4	3.8	6	4.7	WILLIAMS	ND	-53	23	-42	31	09
5832*	14.3	5211	10.5	5271	9.0	OHIO	OH	-27	-14	-37		
16	13.7	15	11.6	7	4.8	ADAMS	OH	-15	-58	-65	11	10
68	14.8	58	10.4	59	9.1	ALLEN	OH	-30	-13	-39	36	44
34	17.1	23	9.3	21	7.6	ASHLAND	OH	-46	-17	-55	17	29
74	16.7	54	10.3	60	9.6	ASHTABULA	OH	-38	-6	-42	31	52
45	17.3	41	15.4	23	8.0	ATHENS	OH	-11	-48	-54	19	33
22	12.0	14	6.5	18	7.1	AUGLAIZE	OH	-45	9	-40	33	24
91*	18.6	53	9.4	57	9.4	BELMONT	OH	-49	0	-49	24	49
17	11.3	10	6.7	13	8.3	BROWN	OH	-41	24	-27	51	35
78	11.0	94	10.5	102	8.7	BUTLER	OH	-5	-17	-21	58	40
9	9.2	15	12.3	11	7.8	CARROLL	OH	34	-37	-15	63	30
15	10.5	13	8.0	17	9.6	CHAMPAIGN	OH	-24	20	-9	69	51
94	16.2	63	8.6	63	7.3	CLARK	OH	-47	-15	-55	18	26
27	11.9	28	8.3	54	11.8	CLERMONT	OH	-30	41	-1	74	72
32*	19.5	11	6.2	24	11.5	CLINTON	OH	-68	84	-41	33	70
77	14.1	61	9.4	73	10.5	COLUMBIANA	OH	-33	12	-25	53	61
41*	22.5	15	7.3	14	5.5	COSHOCTON	OH	-68	-24	-75	04	13
31	12.9	28	10.0	19	6.1	CRAWFORD	OH	-23	-39	-53	20	17
869	13.1	903	11.1	847	9.2	CUYAHOGA	OH	-15	-17	-30	47	46
36	13.6	34	11.4	26	7.6	DARKE	OH	-16	-34	-44	29	28
27	18.6	19	9.8	21	9.6	DEFIANCE	OH	-47	-2	-48	25	51
32	18.3	12	6.1	19	7.9	DELAWARE	OH	-67	30	-57	16	32
51	17.8	33	9.3	41	9.9	ERIE	OH	-48	7	-44	29	54
36	11.9	30	8.4	50	10.2	FAIRFIELD	OH	-30	22	-14	64	59
23	15.6	16	10.7	11	5.2	FAYETTE	OH	-32	-51	-67	09	12
327	13.1	304	9.6	380	9.8	FRANKLIN	OH	-27	2	-25	53	54
9	6.0	12	7.2	12	5.8	FULTON	OH	21	-20	-3	72	14
28*	22.0	15	10.5	22	13.9	GALLIA	OH	-52	32	-37	38	85
18	13.7	15	8.6	27	9.9	GEAUGA	OH	-37	15	-28	50	54
37	15.1	42	12.2	43	9.4	GREENE	OH	-19	-23	-38	37	48
53*	19.3	33	11.7	26	9.1	GUERNSEY	OH	-40	-22	-53	20	45
527	13.5	414	9.0	469	9.2	HAMILTON	OH	-33	2	-32	45	46
42	14.7	45	13.4	41	10.7	HANCOCK	OH	-9	-21	-28	50	63
32	18.8	22	11.8	21	10.6	HARDIN	OH	-38	-10	-44	30	62
15	13.4	9	8.9	13	10.7	HARRISON	OH	-33	20	-20	59	63
26*	20.2	18	12.0	14	8.4	HENRY	OH	-41	-30	-59	15	36
15	8.0	20	9.3	15	6.9	HIGHLAND	OH	17	-26	-13	65	23
19	17.5	15	12.5	15	11.8	HOCKING	OH	-28	-6	-33	44	72
12	13.0	12	12.2	9	7.9	HOLMES	OH	-6	-36	-39	35	31
33	13.9	27	10.1	22	7.5	HURON	OH	-27	-26	-46	27	27
31*	20.2	31*	17.3	19	9.6	JACKSON	OH	-15	-45	-53	20	51
62	14.8	62	12.7	41	7.3	JEFFERSON	OH	-14	-42	-51	23	26
38	16.9	15	6.3	19	6.7	KNOX	OH	-63	7	-61	14	21
64	16.1	70	11.8	74	8.3	LAKE	OH	-27	-30	-48	25	35
32	14.3	29	10.6	36	10.9	LAWRENCE	OH	-26	3	-24	55	65
81*	18.6	68	13.1	66	10.5	LICKING	OH	-30	-19	-43	30	61
26	12.8	37*	16.4	38	14.7	LOGAN	OH	29	-10	15	82	88
90	12.3	111	12.0	112	9.4	LORAIN	OH	-2	-22	-24	55	48
285	13.9	251	10.0	228	8.1	LUCAS	OH	-28	-19	-42	32	34
17	14.8	13	10.5	15	9.5	MADISON	OH	-29	-10	-36	39	49
155	12.7	140	9.5	142	8.2	MAHONING	OH	-26	-13	-36	40	35
35	11.8	28	8.3	41	10.7	MARION	OH	-30	29	-9	69	63
25	10.4	32	10.3	36	8.3	MEDINA	OH	-2	-19	-21	58	35
21	15.4	8	6.1	18	11.0	MEIGS	OH	-60	79	-29	48	65
19	12.7	17	9.5	21	9.4	MERCER	OH	-25	-1	-26	51	48
48	13.9	44	10.8	40	8.3	MIAMI	OH	-22	-24	-40	33	36
23*	22.4	19*	19.0	8	6.6	MONROE	OH	-15	-65	-70	07	20
256	14.2	268	11.3	243	8.6	MONTGOMERY	OH	-20	-24	-40	34	38
12	13.8	13	13.9	10	10.4	MORGAN	OH	1	-25	-25	53	60
15	14.6	13	11.5	15	12.0	MORROW	OH	-21	4	-18	60	73
57	13.7	49	10.4	44	8.5	MUSKINGUM	OH	-24	-18	-38	37	38
16	22.0	12	16.9	5	5.9	NOBLE	OH	-23	-65	-73	05	16
27	17.1	21	10.7	27	11.5	OTTAWA	OH	-38	8	-33	43	70
18*	22.1	15	15.2	10	10.5	PAULDING	OH	-31	-31	-52	21	61
26	16.3	26	14.5	13	6.7	PERRY	OH	-11	-53	-59	15	21
26	17.0	18	10.3	23	11.4	PICKAWAY	OH	-39	11	-33	44	70
13	19.6	10	11.6	12	9.5	PIKE	OH	-41	-18	-52	22	50
39	13.1	45	11.7	38	7.4	PORTAGE	OH	-11	-37	-44	30	26
24	15.7	24	13.5	23	11.0	PREBLE	OH	-14	-19	-30	47	66
20	14.4	16	9.8	15	7.8	PUTNAM	OH	-32	-20	-46	26	31
64	14.1	61	11.0	70	10.3	RICHLAND	OH	-22	-6	-27	51	60
40	15.4	46	15.7	31	8.8	ROSS	OH	2	-44	-43	31	41
35	13.0	43	13.3	28	7.4	SANDUSKY	OH	3	-45	-43	31	26
69	17.1	57	12.3	62	11.4	SCIOTO	OH	-28	-7	-33	43	69
52	16.8	30	8.7	27	6.5	SENECA	OH	-48	-26	-62	13	19
16	9.9	15	8.1	15	7.1	SHELBY	OH	-18	-13	-29	48	24
220	15.3	200	11.0	228	10.4	STARK	OH	-28	-5	-32	44	60
254	13.4	259	10.7	258	8.6	SUMMIT	OH	-20	-19	-36	40	39
95	13.5	88	9.5	110	9.0	TRUMBULL	OH	-29	-6	-34	42	43
77*	19.6	49	10.7	50	9.5	TUSCARAWAS	OH	-45	-11	-51	22	50
18	14.5	6	4.3	14	8.4	UNION	OH	-70	97	-42	32	37
26	14.5	19	9.8	16	8.2	VAN WERT	OH	-33	-16	-44	30	35
9	16.7	16*	29.1	5	8.7	VINTON	OH	74	-70	-48	25	40
30	14.8	23	8.4	22	6.1	WARREN	OH	-43	-27	-59	15	17
41	13.9	31	9.0	22	6.4	WASHINGTON	OH	-35	-29	-54	19	19
59*	18.4	44	10.6	42	8.4	WAYNE	OH	-43	-21	-54	18	37
24	14.0	20	10.0	9	3.8	WILLIAMS	OH	-29	-62	-73	05	06
46	14.5	36	9.3	38	7.9	WOOD	OH	-36	-15	-46	28	32
18	14.0	17	11.3	13	7.6	WYANDOT	OH	-19	-33	-46	27	28

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9,164,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1711*	16.5	1765*	13.4	1770	10.7	OKLAHOMA OK	-19	-20	-35		
12	20.5	12	16.5	6	6.1	ADAIR OK	-19	-63	-70	07	17
14	21.7	11	14.4	7	7.1	ALFALFA OK	-34	-51	-67	08	24
20*	36.6	9	14.1	11	15.6	ATOKA OK	-62	11	-57	16	91
7	18.6	4	11.8	6	12.0	BEAVER OK	-36	2	-35	40	74
17	13.9	18	12.0	18	12.4	BECKHAM OK	-13	3	-11	67	76
8	14.2	8	8.5	13	9.7	BLAINE OK	-40	14	-32	45	52
13	9.9	26	13.6	8	3.6	BRYAN OK	37	-73	-63	12	06
35*	23.2	17	9.7	24	10.1	CADDO OK	-58	4	-57	16	57
14	11.0	14	9.0	21	9.7	CANADIAN OK	-18	7	-12	66	52
42*	23.3	33	14.6	35	13.3	CARTER OK	-37	-9	-43	31	82
15	23.0	19*	20.2	13	9.7	CHEROKEE OK	-12	-52	-58	15	52
10	11.5	11	10.2	18*	16.1	CHOCTAW OK	-11	57	40	89	92
2	10.3			2	8.3	CIMARRON OK			-19	59	35
19	10.6	24	9.5	38	10.6	CLEVELAND OK	-10	12	0	75	62
10*	28.0	11*	24.7	6	13.5	COAL OK	-12	-45	-52	21	83
31	15.7	41	16.7	43	12.9	COMANCHE OK	6	-23	-18	61	80
12*	23.6	4	5.6	7	10.7	COTTON OK	-76	91	-54	18	63
20	17.6	17	15.0	10	10.1	CRAIG OK	-15	-33	-43	31	57
52*	24.7	41*	16.1	45	15.2	CREEK OK	-35	-5	-38	36	90
17	16.6	17	13.6	20	12.9	CUSTER OK	-18	-5	-22	57	80
11	16.3	15	14.4	21	15.0	DELAWARE OK	-12	4	-8	70	89
11*	23.8	8	16.8	8	15.2	DEWEY OK	-29	-10	-36	39	90
1	2.2	2	3.7	4	11.9	ELLIS OK	68	219	435	99	73
38	13.5	48	13.7	52	12.6	GARFIELD OK	2	-8	-7	70	77
24	18.4	23	12.8	22	12.2	GARVIN OK	-30	-4	-33	43	75
26	15.0	25	11.7	16	6.2	GRADY OK	-22	-47	-59	15	17
16*	24.6	7	12.8	6	7.3	GRANT OK	-48	-43	-70	07	26
14	19.5	18*	24.0	3	2.6	GREER OK	23	-89	-87	00	04
3	7.4	6	10.0	7	13.4	HARMON OK	34	35	81	94	83
10*	34.2	2	5.1	6	14.3	HARPER OK	-85	178	-58	15	87
17*	29.8	20*	31.1	14*	19.8	HASKELL OK	4	-36	-34	42	96
16	14.8	11	8.9	14	9.3	HUGHES OK	-40	4	-38	37	47
13	12.3	14	10.3	15	9.0	JACKSON OK	-17	-12	-27	51	44
10	15.9	13	19.6	4	7.3	JEFFERSON OK	23	-63	-54	18	25
15*	27.9	10	16.1	2	2.5	JOHNSTON OK	-42	-85	-91	00	04
35	13.0	37	11.9	43	11.1	KAY OK	-8	-6	-14	64	67
10	16.1	4	5.9	3	3.5	KINGFISHER OK	-64	-40	-78	03	05
19	18.8	12	9.2	13	10.3	KIOWA OK	-51	12	-45	28	59
11*	24.5	10*	18.4	7	10.4	LATIMER OK	-25	-44	-58	16	60
31	18.7	20	9.7	30	11.8	LE FLORE OK	-48	21	-37	38	72
28*	23.6	31*	21.9	13	8.0	LINCOLN OK	-7	-63	-66	10	33
28*	22.9	18	13.4	14	6.6	LOGAN OK	-41	-51	-71	06	20
7	21.4	9*	20.5	5	10.2	LOVE OK	-4	-50	-52	20	58
9	14.5	8	9.4	10	8.5	MC CLAIN OK	-35	-9	-41	32	38
20	18.8	13	9.4	27*	16.1	MC CURTAIN OK	-50	72	-14	64	92
15*	26.5	20*	28.6	9	8.0	MC INTOSH OK	8	-72	-70	07	33
7	13.5	6	9.9	4	9.3	MAJOR OK	-26	-6	-31	46	47
9	22.4	7	12.2	11	14.2	MARSHALL OK	-45	16	-36	39	86
20*	20.9	22*	16.9	17	9.5	MAYES OK	-19	-44	-54	18	50
17*	26.0	9	9.5	18*	17.9	MURRAY OK	-63	88	-31	45	95
34	13.3	48	14.2	37	9.5	MUSKOGEE OK	7	-33	-29	48	49
10	16.1	9	12.8	8	9.8	NOBLE OK	-21	-23	-39	36	54
10	16.1	13	17.6	8	10.0	NOWATA OK	9	-43	-38	37	56
16*	27.4	7	12.4	7	9.1	OKFUSKEE OK	-55	-27	-67	09	44
214	14.5	326*	15.1	302	10.9	OKLAHOMA OK	5	-28	-25	53	65
51*	26.5	40*	18.0	19	7.3	OKMULGEE OK	-32	-60	-73	05	25
18	12.9	18	10.4	22	10.7	OSAGE OK	-20	2	-18	61	63
38*	24.7	33*	17.6	35*	16.3	OTTAWA OK	-29	-7	-34	42	92
16	21.7	14	16.0	11	11.0	PAWNEE OK	-26	-31	-49	24	66
31	16.9	27	10.7	29	10.1	PAYNE OK	-37	-6	-40	33	57
41*	21.6	32	14.3	38	12.2	PITTSBURG OK	-33	-15	-44	30	75
22	14.6	20	10.2	26	9.1	PONTOTOC OK	-30	-11	-37	38	45
27	11.1	29	9.6	39	10.8	POTTAWATOMIE OK	-14	13	-3	73	64
8	15.1	7	11.4	17*	22.7	PUSHMATAHA OK	-25	100	50	91	98
8*	26.4	2	8.8	4	8.6	ROGER MILLS OK	-66	-2	-67	08	39
11	11.5	11	8.3	12	6.5	ROGERS OK	-27	-21	-43	31	20
26	17.7	21	12.5	16	9.2	SEMINOLE OK	-29	-26	-48	25	46
9	11.3	15	13.9	14	9.6	SEQUOYAH OK	23	-31	-15	63	51
20	12.3	26	11.4	39	14.2	STEPHENS OK	-8	25	15	82	86
5	8.6	10	14.2	8	8.6	TEXAS OK	66	-40	0	75	39
16	18.1	9	8.6	9	9.9	TILLMAN OK	-53	15	-45	28	54
169	15.0	222*	13.8	235	10.6	TULSA OK	-8	-23	-29	48	62
9	14.1	17*	19.8	13	10.1	WAGONER OK	40	-49	-28	49	57
16	9.2	14	6.4	24	7.8	WASHINGTON OK	-31	22	-16	62	30
15	17.6	10	10.2	10	8.7	WASHITA OK	-42	-14	-50	23	40
6	7.4	13	12.8	9	9.3	WOODS OK	74	-28	26	85	47
4	5.1	7	6.7	10	8.8	WOODWARD OK	33	31	74	93	42
923	11.8	933	8.8	1222	8.5	OREGON OR	-26	-3	-28		
7	8.7	9	8.6	8	6.6	BAKER OR	-1	-23	-23	55	21
18	13.5	9	4.6	21	8.5	BENTON OR	-66	86	-37	38	38
43	8.9	77	11.0	79	7.3	CLACKAMAS OR	25	-34	-17	61	86
25	17.1	15	8.2	32*	15.3	CLATSOP OR	-52	88	-10	68	90
13	14.0	15	11.5	16	9.1	COLUMBIA OR	-18	-21	-35	40	44
18	10.3	17	6.7	25	7.1	COOS OR	-35	6	-31	46	24
3	10.2	3	6.3	2	3.6	CROOK OR	-38	-44	-65	10	05
3	8.5	9	16.4	14	13.7	CURRY OR	92	-17	60	92	84
16	16.9	9	6.1	12	5.0	DESCHUTES OR	-64	-17	-70	07	11
23	11.0	21	7.0	33	7.6	DOUGLAS OR	-36	8	-31	46	28
		1	7.4			GILLIAM OR					
6	19.4	2	5.8	3	7.3	GRANT OR	-70	27	-62	13	26
1	5.0	2	7.5	3	8.9	HARNEY OR	51	18	78	94	42
6	9.9	9	12.3	10	10.7	HOOD RIVER OR	24	-13	7	78	62
29	9.2	48	10.0	59	8.8	JACKSON OR	9	-12	-4	72	42
		2	11.8	1	2.1	JEFFERSON OR		-63			03
19	14.5	20	9.5	22	6.5	JOSEPHINE OR	-34	-31	-55	18	20

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
11	10.5	15	7.9	27	10.1	KLAMATH	OR	-25	29	-3	73	57
9*	43.0	2	10.7	2	5.4	LAKE	OR	-75	-49	-87	00	12
59	10.5	57	7.0	122	9.7	LANE	OR	-33	39	-7	70	52
21	19.1	17	10.6	26	10.3	LINCOLN	OR	-44	-3	-46	27	60
24	10.1	26	7.8	41	9.0	LINN	OR	-23	16	-10	68	44
8	9.9	6	6.8	13	9.7	MALHEUR	OR	-31	42	-2	73	53
65	10.7	77	9.2	106	8.6	MARION	OR	-15	-6	-20	59	39
2	12.9	1	4.7			MORROW	OR	-64				
346	11.9	361	10.1	337	8.4	MULTNOMAH	OR	-15	-17	-29	48	37
16	13.1	12	6.5	22	8.0	POLK	OR	-50	24	-39	36	33
2	17.0			2	16.3	SHERMAN	OR			-4	72	92
10	12.0	9	8.7	18	12.9	TILLAMOOK	OR	-28	49	8	79	80
27	15.0	18	7.1	28	9.1	UMATILLA	OR	-53	29	-39	35	45
5	5.1	10	8.8	11	6.9	UNION	OR	72	-22	35	87	22
7	25.9	3	7.6	6	13.0	WALLOWA	OR	-71	71	-50	23	60
12	13.9	6	5.5	14	10.1	WASCO	OR	-60	84	-27	50	57
41	13.0	32	5.7	75	8.1	WASHINGTON	OR	-56	42	-38	37	33
		1	8.8	1	5.6	WHEELER	OR		-36			14
28	16.0	12	4.9	31	9.9	YAMHILL	OR	-69	102	-38	37	55
8210*	15.6	9080*	14.4	10044*	13.4	PENNSYLVANIA	PA	-8	-7	-14		
30	12.5	46	15.7	55*	14.7	ADAMS	PA	26	-6	18	83	88
1151*	15.8	1384*	15.9	1481*	14.6	ALLEGHENY	PA	0	-8	-8	70	88
67*	17.7	73*	17.0	80*	15.1	ARMSTRONG	PA	-4	-11	-15	63	89
110	14.5	141*	14.5	175*	14.7	BEAVER	PA	0	1	1	75	68
30	15.9	17	7.5	32	11.8	BEDFORD	PA	-53	58	-26	52	72
219	14.7	210	11.7	256*	11.8	BERKS	PA	-20	1	-20	59	72
122	15.1	153*	16.8	135*	13.0	BLAIR	PA	11	-23	-14	65	60
39	12.8	36	10.9	51	13.9	BRADFORD	PA	-15	27	8	79	84
113	13.2	177*	13.5	329*	16.4	BUCKS	PA	2	21	24	84	92
67	13.1	86	13.6	94	11.8	BUTLER	PA	4	-13	-10	68	73
173*	19.0	173*	16.0	152*	11.8	CAMBRIA	PA	-15	-26	-38	37	73
3	9.5	2	6.6	7	13.5	CAMERON	PA	-31	105	42	89	83
53	17.8	66*	19.4	63*	15.6	CARBON	PA	9	-19	-12	66	91
40	14.6	50	15.0	42	9.7	CENTRE	PA	3	-35	-33	42	52
108	13.2	150*	14.0	196*	13.7	CHESTER	PA	6	-2	4	77	84
28	14.9	34*	16.2	36	14.9	CLARION	PA	9	-8	0	75	69
60	14.8	47	10.0	61	11.1	CLEARFIELD	PA	-33	11	-25	53	67
27	15.3	44*	21.5	52*	21.4	CLINTON	PA	40	0	40	88	97
34	11.2	41	12.2	41	10.2	COLUMBIA	PA	8	-16	-9	68	58
64	14.5	62	12.6	75*	12.6	CRAWFORD	PA	-13	0	-13	65	78
57	11.2	102*	14.6	121	12.2	CUMBERLAND	PA	31	-16	10	80	75
174*	16.0	197*	15.3	251*	16.9	DAUPHIN	PA	-4	11	6	78	93
332*	15.6	398*	13.4	502*	13.7	DELAWARE	PA	-14	2	-12	66	84
24	14.7	25	13.1	22	9.8	ELK	PA	-11	-25	-33	43	53
154	13.7	190*	14.1	195*	12.4	ERIE	PA	3	-12	-9	68	76
137*	17.7	145*	15.9	170*	15.8	FAYETTE	PA	-10	0	-10	68	91
6	24.7	6	21.0	4	11.0	FOREST	PA	-15	-48	-56	17	65
62	15.6	67	13.2	63	9.3	FRANKLIN	PA	-15	-30	-40	33	47
6	12.5	7	13.1	9	14.3	FULTON	PA	5	9	14	81	86
31	15.2	31	13.0	38	14.1	GREENE	PA	-14	8	-7	70	85
36	18.6	30	14.4	32	12.5	HUNTINGDON	PA	-22	-13	-32	44	77
56	15.5	54	13.4	55	11.3	INDIANA	PA	-14	-16	-27	50	68
44	16.3	41	13.3	61*	17.7	JEFFERSON	PA	-18	33	8	79	94
10	13.3	14	15.4	10	8.7	JUNIATA	PA	16	-43	-34	41	40
204	14.4	231*	14.1	227*	11.8	LACKAWANNA	PA	-2	-16	-18	61	73
235*	17.1	251*	14.6	257*	12.1	LANCASTER	PA	-15	-17	-29	48	74
81	15.2	79	13.2	64	8.5	LAWRENCE	PA	-13	-35	-44	30	38
69	16.2	81*	15.2	82	12.2	LEBANON	PA	-6	-20	-25	53	75
150	13.5	156	11.1	222*	12.0	LEHIGH	PA	-18	8	-11	67	74
317*	15.7	354*	14.9	349*	12.6	LUZERNE	PA	-5	-15	-19	59	78
80	12.9	101*	14.6	83	10.2	LYCOMING	PA	14	-30	-21	58	58
46	15.9	39	11.6	29	7.5	MC KEAN	PA	-27	-35	-53	20	27
93	16.2	92	13.5	111*	13.6	MERCER	PA	-16	0	-16	62	83
26	13.1	37	15.5	32	10.3	MIFFLIN	PA	19	-34	-22	57	59
35	17.5	39	15.2	48	12.8	MONROE	PA	-13	-15	-27	51	79
299	13.5	391*	12.7	533*	12.9	MONTGOMERY	PA	-6	2	-4	72	80
12	10.8	12	10.1	22	14.9	MONTOUR	PA	-7	48	38	88	89
135	14.3	152	12.6	170	11.6	NORTHAMPTON	PA	-12	-8	-19	59	71
119*	19.5	102*	15.0	126*	15.6	NORTHUMBERLAND	PA	-23	4	-20	58	91
19	15.7	32*	21.1	19	10.5	PERRY	PA	34	-50	-33	43	61
1500*	15.9	1388*	14.0	1437*	14.4	PHILADELPHIA	PA	-11	3	-9	69	87
12	20.7	7	8.9	10	7.5	PIKE	PA	-57	-16	-64	11	27
18	17.4	8	7.5	9	7.2	POTTER	PA	-57	-4	-59	15	25
181*	18.8	244*	22.1	244*	18.7	SCHUYLKILL	PA	18	-16	0	74	95
24*	20.8	18	12.6	20	10.4	SNYDER	PA	-39	-18	-50	23	60
72*	18.5	69*	15.3	66	11.8	SOMERSET	PA	-17	-23	-36	39	72
6	16.6	3	8.0	1	2.2	SULLIVAN	PA	-52	-72	-86	01	03
25	14.7	26	12.5	22	9.4	SUSQUEHANNA	PA	-15	-25	-36	40	49
36	18.5	15	6.4	20	7.2	TIOGA	PA	-65	13	-61	13	25
17	13.6	19	13.2	30*	17.4	UNION	PA	-3	32	28	85	94
51	14.9	39	10.5	46	12.1	VENANGO	PA	-30	15	-19	59	75
31	11.0	31	10.1	24	6.9	WARREN	PA	-8	-32	-37	38	22
146	15.3	169*	15.0	187*	13.4	WASHINGTON	PA	-2	-11	-13	66	82
39*	22.3	23	10.5	40*	15.2	WAYNE	PA	-53	45	-32	44	90
269*	18.3	315*	16.8	294*	12.3	WESTMORELAND	PA	-8	-27	-33	43	76
15	15.2	14	12.2	15	10.0	WYOMING	PA	-20	-18	-34	41	56
181*	16.2	244*	17.5	259*	14.4	YORK	PA	8	-18	-12	67	87
850*	19.3	594	11.0	595	9.1	RHODE ISLAND	RI	-43	-18	-53		
24	14.7	26	12.0	27	9.0	BRISTOL	RI	-19	-25	-39	36	44
78*	18.5	59	9.3	74	8.1	KENT	RI	-50	-12	-56	17	34
42	14.8	36	9.9	34	7.3	NEWPORT	RI	-33	-26	-50	23	26
664*	20.2	438	11.3	428	9.6	PROVIDENCE	RI	-44	-15	-52	20	51
42	17.6	35	10.8	32	7.1	WASHINGTON	RI	-39	-34	-60	14	24
694	13.3	824	11.3	1006	9.5	SOUTH CAROLINA	SC	-16	-16	-29		

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WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
9	13.4	7	8.1	10	9.6	ABBEVILLE	SC	-39	18	-28	49	51
27	18.7	33	13.1	45	11.7	AIKEN	SC	-30	-10	-37	38	72
4	19.0	2	7.4	4	14.2	ALLENDALE	SC	-61	91	-26	53	86
39	14.0	58	14.9	70	12.4	ANDERSON	SC	7	-17	-11	67	77
5	12.8	3	7.0	5	8.8	BAMBERG	SC	-45	24	-32	45	41
4	10.7	6	11.8			BARNWELL	SC	10				
11*	36.7	4	5.7	13	10.2	BEAUFORT	SC	-85	80	-72	05	59
3	9.8	4	6.9	19	13.6	BERKELEY	SC	-30	97	39	83	83
1	4.0	3	10.9	2	5.4	CALHOUN	SC	170	-50	34	87	13
38	10.0	60	11.6	57	7.6	CHARLESTON	SC	16	-35	-24	54	28
18	17.5	23	16.8	17	9.1	CHEROKEE	SC	-4	-46	-48	25	45
3	4.3	7	6.5	7	5.0	CHESTER	SC	51	-23	16	82	11
12	13.8	10	9.0	10	7.7	CHESTERFIELD	SC	-34	-14	-44	30	30
2	4.8	3	5.5	6	8.7	CLARENDON	SC	15	57	80	94	40
9	15.6	7	9.1	11	11.1	COLLETON	SC	-41	21	-29	48	66
13	11.1	14	9.7	20	9.3	DARLINGTON	SC	-13	-4	-16	62	47
3	5.9	8	12.5	7	7.0	DILLON	SC	113	-44	20	83	23
12*	26.6	7	10.1	8	6.0	DORCHESTER	SC	-62	-41	-78	03	16
7	25.3	2	4.2	4	6.8	EDGEFIELD	SC	-83	62	-73	05	22
3	8.0	6	12.4	11	17.3	FAIRFIELD	SC	54	40	116	96	94
24	16.9	20	8.4	30	9.4	FLORENCE	SC	-50	12	-44	29	49
3	4.9	5	6.9	7	6.5	GEORGETOWN	SC	40	-6	32	86	20
77	13.8	120*	14.4	127	10.3	GREENVILLE	SC	4	-28	-26	52	59
12	9.4	11	6.4	26	10.4	GREENWOOD	SC	-32	64	11	60	61
5	17.9	4	9.0	3	6.0	HAMPTON	SC	-50	-34	-67	09	16
7	4.9	19	8.6	36	9.6	HORRY	SC	75	11	95	95	51
3	14.8	5	21.3	4	12.1	JASPER	SC	44	-43	-18	60	75
8	13.2	9	9.2	17	12.8	KERSHAW	SC	-30	38	-3	73	79
7	6.7	21	16.3	17	8.8	LANCASTER	SC	146	-46	33	86	42
24	18.5	19	11.4	20	8.3	LAURENS	SC	-38	-28	-55	17	36
9*	28.4	3	8.6	2	4.2	LEE	SC	-70	-51	-85	01	07
16	10.7	18	7.6	45	10.6	LEXINGTON	SC	-29	40	-1	74	62
1	9.3	4	21.0	1	3.9	MC CORMICK	SC	126	-82	-58	15	06
10	16.1	7	9.1	11	10.9	MARION	SC	-43	19	-33	44	65
11	18.7	8	11.5	6	6.1	MARLBORO	SC	-39	-47	-67	08	17
17	16.5	13	10.2	10	6.6	NEWBERRY	SC	-39	-35	-60	14	20
18	15.2	22	13.4	27	12.5	OCONEE	SC	-12	-7	-18	61	77
17	13.2	20	12.7	24	9.8	ORANGEBURG	SC	-4	-23	-26	52	53
17	13.3	27	13.0	23	7.4	PICKENS	SC	-2	-43	-44	29	27
52	11.9	69	11.3	76	9.5	RICHLAND	SC	-5	-16	-20	58	50
8	15.9	8	14.2	7	9.0	SALUDA	SC	-10	-37	-43	31	44
61	13.2	71	11.1	83	9.3	SPARTANBURG	SC	-16	-16	-30	47	47
21*	24.4	14	10.1	25	12.3	SUMTER	SC	-58	22	-49	24	76
15	17.7	5	4.2	7	5.3	UNION	SC	-76	26	-70	07	12
5	9.7	6	8.8	6	6.8	WILLIAMSBURG	SC	-10	-23	-30	47	22
23	12.8	29	11.0	40	10.6	YORK	SC	-14	-3	-17	61	62
450*	15.2	343	9.2	358	7.8	SOUTH DAKOTA	SD	-39	-15	-49		
10*	39.3	4	14.7	4	17.3	AURORA	SD	-63	18	-56	17	94
12	11.4	13	9.7	18	10.9	BEADLE	SD	-15	13	-4	72	65
2	20.9	2	18.6	1	6.6	BENNETT	SD	-11	-65	-68	08	20
5	9.8	8	12.3	6	13.2	BON HOMME	SD	25	7	34	87	81
13	16.0	6	5.3	9	6.3	BROOKINGS	SD	-67	20	-61	14	18
17	11.1	20	10.0	16	6.6	BROWN	SD	-10	-34	-41	33	20
2	6.9	4	11.5	4	13.1	BRULE	SD	68	13	90	95	80
5	13.6	5	12.9	1	1.2	BUTTE	SD	-5	-91	-91	00	02
				2	11.2	CAMPBELL	SD					68
10	20.9	8	14.0	4	5.7	CHARLES MIX	SD	-33	-59	-73	05	14
7	17.6	1	2.5	4	9.6	CLARK	SD	-86	280	-45	28	51
4	7.9	6	8.4	3	4.8	CLAY	SD	6	-42	-39	36	10
11	11.4	10	8.9	8	5.6	CODINGTON	SD	-22	-37	-51	22	13
2	11.2	3	22.1	2	14.0	CORSON	SD	97	-36	25	85	85
5	21.9	5	20.8	4	10.7	CUSTER	SD	-5	-48	-51	22	63
13	13.2	13	10.5	18	13.8	DAVISON	SD	-21	31	4	77	84
6	10.8	2	3.6	7	10.9	DAY	SD	-67	207	1	75	65
4	12.8	3	6.6	1	1.2	DEUEL	SD	-48	-82	-90	00	02
4*	35.1	3	25.5	1	6.1	DEWEY	SD	-27	-76	-83	01	17
4	16.2	3	8.2	2	3.8	DOUGLAS	SD	-49	-54	-77	03	06
4	16.3	7	20.5	1	4.0	EDMUNDS	SD	26	-80	-75	04	07
6	12.2	8	13.2	3	3.2	FALL RIVER	SD	8	-76	-74	05	05
7*	56.2	1	3.6	5	14.2	FAULK	SD	-90	293	-61	14	86
6	12.4	5	7.2	7	9.9	GRANT	SD	-42	37	-20	58	55
7	19.5	1	1.4	8	13.9	GREGORY	SD	-93	925	-29	48	84
3	21.4	2	13.9	1	6.9	HAAKON	SD	-35	-51	-68	08	22
7	19.0	5	12.9	1	2.6	HAMLIN	SD	-32	-80	-86	01	04
4	13.6	4	13.5			HAND	SD	-1				
6	28.7	4	20.2	3	11.2	HANSON	SD	-30	-45	-61	13	68
7	17.2	4	6.8	6	8.8	HUGHES	SD	-61	30	-49	25	42
11	18.3	5	6.1	17*	17.4	HUTCHINSON	SD	-67	185	-5	71	94
		4	26.6			HYDE	SD					
		3	27.6	3	25.2	JACKSON	SD		-8			98
5	17.6	2	6.7			JERAULD	SD	-62				
2	22.5	1	9.9	1	9.9	JONES	SD	-56	0	-56	17	55
12*	24.0	5	9.1	5	9.4	KINGSBURY	SD	-62	4	-61	14	49
8	12.5	7	8.7	6	7.8	LAKE	SD	-30	-10	-37	38	30
13	16.2	8	8.9	11	7.8	LAWRENCE	SD	-45	-12	-52	21	31
8	10.7	9	10.4	9	7.7	LINCOLN	SD	-3	-26	-29	49	29
2	9.3	2	10.0	2	7.9	LYMAN	SD	8	-21	-15	63	31
9	20.9	8	14.0	5	5.9	MC COOK	SD	-33	-58	-72	06	16
3	9.6	4	12.0	3	7.9	MC PHERSON	SD	24	-34	-18	60	31
4	14.1	2	5.8	4	8.7	MARSHALL	SD	-59	51	-38	36	40
12*	26.6	5	9.6	4	4.6	MEADE	SD	-64	-52	-83	01	08
1	12.6	1	10.6			MELLETTE	SD	-16				
5	19.9	4	11.2	3	37.0	MINER	SD	-44	229	86	94	99
49	13.8	36	7.6	58	8.3	MINNEHAHA	SD	-45	9	-39	35	36
9	20.9	6	11.9	5	6.8	MOODY	SD	-43	-43	-67	09	22
25	17.4	15	6.8	16	5.6	PENNINGTON	SD	-61	-17	-68	08	14
2	9.3	5	15.5	1	3.2	PERKINS	SD	66	-79	-66	10	05
3	14.0	4	16.1	1	4.3	POTTER	SD	15	-73	-69	07	07

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9,184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE	PATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
12	19.9	6	7.8	5	5.2	ROBERTS SD	-61	-34	-74	05	11
4	18.4	3	9.7	3	11.4	SANBORN SD	-47	17	-38	37	70
				3*	96.6	SHANNON SD					99
15*	26.1	5	5.9	4	3.1	SPINK SD	-78	-47	-88	00	04
				1	15.8	STANLEY SD					91
2	34.2	3	22.7	3	20.5	SULLY SD	-34	-10	-40	34	96
5	13.0	1	2.0	2	4.2	TRIPP SD	-85	111	-67	08	07
11	16.7	8	9.0	9	10.0	TURNER SD	-46	11	-40	33	56
7	15.1	3	4.4	5	6.9	UNION SD	-71	57	-54	19	23
4	12.1	7	14.9	7	11.6	WALWORTH SD	23	-22	-4	72	71
13	12.6	11	8.3	12	8.7	YANKTON SD	-35	5	-31	46	40
1	16.4					ZIEBACH SD					
1706	13.8	1588	9.7	1804	8.2	TENNESSEE TN	-30	-15	-40		
24	15.8	12	6.3	34	10.0	ANDERSON TN	-60	60	-36	39	56
14	12.5	8	5.8	10	6.4	BEDFORD TN	-54	10	-49	24	18
10	17.1	8	12.2	7	7.0	BENTON TN	-29	-42	-59	15	24
		2	5.1	1	2.0	BLEDSOE TN		-60			03
17	10.1	35	13.0	26	6.5	BLOUNT TN	29	-50	-36	40	19
20	17.9	19	9.5	27	9.9	BRADLEY TN	-47	4	-45	28	54
17	16.0	12	8.2	25	12.6	CAMPBELL TN	-48	53	-21	57	78
5	12.1	5	10.1	3	6.0	CANNON TN	-16	-41	-50	23	16
15	12.1	14	9.4	6	2.9	CARROLL TN	-22	-70	-76	04	04
17	10.5	9	4.4	23	8.5	CARTER TN	-58	93	-18	60	38
4	10.9	5	9.0	6	6.0	CHEATHAM TN	-17	-33	-44	29	16
3	7.1	3	6.0	2	2.6	CHESTER TN	-16	-56	-63	12	04
15	17.8	10	10.8	11	8.4	CLAIBORNE TN	-39	-22	-52	20	37
4	12.6	5	12.5	3	7.6	CLAY TN	-1	-39	-40	34	28
16	22.7	15	15.1	10	7.3	COCKE TN	-33	-51	-68	08	26
19	21.8	7	5.6	19	9.7	COFFEE TN	-74	73	-56	17	52
3	4.3	9	10.8	9	8.4	CROCKETT TN	154	-23	96	95	36
9	11.7	9	8.5	11	7.4	CUMBERLAND TN	-28	-12	-37	39	27
178	13.4	170	9.6	172	7.6	DAVIDSON TN	-29	-20	-43	31	28
7	17.8	10	18.2	5	6.8	DECATUR TN	2	-63	-62	13	22
6	11.3	3	4.1	6	7.4	DE KALB TN	-64	81	-35	41	26
18	20.7	12	10.4	6	4.1	DICKSON TN	-50	-61	-80	02	07
16	11.7	12	7.0	20	9.9	DYER TN	-40	40	-16	62	54
6	15.3	6	11.9	3	4.9	FAYETTE TN	-22	-59	-68	08	10
6	12.0	5	9.1	6	8.2	FENTRESS TN	-24	-10	-32	45	34
14	13.4	14	11.2	22	12.0	FRANKLIN TN	-16	7	-10	68	74
27	13.2	27	10.3	22	6.7	GIBSON TN	-22	-35	-49	24	21
11	10.7	11	9.2	17	11.6	GILES TN	-14	26	8	79	71
16*	29.3	10	14.9	9	10.5	GRAINGER TN	-49	-29	-64	11	61
21	15.2	22	10.7	17	5.8	GREENE TN	-30	-46	-62	13	14
11	21.2	7	12.5	14*	20.1	GRUNDY TN	-41	61	-5	71	96
15	14.2	11	7.5	19	9.2	HAMBLEN TN	-47	22	-36	40	46
97	12.7	120	11.5	112	8.2	HAMILTON TN	-9	-29	-36	40	34
7	25.3	2	5.4	3	7.6	HANCOCK TN	-79	41	-70	07	28
6	6.7	13	11.7	8	5.8	HARDEMAN TN	73	-51	-14	64	14
22*	30.4	7	7.1	8	6.3	HARDIN TN	-77	-11	-79	02	18
14	11.8	16	10.7	20	9.7	HAWKINS TN	-9	-9	-17	61	52
3	5.7	4	7.3	3	4.1	HAYWOOD TN	27	-44	-29	48	07
6	8.2	7	7.9	10	8.1	HENDERSON TN	-4	1	-2	73	33
12	9.3	10	6.2	14	6.4	HENRY TN	-33	3	-31	46	19
5	10.6	3	4.6	8	8.3	HICKMAN TN	-57	80	-22	57	36
		3	8.7	7	17.1	HOUSTON TN		96			93
12*	21.7	2	3.4	4	4.9	HUMPHREYS TN	-84	43	-78	03	10
10	20.8	7	12.0	3	4.6	JACKSON TN	-43	-61	-78	03	09
11	14.3	4	5.7	12	7.3	JEFFERSON TN	-74	99	-49	24	26
2	4.2	7	11.4	6	7.7	JOHNSON TN	168	-32	81	94	29
109	11.4	102	8.2	152	8.9	KNOX TN	-28	8	-22	56	42
4	9.7	2	5.2	6	12.8	LAKE TN	-47	146	31	86	79
12	15.4	10	10.9	8	7.7	LAUDERDALE TN	-29	-30	-50	23	29
16	12.7	16	10.7	16	7.6	LAWRENCE TN	-16	-29	-40	34	29
2	9.0	6	18.8	6	12.0	LEWIS TN	110	-37	34	87	73
11	11.1	7	5.3	17	10.7	LINCOLN TN	-52	101	-3	72	63
13	15.0	16	13.4	17	10.3	LOUDON TN	-10	-23	-31	46	60
21	16.7	13	8.4	17	7.8	MC MINN TN	-50	-7	-53	19	30
12	13.8	10	9.5	11	8.6	MC NAIRY TN	-31	-10	-37	38	39
19*	31.6	6	7.3	6	5.4	MACON TN	-77	-25	-83	01	13
26	11.8	23	7.7	39	10.8	MADISON TN	-35	40	-8	69	64
12	19.0	9	9.7	7	5.7	MARION TN	-49	-41	-70	07	14
11	12.1	7	6.5	7	5.6	MARSHALL TN	-46	-13	-53	20	14
21	13.8	18	9.6	26	10.3	MAURY TN	-30	7	-25	53	60
3	22.6	3	12.6	2	8.2	MEIGS TN	-44	-35	-64	12	35
8	10.1	10	8.6	14	9.9	MONROE TN	-15	16	-2	74	55
20	16.6	16	9.2	22	8.5	MONTGOMERY TN	-45	-8	-49	24	37
2	11.8	1	4.8	4	19.9	MOORE TN	-60	317	68	93	96
14*	27.4	11	17.2	10	12.9	MORGAN TN	-37	-25	-53	20	80
10	6.9	9	5.4	17	8.2	OBION TN	-22	52	19	83	35
9	12.8	6	6.8	11	9.1	OVERTON TN	-47	54	-28	49	45
3	10.5	6	18.7	6	14.6	PERRY TN	78	-22	39	88	88
2	9.7	2	8.0			PICKETT TN	-17				
6	13.2	7	11.5	4	5.0	POLK TN	-13	-56	-62	13	11
24	19.9	18	11.3	16	6.4	PUTNAM TN	-43	-44	-68	08	19
16*	22.7	10	12.0	8	6.6	RHEA TN	-47	-45	-71	06	21
22	19.7	19	11.4	19	6.9	ROANE TN	-42	-40	-65	10	22
22	18.1	10	7.0	9	4.4	ROBERTSON TN	-61	-37	-75	04	08
15	9.4	26	11.7	23	7.5	RUTHERFORD TN	24	-36	-21	58	27
4	8.3	7	10.6	12	13.2	SCOTT TN	28	25	60	92	81
8*	32.1			3	7.7	SEQUATCHIE TN			-76	04	29
14	17.1	10	8.1	14	6.7	SEVIER TN	-52	-18	-61	14	21
211	14.2	242	11.8	227	8.7	SHELBY TN	-17	-27	-39	35	40
8	12.1	8	10.7	5	5.9	SMITH TN	-11	-45	-51	22	16
7	17.0	5	11.1	3	4.4	STEWART TN	-35	-60	-74	05	08
54	16.8	46	9.0	67	9.0	SULLIVAN TN	-47	0	-47	27	43
19	13.0	26	13.2	29	9.5	SUMNER TN	1	-28	-27	50	49
15	20.2	6	6.5	4	3.8	TIPTON TN	-68	-42	-81	02	06
1	3.9	4	12.8	3	12.9	TROUSDALE TN	226	1	228	98	80

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
10	16.5	10	11.7	14	12.3	UNICOI TN	-29	5	-25	53	76
5	13.5	6	14.8	4	7.5	UNION TN	10	-49	-44	29	28
2	14.4			2	9.0	VAN BUREN TN			-38	37	43
18	17.5	13	9.4	16	8.2	WARREN TN	-46	-13	-53	19	35
30	13.6	23	6.9	32	6.5	WASHINGTON TN	-49	-6	-52	21	20
6	11.2	7	11.8	10	13.1	WAYNE TN	5	11	17	82	81
15	9.6	17	8.9	23	10.7	WEAKLEY TN	-8	20	11	80	62
12	16.0	10	11.0	9	6.9	WHITE TN	-31	-37	-57	16	23
14	14.9	12	8.7	12	5.4	WILLIAMSON TN	-42	-38	-64	11	12
17	12.9	25	14.8	26	11.8	WILSON TN	15	-20	-8	69	73
4172	13.9	3737	8.6	5253	9.0	TEXAS TX	-38	5	-35		
12	9.3	11	6.4	9	4.4	ANDERSON TX	-31	-31	-52	20	08
1	24.4	3	7.5	3	6.4	ANDREWS TX	-69	-14	-74	05	19
20	15.9	13	6.5	27	9.6	ANGELINA TX	-59	47	-40	34	50
4	18.2	4	12.0	5	6.8	ARANSAS TX	-34	-43	-62	12	22
3	11.3	2	5.6	3	4.8	ARCHER TX	-50	-14	-57	16	10
3	28.0					ARMSTRONG TX					
14	20.1	10	10.8	9	7.4	ATASCOSA TX	-46	-32	-63	12	27
15	18.4	6	6.3	11	8.6	AUSTIN TX	-66	36	-53	19	38
1	1.8	4	15.2	4	9.5	BAILEY TX	746	-37	432	99	50
4	15.9	4	10.3	4	7.9	BANDERA TX	-35	-23	-50	23	32
13	15.5	11	11.7	11	8.2	BASTROP TX	-25	-30	-47	26	35
6	18.3	2	5.9	4	6.6	BAYLOR TX	-68	11	-64	11	20
10	13.3	10	10.6	16	13.1	BEE TX	-20	24	-1	74	81
49	18.1	27	6.8	83*	15.2	BELL TX	-62	123	-16	62	90
312	14.9	237	7.8	341	8.6	BEXAR TX	-48	11	-42	32	39
12*	52.5			1	2.4	BLANCO TX			-95	00	03
10	12.7	9	7.8	9	6.0	BOSQUE TX	-39	-23	-53	20	16
24	12.0	19	6.5	56*	13.7	BOWIE TX	-46	109	14	81	84
19	12.7	21	7.9	53	11.1	BRAZORIA TX	-38	41	-12	66	67
21*	19.9	12	7.9	12	4.5	BRAZOS TX	-60	-43	-77	03	08
5	16.7	3	10.3	5	14.0	BREWSTER TX	-38	36	-16	62	85
3	24.7	4	22.8	1	4.4	BRISCOE TX	-8	-81	-82	02	08
6	24.8	4	12.3	2	5.5	BROOKS TX	-50	-55	-78	03	13
8	4.8	20	10.3	14	5.0	BROWN TX	115	-51	5	77	11
6	12.0	6	11.6	7	9.0	BURLESON TX	-3	-22	-25	54	44
11	19.9	5	5.3	11	7.6	BURNET TX	-73	43	-62	13	28
10	11.3	5	4.8	10	9.7	CALDWELL TX	-57	99	-14	64	52
4	15.1	2	3.9	6	9.2	CALHOUN TX	-74	134	-39	35	46
6	9.9	5	5.8	10	10.2	CALLAHAN TX	-42	-7	3	76	58
66	17.5	70	13.0	84	11.1	CAMERON TX	-26	-14	-36	39	67
6	20.3	4	9.3	5	8.1	CAMP TX	-54	-13	-60	14	33
2	7.2	2	6.7	5	11.1	CARSON TX	-7	66	55	91	67
16	18.3	4	2.9	14	8.5	CASS TX	-84	191	-53	19	38
4	28.5	4	13.4	3	7.8	CASTRO TX	-53	-42	-73	05	30
1	2.6	1	2.0	7	11.9	CHAMBERS TX	-20	486	368	99	73
11	7.0	12	6.4	12	4.6	CHEROKEE TX	-9	-27	-34	42	09
12	23.3	5	7.9	6	6.2	CHILDRESS TX	-66	-21	-73	05	18
8	14.5	5	7.8	5	6.5	CLAY TX	-46	-17	-55	17	19
2	9.1	2	9.0			COCHRAN TX	-1				
1	5.1	2	7.3	3	8.0	COKE TX	43	10	57	92	33
20*	20.7	11	11.0	11	9.9	COLEMAN TX	-47	-10	-52	21	54
30	13.7	24	8.4	25	5.7	COLLIN TX	-38	-33	-58	15	14
6	15.6	2	5.0	6	16.3	COLLINGSWORTH TX	-68	229	4	77	92
8	10.4	8	8.3	11	10.5	COLORADO TX	-20	26	1	75	61
11	12.2	8	5.3	21	9.9	COMAL TX	-56	86	-19	59	55
18	16.9	5	3.8	13	8.9	COMANCHE TX	-78	137	-47	26	42
3	14.9	4	13.4	2	6.8	CONCHO TX	-10	-50	-54	18	22
10	8.6	8	5.1	10	5.7	COOKE TX	-41	12	-34	42	14
9	9.2	8	6.4	19	14.2	CORYELL TX	-30	123	55	91	86
		3	13.2	1	7.3	COTTLE TX		-45			25
1	7.7	2	11.3	4	21.6	CRANE TX	47	90	180	98	97
3	26.2	2	12.7	3	14.0	CROCKETT TX	-52	10	-47	27	85
3	8.3	6	12.3	7	12.5	CROSBY TX	47	2	50	91	77
		1	11.6	1	8.4	CULBERSON TX		-28			37
3	10.8	3	8.8	4	12.8	DALLAM TX	-19	46	18	83	79
305	11.6	412	9.7	518	9.0	DALLAS TX	-16	-7	-22	57	44
8	13.5	5	6.1	8	9.0	DAWSON TX	-55	48	-33	43	44
9*	27.8	3	6.3	7	8.1	DEAF SMITH TX	-77	27	-71	06	33
11*	22.9	5	11.2	5	11.6	DELTA TX	-51	3	-49	24	71
34	17.5	15	5.3	43	10.4	DENTON TX	-70	98	-40	33	61
11	9.6	8	5.9	11	5.7	DE WITT TX	-39	-4	-41	33	14
3	9.9	3	8.3	3	8.1	DICKENS TX	-16	-2	-17	61	34
4	13.7	6	17.5	5	11.8	DIMMIT TX	28	-33	-14	64	72
7	24.8	4	12.2	4	10.1	DONLEY TX	-51	-17	-59	15	57
6	11.2	10	16.7	6	9.0	DUVAL TX	49	-47	-20	58	43
25	15.5	20	9.5	13	5.6	EASTLAND TX	-39	-42	-64	11	13
12	9.3	21	9.8	39	11.1	ECTOR TX	5	14	19	83	67
		1	7.9	2	13.5	EDWARDS TX		71			83
24	11.7	24	8.5	29	8.8	ELLIS TX	-27	3	-25	53	41
121*	18.5	115	11.1	172*	13.4	EL PASO TX	-40	21	-27	50	83
18	15.3	11	6.7	16	8.1	ERATH TX	-56	20	-47	26	33
9	8.5	3	2.4	11	9.1	FALLS TX	-72	280	8	78	45
18	10.4	27	13.7	18	8.3	FANNIN TX	32	-39	-19	59	36
18	13.2	17	10.2	14	9.4	FAYETTE TX	-23	-8	-29	49	49
5	11.4	10*	20.7	5	10.7	FISHER TX	82	-48	-6	71	63
12*	24.5	5	8.7	3	4.0	FLOYD TX	-65	-54	-84	01	07
		4	18.8	3	17.3	FOARD TX		-8			94
17	19.7	7	4.5	29	10.6	FORT BEND TX	-77	135	-46	27	62
2	7.0	6	12.2	7	12.4	FRANKLIN TX	76	2	78	94	77
1	1.6	6	6.4	5	4.3	FREESTONE TX	310	-34	172	97	07
10*	25.0	3	5.0	13*	22.6	FRIO TX	-80	355	-10	68	98
2	5.7	3	5.0	8	15.8	GAINES TX	-11	213	180	98	91
51	13.9	57	10.9	71	9.8	GALVESTON TX	-22	-11	-30	47	53
3	12.2	1	3.4	3	10.2	GARZA TX	-72	199	-17	62	58
7	10.1	5	5.5	6	5.2	GILLESPIE TX	-46	-5	-48	25	12
1	4.3	2	7.4	3	6.1	GOLIAD TX	73	-18	43	89	16
15	16.6	10	10.1	11	10.2	GONZALES TX	-39	0	-39	36	58

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
											%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
5	5.3	15	11.6	12	7.0	GRAY	TX	119	-39	32	86	24
40	10.9	28	5.8	60	9.5	GRAYSON	TX	-47	65	-13	65	50
15	9.3	19	6.4	46	10.6	GREGG	TX	-31	67	15	81	62
13*	24.3	6	9.9	6	6.9	GRIMES	TX	-59	-30	-72	06	25
12	11.0	12	7.6	17	7.6	GUADALUPE	TX	-31	0	-31	46	28
10	9.8	12	8.3	11	5.7	HALE	TX	-16	-31	-42	32	14
11*	27.1	5	9.2	5	10.1	HALL	TX	-66	9	-63	12	57
7	10.0	8	8.8	15	14.0	HAMILTON	TX	-12	59	40	88	85
2	12.7			3	9.9	HANSFORD	TX			-22	56	54
5	9.5	4	7.0	4	4.9	HARDEMAN	TX	-27	-30	-49	25	10
7	9.3	9	8.1	13	8.3	HARDIN	TX	-14	2	-12	66	35
381	14.4	375	8.3	519	8.1	HARRIS	TX	-42	-3	-44	30	34
13	10.7	9	5.2	24	10.7	HARRISON	TX	-52	108	0	75	63
3*	30.8			2	10.7	HARTLEY	TX			-65	10	62
12	19.7	6	9.0	2	2.7	HASKELL	TX	-54	-70	-86	01	04
7	9.4	7	6.7	13	9.2	HAYS	TX	-29	37	-3	73	46
2	11.7	3	20.1	1	4.4	HEMPHILL	TX	71	-78	-62	13	08
21	20.0	8	5.1	13	5.8	HENDERSON	TX	-74	13	-71	06	15
72	16.1	65	9.9	84	8.8	HIDALGO	TX	-38	-12	-45	28	41
27	17.5	15	6.3	12	4.7	HILL	TX	-64	-26	-73	05	09
8	19.6	4	5.7	7	6.8	HOCKLEY	TX	-71	19	-65	10	22
3	9.4	5	10.3	13	12.4	HOOD	TX	9	20	32	86	77
28*	23.0	15	10.0	15	8.0	HOPKINS	TX	-56	-20	-65	10	32
13	16.7	11	11.3	7	6.1	HOUSTON	TX	-32	-46	-63	12	17
24*	20.4	16	10.4	15	8.4	HOWARD	TX	-49	-20	-59	15	36
16	7.1	17	5.8	30	9.4	HUNT	TX	-19	63	32	86	48
9	10.5	10	10.2	16	10.3	HUTCHINSON	TX	-3	1	-2	73	59
				1	14.1	IRION	TX					85
2	4.0	5	8.3	10	15.6	JACK	TX	107	89	291	99	91
3	6.5	3	5.9	14*	17.7	JACKSON	TX	-10	202	173	98	94
15	20.8	14	12.7	8	5.4	JASPER	TX	-39	-58	-74	05	12
		2	16.0			JEFF DAVIS	TX					
103*	16.9	69	8.3	112	10.0	JEFFERSON	TX	-51	20	-41	33	55
5	26.7	3	12.3	2	5.8	JIM HOGG	TX	-54	-53	-78	03	15
18*	23.1	18	14.8	21	13.3	JIM WELLS	TX	-36	-11	-43	31	81
24	12.4	22	9.1	23	6.5	JOHNSON	TX	-27	-28	-48	26	20
13	13.2	6	4.4	9	5.6	JONES	TX	-67	28	-57	16	14
11	16.3	6	7.7	9	10.7	KARNES	TX	-53	40	-34	41	63
18	12.7	14	6.7	17	7.9	KAUFMAN	TX	-47	19	-38	37	32
4	11.2	1	3.5	6	8.2	KENDALL	TX	-69	136	-27	51	35
3	30.0	1	8.5	2	20.5	KENT	TX	-72	142	-31	45	96
14	15.5	10	4.8	13	6.1	KERR	TX	-69	27	-61	14	16
6	23.9	3	9.5	1	2.7	KIMBLE	TX	-60	-71	-89	00	04
1*	28.4					KING	TX					
				1	8.6	KINNEY	TX					38
10	16.9	11	11.6	8	7.2	KLEBERG	TX	-31	-38	-58	16	25
2	7.3	3	7.4	6	10.4	KNOX	TX	2	40	43	89	60
30	15.2	13	5.7	31	11.2	LAMAR	TX	-62	96	-26	52	68
13	19.0	11	11.3	11	9.7	LAMB	TX	-41	-14	-49	24	52
6	11.0	3	4.9	5	4.7	LAMPASAS	TX	-55	-5	-57	16	09
9*	35.3	4	18.7	6*	21.4	LA SALLE	TX	-47	14	-39	35	97
20	16.2	8	5.5	10	5.4	LAVACA	TX	-66	-1	-67	09	12
4	9.9	6	11.1	4	7.5	LEE	TX	12	-32	-24	54	27
8	18.4	3	5.6	7	9.8	LEON	TX	-69	74	-46	27	54
23*	24.6	15	11.7	25	13.6	LIBERTY	TX	-53	17	-45	28	83
18	15.0	9	6.5	10	6.0	LIMESTONE	TX	-57	-8	-60	14	16
2	13.0	2	9.5	2	8.1	LIPSCOMB	TX	-27	-14	-37	38	34
4	14.3			2	3.5	LIVE OAK	TX			-76	04	05
8	23.3	3	7.9	9	7.8	LLANO	TX	-66	-2	-67	09	30
51	16.2	53	9.1	86	11.0	LUBBOCK	TX	-44	21	-32	44	66
6	14.9	5	11.4	8	14.4	LYNN	TX	-23	26	-3	72	87
11	17.1	2	2.4	7	8.3	MC CULLOCH	TX	-86	244	-52	22	35
70	13.4	68	8.9	96	10.0	MC LENNAN	TX	-34	12	-26	52	55
2	41.4			1	14.1	MC MULLEN	TX			-66	10	86
5	14.8	5	10.7	4	6.4	MADISON	TX	-27	-41	-57	16	18
2	8.6	1	3.6	6	12.0	MARION	TX	-58	233	39	88	73
3	20.0	2	11.0	1	4.7	MARTIN	TX	-45	-57	-77	03	09
4	14.5	6	15.2	7	22.6	MASON	TX	5	49	56	91	98
10	12.4	10	9.3	9	6.5	MATAGORDA	TX	-25	-30	-47	26	20
9	26.9	5	9.2	8	9.2	MAVERICK	TX	-66	1	-66	10	46
8	11.1	10	9.3	16	11.9	MEDINA	TX	-16	27	7	78	73
2	9.8	2	8.2	3	21.8	MENARD	TX	-16	165	122	96	97
7	8.3	16	8.7	22	8.1	MIDLAND	TX	6	-7	-2	74	34
24*	20.3	12	8.4	17	8.4	MILAM	TX	-59	0	-59	15	37
7	18.2	2	4.3	4	7.0	MILLS	TX	-76	61	-62	13	23
10	17.6	5	8.5	7	8.6	MITCHELL	TX	-52	1	-51	22	38
19	19.3	16	11.0	8	6.1	MONTAGUE	TX	-43	-44	-68	08	17
14	15.2	19	12.4	54*	15.3	MONTGOMERY	TX	-18	23	1	75	90
2	4.9	3	7.9	4	7.0	MOORE	TX	61	-12	42	89	24
2	5.8	2	3.6	8	10.9	MORRIS	TX	-38	200	87	94	65
2	13.9			1	3.9	MOTLEY	TX			-72	05	06
19	16.1	16	10.6	14	6.5	NACOGDOCHES	TX	-34	-41	-61	14	18
19	9.7	25	10.2	14	5.2	NAVARRO	TX	6	-49	-46	27	12
7	23.4	3	6.3	7	12.3	NEWTON	TX	-73	96	-48	26	75
13	14.6	3	2.6	14	8.9	NOLAN	TX	-82	245	-39	35	42
67	13.3	74	9.9	98	9.9	NUECES	TX	-26	-1	-26	52	54
1	5.7	1	3.6	3	6.9	OCHILTREE	TX	-37	91	21	84	23
				1	11.1	OLDHAM	TX					67
25*	21.4	18	8.9	25	8.0	ORANGE	TX	-58	-11	-63	12	32
24*	22.8	14	10.6	9	5.5	PALO PINTO	TX	-53	-48	-76	04	13
5	8.3	8	9.5	14	12.5	PANOLA	TX	15	31	50	91	77
15	12.5	20	11.5	26	10.1	PARKER	TX	-8	-13	-20	59	56
2	13.6	5	15.4	3	6.5	PARMER	TX	13	-58	-52	21	19
5	25.3	2	3.2	4	8.3	PECOS	TX	-88	163	-67	09	36
6	13.6	8	11.2	17	12.2	POLK	TX	-18	9	-10	68	75
42	14.2	28	6.1	50	9.4	POTTER	TX	-57	53	-34	42	48
4	15.4	3	11.1	1	4.8	PRESIDIO	TX	-28	-57	-69	08	09
1	3.9			4	11.3	RAINS	TX			187	98	68
6	12.2	9	7.6	18	6.3	RANDALL	TX	-38	-17	-48	25	18
3*	65.8	1	5.4	4*	43.6	REAGAN	TX	-92	707	-34	42	99

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	23.6	2	21.6	1	5.0	REAL	TX	-8	-77	-79	03	10
10	12.3	2	1.7	6	3.4	RED RIVER	TX	-86	99	-72	05	05
14*	35.5	6	12.0	5	9.0	REEVES	TX	-66	-25	-75	04	43
3	6.7	3	8.2	9	18.9	REFUGIO	TX	23	130	183	98	95
		1	14.1			ROBERTS	TX					
10	14.5	6	6.8	10	12.1	ROBERTSON	TX	-53	76	-17	61	74
6	21.1	4	11.9	7	9.9	ROCKWALL	TX	-44	-17	-53	20	55
5	5.8	12	10.4	10	13.2	RUNNELS	TX	80	27	128	96	81
15	9.9	14	7.8	16	6.1	RUSK	TX	-21	-22	-38	36	17
6	18.3	4	11.1	9	15.7	SABINE	TX	-40	42	-14	64	91
5	18.2	5	12.6	3	4.6	SAN AUGUSTINE	TX	-31	-63	-75	04	09
2	9.9	2	10.6	4	14.4	SAN JACINTO	TX	7	36	46	90	87
20	17.8	17	10.4	19	8.6	SAN PATRICIO	TX	-41	-17	-52	22	39
11	24.5	5	7.1	6	10.7	SAN SABA	TX	-71	51	-56	17	63
2	21.0			4	23.7	SCHLEICHER	TX			13	81	98
8	17.2	6	7.4	11	10.1	SCURRY	TX	-57	36	-41	32	57
6	22.9	3	8.3	4	11.3	SHACKELFORD	TX	-64	36	-51	23	69
13	12.6	5	3.7	12	7.3	SHELBY	TX	-71	98	-42	32	25
1	8.8	3	21.5			SHERMAN	TX	144				
31	12.9	29	7.4	37	6.2	SMITH	TX	-42	-16	-51	22	18
2	10.3	4	15.2	1	2.2	SOMERVELL	TX	48	-85	-78	03	03
5	12.8	9	13.7	10	10.9	STARR	TX	7	-21	-15	63	65
14*	25.4	7	9.8	7	8.5	STEPHENS	TX	-61	-13	-66	09	38
1	17.7	1	17.6			STERLING	TX	0				
5*	37.2	1	5.4	4	28.7	STONEWALL	TX	-85	430	-23	56	99
4	27.5			1	5.1	SUTTON	TX			-81	02	11
4	11.0	4	8.2	2	3.1	SWISHER	TX	-26	-62	-72	06	04
179	11.5	211	8.6	305	8.7	TARRANT	TX	-25	1	-24	54	40
32	10.6	37	8.2	40	6.9	TAYLOR	TX	-23	-16	-35	41	23
1	9.0			1	12.7	TERRELL	TX			42	89	79
5	11.6	3	5.0	4	5.7	TERRY	TX	-57	15	-51	23	14
4	20.4	1	6.5	4	11.5	THROCKMORTON	TX	-68	77	-44	30	70
6	8.5	7	6.2	9	7.2	TITUS	TX	-27	16	-15	63	25
29	11.9	38	10.9	52	11.5	TOM GREEN	TX	-8	5	-3	72	70
82	13.0	75	7.7	118	9.1	TRAVIS	TX	-40	17	-30	47	45
5	12.5	8	19.8	6	8.7	TRINITY	TX	59	-56	-30	47	40
5	12.2	9	12.8	11	11.1	TYLER	TX	4	-13	-9	69	67
11	13.6	10	9.0	22	14.1	UPSHUR	TX	-34	58	4	77	86
		1	3.8	2	11.0	UPTON	TX		194			66
18*	25.0	14	15.8	12	10.6	UVALDE	TX	-37	-33	-57	16	62
4	6.5	9	11.4	16	14.2	VAL VERDE	TX	76	25	120	96	86
12	9.9	14	10.0	24	10.4	VAN ZANDT	TX	1	4	5	77	60
14	12.4	16	9.0	9	3.5	VICTORIA	TX	-27	-61	-72	06	05
6	12.4	10	15.5	12	11.2	WALKER	TX	24	-27	-10	68	68
3	9.8	3	7.7	4	5.7	WALLER	TX	-21	-26	-42	32	14
6	15.9	1	2.4	7	12.3	WARD	TX	-85	417	-22	56	76
8	9.3	10	8.3	11	8.1	WASHINGTON	TX	-11	-2	-12	66	34
55*	25.8	40	14.4	59*	15.5	WEBB	TX	-44	7	-40	34	90
14	12.2	8	5.1	9	4.5	WHARTON	TX	-58	-12	-63	12	08
5	11.1	7	14.6	2	4.8	WHEELER	TX	31	-67	-57	16	09
44	10.9	36	6.5	44	6.2	WICHITA	TX	-41	-4	-43	31	18
8	8.9	10	8.0	12	8.5	WILBARGER	TX	-11	7	-5	71	38
6	13.8	5	8.5	10	13.8	WILLACY	TX	-39	63	0	75	84
19	10.5	16	6.6	28	8.4	WILLIAMSON	TX	-37	27	-20	58	37
10	15.2	9	11.2	9	10.3	WILSON	TX	-26	-8	-32	44	60
		4	10.7	7	17.4	WINKLER	TX		62			94
9	10.2	8	6.1	14	7.7	WISE	TX	-40	26	-25	53	29
20	18.4	11	7.7	14	6.7	WOOD	TX	-58	-13	-63	12	21
3	37.3	3	9.4	6	21.7	YOAKUM	TX	-75	131	-42	32	97
7	8.2	9	7.3	8	5.7	YOUNG	TX	-10	-22	-30	47	14
		5	25.7	4	13.3	ZAPATA	TX		-48			82
5	11.4	6	16.8	7	16.8	ZAVALA	TX	48	0	48	90	93
304	10.8	361	9.6	482	9.2	UTAH	UT	-11	-5	-15		
3	13.7	4	20.8	3	11.2	BEAVER	UT	52	-46	-18	60	67
5	6.3	15	15.3	18	13.6	BOX ELDER	UT	145	-11	117	96	83
18	12.7	23	13.0	18	8.1	CACHE	UT	3	-38	-36	39	34
3	7.3	4	6.8	10	10.4	CARBON	UT	-7	54	44	89	61
		2*	78.8			DAGGETT	UT					
12	11.7	14	9.2	25	9.2	DAVIS	UT	-21	-1	-22	57	46
2	8.5	2	7.7	5	14.1	DUCHESNE	UT	-9	83	66	93	86
3	12.2	4	15.0	5	14.5	EMERY	UT	23	-3	19	83	87
3	25.1	1	6.0			GARFIELD	UT	-76				
1	7.3			2	7.2	GRAND	UT			-2	73	25
3	10.1			4	7.2	IRON	UT			-29	49	25
3	12.9	4	16.6	6	20.9	JUAB	UT	29	25	62	92	97
2	20.6	1	9.0			KANE	UT	-56				
10*	31.1	9*	23.8	9*	17.8	MILLARD	UT	-24	-25	-43	31	94
		1	8.1			MORGAN	UT					
1	14.9	1	10.6	3*	36.9	PIUTE	UT	-29	247	148	97	99
1	16.3			2	25.5	RICH	UT			57	92	98
144	11.4	139	7.9	193	8.2	SALT LAKE	UT	-30	4	-28	50	35
1	1.8	1	4.8	1	7.0	SAN JUAN	UT	168	45	288	99	24
8	11.7	9	11.1	8	8.1	SANPETE	UT	-5	-26	-30	47	34
2	3.3	5	9.3	10	12.4	SEVIER	UT	181	32	273	99	76
1	3.6			3	9.8	SUMMIT	UT			172	97	53
3	8.2	13*	23.3	6	7.2	TOOELE	UT	184	-69	-12	66	25
2	7.0	2	7.4	9	14.4	UINTAH	UT	6	94	106	96	87
38	12.7	56	13.6	66	10.9	UTAH	UT	7	-20	-15	63	64
1	4.8	3	17.8	3	10.7	WASATCH	UT	271	-40	123	96	63
4	9.5	8	11.7	14	14.0	WASHINGTON	UT	24	20	48	90	85
1	29.8	1	14.6	1	9.4	WAYNE	UT	-51	-36	-69	08	48
29	7.8	39	8.3	58	8.8	WEBER	UT	7	6	13	81	41
293	13.3	274	10.9	346*	11.3	VERMONT	VT	-18	4	-15		
14	14.6	8	6.3	10	6.6	ADDISON	VT	-57	5	-55	18	20
21	14.4	19	10.7	23	10.4	BENNINGTON	VT	-26	-3	-28	49	60
23	15.8	15	9.2	18	9.0	CALEDONIA	VT	-42	-2	-43	31	44

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
29	9.1	47	12.0	73*	15.9	CHITTENDEN VT	31	33	74	93	92
5	17.7	2	6.9	7	19.1	ESSEX VT	-61	175	8	79	95
23	14.0	26	13.9	30*	14.4	FRANKLIN VT	0	4	3	77	87
2	11.3	2	16.9	2	8.5	GRAND ISLE VT	50	-50	-25	54	38
11	17.3	12	18.3	9	9.6	LAMOILLE VT	5	-48	-45	28	50
10	9.8	13	10.9	16	11.9	ORANGE VT	11	10	21	84	73
22	19.6	8	6.9	10	7.0	ORLEANS VT	-65	2	-64	11	24
45	14.4	33	9.8	37	9.0	RUTLAND VT	-32	-8	-38	37	43
39	15.5	27	10.0	33	9.7	WASHINGTON VT	-35	-3	-37	38	52
19	9.4	27	12.3	26	10.4	WINDHAM VT	31	-16	10	80	60
30	12.8	35	12.8	47*	13.8	WINDSOR VT	0	8	8	79	84
1792*	15.5	2129*	13.4	2439*	11.2	VIRGINIA VA	-13	-16	-27		
19	12.2	21	11.9	22	10.2	ACCOMACK VA	-3	-14	-17	62	58
40	19.0	48*	16.9	41	10.7	ALBEMARLE#VA	-11	-37	-44	30	63
16	14.1	21	14.5	20	10.9	ALLEGHANY#VA	3	-24	-22	56	65
1	5.1	3	11.8	1	3.5	AMELIA VA	129	-70	-32	45	05
6	8.9	9	9.8	9	7.7	AMHERST VA	10	-22	-14	64	29
5	14.6	6	13.9	2	3.5	APPOMATTOX VA	-5	-75	-76	04	05
72	12.7	93	11.5	111	11.0	ARLINGTON#VA	-9	-4	-13	65	66
50	15.6	57	13.7	52	10.0	AUGUSTA#VA	-12	-27	-36	40	56
5	19.3	9*	30.4	2	5.9	BATH VA	57	-81	-70	07	15
85*	19.2	70	12.1	75	9.0	BEDFORD#VA	-37	-26	-53	19	43
2	8.6	7*	26.5	8*	22.9	BLAND VA	207	-14	165	97	98
6	9.2	16*	19.4	14	13.3	BOTETOURT VA	111	-31	45	90	82
5	11.5	6	12.9	5	8.5	BRUNSWICK VA	13	-35	-26	51	37
20*	32.8	9	8.3	11	9.0	BUCHANAN VA	-75	6	-73	05	43
4	12.2	3	8.4	7	15.1	BUCKINGHAM VA	-31	81	24	85	69
4	10.2	1	2.4	4	8.3	CAROLINE VA	-77	248	-19	60	36
46*	22.9	39	15.6	33	10.2	CARROLL#VA	-32	-35	-55	17	58
		1	25.6	2	32.1	CHARLES CITY VA		25			99
9	24.0	9	19.8	4	7.1	CHARLOTTE VA	-18	-64	-71	07	24
170	14.8	178	12.7	173	10.8	CHESTERFIELD#VA	-14	-15	-27	50	64
4	14.2	5	12.1	5	9.3	CLARKE VA	-15	-23	-35	41	47
6*	34.0	7*	31.9	3	11.6	CRAIG VA	-6	-64	-66	10	71
12	19.6	13	12.7	15	12.6	CULPEPER VA	-35	-1	-36	40	78
4	24.4	4	21.8	5	17.6	CUMBERLAND VA	-11	-19	-28	49	94
9	13.0	7	9.2	11	12.0	DICKENSON VA	-29	30	-7	70	74
28	12.6	24	9.2	49	13.4	DINWIDDIE#VA	-27	45	6	78	82
5	22.5	3	9.0	3	4.9	ESSEX VA	-60	-46	-78	03	10
85	13.3	160	12.7	256*	11.7	FAIRFAX#VA	-5	-7	-12	66	72
9	11.1	14	14.0	16	12.5	FAUQUIER VA	25	-11	12	81	77
12	20.3	11	17.4	10	12.7	FLOYD VA	-14	-27	-37	37	78
6	24.2	2	7.1	4	12.1	FLUVANNA VA	-71	69	-50	23	74
13	14.7	18	15.9	22	13.7	FRANKLIN VA	9	-14	-7	71	84
19	11.2	20	9.6	22	7.4	FREDERICK#VA	-14	-23	-34	42	27
8	13.9	16*	21.1	11	11.2	GILES VA	52	-47	-19	59	68
5	12.8	8	15.3	9	11.3	GLOUCESTER VA	19	-26	-12	66	68
		3	9.8	5	13.4	GOOCHLAND VA		37			83
1	5.1	2	10.7	4	13.7	GREENE VA	112	27	170	97	84
2	7.9	3	7.4	11*	22.5	GREENSVILLE#VA	-7	204	184	98	97
23*	23.8	15	12.1	17	10.9	HALIFAX#VA	-49	-10	-54	19	65
13	16.7	13	11.2	23	12.2	HANOVER VA	-33	8	-27	50	75
34	13.2	63	12.9	88	10.7	HENRICO VA	-2	-17	-19	59	63
17	14.1	26	14.5	26	9.1	HENRY#VA	2	-37	-36	39	44
4	15.0	4	21.1	1	3.2	HIGHLAND VA	41	-85	-78	03	05
8	21.2	4	7.9	8	11.9	ISLE OF WIGHT VA	-63	51	-44	30	73
14	12.5	17	10.1	21	8.7	JAMES CITY#VA	-19	-14	-30	47	41
4	23.1	1	4.9	2	8.4	KING AND QUEEN VA	-79	73	-64	12	37
		4	15.0	2	5.6	KING GEORGE VA		-63			13
4	23.7	8*	33.5	4	11.7	KING WILLIAM VA	41	-65	-51	22	71
1	4.2	4	7.0	12	16.3	LANCASTER VA	68	132	291	99	92
23	19.2	16	12.4	19	11.5	LEE VA	-35	-7	-40	33	70
12	12.1	26*	20.6	22	12.7	LOUDOUN VA	70	-38	5	77	78
9	19.3	10	18.3	8	10.5	LOUISA VA	-5	-43	-46	27	61
7	17.3	6	11.5	7	12.3	LUNENBURG VA	-35	10	-29	48	76
8	23.1	16*	40.7	12*	22.7	MADISON VA	76	-44	-2	73	98
10	22.2	2	4.4	9	10.2	MATHEWS VA	-80	131	-54	19	58
11	15.7	14	14.3	12	10.5	MECKLENBURG VA	-9	-27	-33	43	61
4	14.0	5	13.8	7	15.7	MIDDLESEX VA	-2	14	12	80	91
26	19.3	21	10.3	35	13.7	MONTGOMERY#VA	-46	32	-29	48	84
13*	25.9	10	16.8	5	7.3	NELSON VA	-35	-56	-72	06	26
8	15.7	12	18.4	7	8.5	NORTHAMPTON VA	17	-54	-46	27	38
5	13.8	4	8.4	6	8.3	NORTHUMBERLAND VA	-39	-1	-40	34	36
4	6.6	7	9.9	5	5.5	NOTTOWAY VA	51	-44	-16	62	13
10	20.3	13*	20.7	13	15.6	ORANGE VA	2	-25	-23	55	91
14	20.3	16	18.2	14	12.1	PAGE VA	-10	-33	-40	34	75
12	19.4	15*	20.8	10	9.9	PATRICK VA	7	-53	-49	24	54
33	10.2	46	11.3	45	7.8	PITTSYLVANIA#VA	11	-31	-24	55	30
4	25.0	5	23.7	4	13.1	POWHATAN VA	-5	-45	-48	26	80
8	16.7	5	8.6	3	5.5	PRINCE EDWARD VA	-48	-59	-79	03	05
21*	26.5	22	16.6	35	12.6	PRINCE WILLIAM#VA	-37	-25	-53	20	78
13	13.3	28*	22.1	25	14.5	PULASKI VA	66	-34	9	79	87
2	7.4	3	12.3	4	13.0	RAPPAHANNOCK VA	67	6	77	94	80
1	4.4	2	5.5	2	5.3	RICHMOND VA	26	-4	21	84	12
88	14.7	104	12.3	92	7.8	ROANOKE#VA	-16	-37	-47	26	30
19	17.4	20	14.8	22	13.1	ROCKBRIDGE#VA	-15	-12	-25	53	80
36	15.9	27	9.4	44	11.0	ROCKINGHAM#VA	-41	17	-31	46	66
24*	24.8	12	11.9	20	14.6	RUSSELL VA	-52	23	-41	32	88
14	12.9	20	15.3	21	12.5	SCOTT VA	18	-19	-4	72	77
14	11.3	10	6.4	21	11.5	SHENANDOAH VA	-43	79	2	76	70
16	12.7	18	12.0	20	10.2	SMYTH VA	-5	-15	-20	58	58
9	18.2	6	9.0	14	16.9	SOUTHAMPTON#VA	-51	67	-7	70	93
14	14.6	19	14.6	20	11.1	SPOTSYLVANIA#VA	0	-24	-24	55	67
7	16.8	11	18.1	13	11.6	STAFFORD VA	8	-36	-31	46	71
3	17.4	3	19.9	4	15.4	SURRY VA	14	-23	-12	67	90
2	10.1	7*	27.6	4	11.6	SUSSEX VA	173	-58	15	81	71
26	19.2	36*	20.9	33	13.6	TAZEWELL VA	9	-35	-29	48	84
4	6.5	15*	21.0	13	13.1	WARREN VA	221	-37	101	95	81

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,153,159.2-.9,164.2-.9, 164,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
43*	20.1	45*	16.4	45	12.1	WASHINGTON#VA	-19	-26	-40	34	75
3	8.4	2	5.2	9	11.3	WESTMOPELAND VA	-38	117	35	87	69
54*	34.5	31	14.7	33	12.9	WISE#VA	-57	-12	-63	12	80
13	12.8	17	14.3	17	10.3	WYTHE VA	11	-28	-20	58	59
165	13.7	265*	15.8	303*	13.4	CHESAPEAKE CITY#VA	15	-15	-2	73	82
23	14.0	33	13.9	49*	14.9	HAMPTON CITY VA	0	8	7	78	89
24	11.1	25	8.8	56	13.6	NEWPORT NEWS CITY VA	-21	54	22	84	83
18	20.3	14	11.7	16	9.6	SUFFOLK CITY VA	-42	-18	-53	20	51
1523	12.7	1563	9.9	1772	8.6	WASHINGTON WA	-22	-13	-32		
5	15.1	3	8.1	5	9.2	ADAMS WA	-47	14	-39	35	46
7	9.6	10	10.9	10	9.6	ASOTIN WA	13	-12	0	74	51
14	9.5	9	3.5	28	8.0	BENTON WA	-64	131	-16	62	33
21	11.0	18	7.0	21	7.5	CHELAN WA	-36	7	-32	44	27
19	15.4	15	9.4	22	8.1	CLALLAM WA	-39	-13	-47	26	34
57	14.3	67	11.9	66	7.9	CLARK WA	-17	-34	-45	28	31
3	13.9	2	5.7	3	7.2	COLUMBIA WA	-59	26	-49	25	25
27	12.8	24	8.5	28	7.1	COWLITZ WA	-33	-17	-45	28	24
4	7.5	6	8.4	9	9.4	DOUGLAS WA	13	11	25	85	48
		1	10.6	2	15.5	FERRY WA		46			91
5	10.4	9	10.1	10	7.5	FRANKLIN WA	-2	-26	-27	50	28
6*	36.4	1	5.9			GARFIELD WA	-84				
4	4.7	10	7.1	16	7.8	GRANT WA	50	11	66	93	31
39	15.9	31	9.7	38	9.5	GRAYS HARBOR WA	-39	-2	-41	33	49
5	8.6	9	9.8	12	7.1	ISLAND WA	14	-28	-18	60	24
3	6.6	7	12.0	12	12.7	JEFFERSON WA	81	6	91	95	78
534	13.4	562	10.6	582	8.8	KING WA	-21	-17	-35	41	41
54	15.2	39	8.1	65	10.0	KITSAP WA	-46	23	-34	42	56
13	14.4	12	11.1	16	11.7	KITTITAS WA	-23	5	-19	60	72
8	14.0	8	12.8	9	11.5	KLICKITAT WA	-8	-10	-18	61	70
34	14.2	23	8.1	19	5.6	LEWIS WA	-43	-32	-61	13	13
11	20.2	6	10.1	11	13.8	LINCOLN WA	-50	36	-32	45	84
6	8.6	8	7.8	17	10.9	MASON WA	-10	40	26	85	65
11	10.3	13	10.4	16	9.2	OKANOGAN WA	1	-12	-11	67	45
10	12.3	3	3.0	14	10.6	PACIFIC WA	-76	259	-14	64	62
1	3.2	3	8.5	3	6.4	PEND OREILLE WA	168	-24	104	96	19
164	12.3	188	11.1	231	10.5	PIERCE WA	-10	-6	-15	63	61
4	19.7	2	6.9	5	9.6	SAN JUAN WA	-65	38	-52	22	50
25	9.7	23	7.3	31	8.7	SKAGIT WA	-24	19	-10	68	40
2	7.8	4	16.2	3	12.1	SKAMANIA WA	108	-26	55	91	74
94	14.1	90	9.5	111	7.8	SNOHOMISH WA	-33	-17	-44	29	31
138	10.6	165	10.0	146	7.4	SPOKANE WA	-6	-26	-30	47	27
8	10.1	8	9.5	9	7.4	STEVENS WA	-6	-21	-26	51	27
29	12.4	24	6.9	63	11.6	THURSTON WA	-44	68	-6	71	71
2	11.0	2	8.2	1	3.6	WAHKIAKUM WA	-25	-56	-67	09	06
24	11.6	26	9.7	23	7.0	WALLA WALLA WA	-16	-28	-40	34	23
65	16.7	49	10.7	46	8.0	WHATCOM WA	-36	-26	-52	21	32
13	9.5	15	10.1	10	5.3	WHITMAN WA	6	-47	-44	29	12
54	9.5	68	9.0	59	6.3	YAKIMA WA	-5	-31	-34	42	18
1230*	16.1	1398*	15.1	1630*	14.4	WEST VIRGINIA WV	-6	-4	-10		
9	10.4	3	3.0	11	10.0	BARBOUR WV	-71	234	-4	72	56
28	18.5	48*	26.2	25	10.7	BERKELEY WV	42	-59	-42	32	63
11	12.8	22*	18.9	27*	19.3	BOONE WV	48	2	51	91	96
7	8.4	6	7.0	12	10.9	BRAXTON WV	-17	56	30	86	65
23*	20.8	24*	17.6	17	9.5	BROOKE WV	-15	-46	-54	18	49
71	13.9	86	13.4	105*	13.9	CABELL WV	-4	4	0	75	85
5	12.1	12*	27.3	12*	25.5	CALHOUN WV	125	-7	110	96	98
8	15.4	5	10.6	10	15.4	CLAY WV	-31	46	0	75	90
7	14.0	7	15.6	6	12.9	DODDRIDGE WV	11	-18	-8	69	79
45*	20.8	35	13.1	65*	20.1	FAYETTE WV	-37	54	-3	73	96
		7	14.1	10*	18.0	GILMER WV		27			95
4	10.3	7	15.7	4	6.9	GRANT WV	52	-56	-33	43	23
36*	24.8	31*	15.9	30	11.3	GREENBRIER WV	-36	-29	-55	18	68
14*	25.2	9	13.5	5	6.5	HAMPSHIRE WV	-46	-52	-74	04	19
20	14.9	23	13.5	39*	17.5	HANCOCK WV	-9	29	18	82	94
3	6.8	4	7.8	11*	16.6	HARDY WV	15	113	145	97	93
64	16.2	59	12.3	80*	13.9	HARRISON WV	-24	13	-14	64	84
11	15.0	18*	19.7	13	10.6	JACKSON WV	31	-46	-29	48	62
6	8.3	7	7.9	12	10.4	JEFFERSON WV	-5	32	26	85	60
113	13.4	184*	17.0	202*	14.9	KANAWHA WV	26	-12	11	80	89
22	16.4	17	11.5	19	12.2	LEWIS WV	-30	6	-26	52	75
9	15.1	12	12.4	11	10.0	LINCOLN WV	-18	-19	-34	42	56
34*	22.8	38*	19.8	31	14.0	LOGAN WV	-13	-29	-39	36	85
25	17.6	41*	22.6	42*	20.4	MC DOWELL WV	28	-9	16	82	96
56	17.3	33	8.8	65*	14.1	MARION WV	-49	61	-19	60	85
21	11.5	34*	16.6	20	8.0	MARSHALL WV	44	-52	-31	46	32
16	15.7	22*	19.0	23*	15.4	MASON WV	21	-19	-2	73	90
40	14.6	55*	17.4	61*	14.4	MERCER WV	19	-17	-2	74	87
21*	21.4	19	16.3	23*	14.9	MINERAL WV	-24	-9	-30	47	89
22	18.4	27*	19.3	24*	14.9	MINGO WV	5	-23	-19	59	89
38	16.7	39	13.7	65*	18.0	MONONGALIA WV	-18	32	8	79	95
14	19.9	12	15.5	18*	21.2	MONROE WV	-22	37	6	78	97
11*	26.9	5	10.2	12*	17.7	MORGAN WV	-62	73	-34	41	94
22*	24.3	16	14.8	30*	21.6	NICHOLAS WV	-39	46	-11	67	97
68	16.6	68*	14.9	81*	15.9	OHIO WV	-11	7	-4	72	92
6	15.0	8	16.3	2	2.6	PENDLETON WV	9	-84	-83	01	04
3	9.5	3	7.6	3	6.4	PLEASANTS WV	-20	-16	-33	43	19
9	19.5	8	12.8	7	9.3	POCAHONTAS WV	-35	-27	-52	21	48
19	14.8	21	13.4	21	11.3	PRESTON WV	-9	-16	-24	55	69
10	12.7	14	12.7	19	12.1	PUTNAM WV	0	-5	-5	71	75
35	15.5	45	14.4	58	13.3	RALEIGH WV	-7	-8	-14	64	82
12	10.1	12	7.9	19	10.5	RANDOLPH WV	-22	34	4	77	61
11	12.8	11	12.2	11	9.4	RITCHIE WV	-5	-23	-27	51	48
19*	23.7	21*	20.9	17	14.5	ROANE WV	-11	-31	-39	35	87
21*	28.8	13	14.5	21*	20.5	SUMMERS WV	-50	42	-29	49	96
21*	23.8	16	16.1	25*	22.8	TAYLOR WV	-32	41	-4	72	98
6	11.6	9	16.5	5	7.6	TUCKER WV	42	-54	-35	41	28

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
13	17.2	9	12.0	17*	22.5	TYLER WV	-30	83	31	86	97
16	16.2	13	10.8	15	11.6	UPSHUR WV	-33	7	-28	49	71
25	16.0	36*	20.6	36*	15.8	WAYNE WV	29	-23	-1	74	92
16*	35.1	18*	30.1	21*	30.5	WEBSTER WV	-14	1	-13	65	99
18	18.1	29*	27.0	27*	21.2	WETZEL WV	49	-21	17	82	97
6	21.4	4	14.3	6	18.5	WIRT WV	-33	30	-13	65	95
44	12.4	51	11.3	59	10.6	WOOD WV	-9	-7	-15	63	62
16	23.2	22*	22.4	20	15.1	WYOMING WV	-3	-33	-35	41	89
2182	12.1	2325	10.2	2746	9.8	WISCONSIN WI	-15	-4	-19		
6	14.4	6	10.4	10	11.1	ADAMS WI	-27	7	-23	56	67
14	14.9	6	5.7	7	4.5	ASHLAND WI	-62	-22	-70	07	08
17	9.7	22	10.7	42*	15.2	BARRON WI	10	42	57	92	90
4	6.1	7	11.9	9	10.7	BAYFIELD WI	96	-10	75	93	63
55	11.6	73	11.4	73	8.5	BROWN WI	-1	-25	-26	52	38
13	18.4	14	16.0	6	6.1	BUFFALO WI	-13	-62	-67	09	17
1	1.8	6	9.4	7	8.2	BURNETT WI	420	-12	356	99	35
8	8.2	15	12.5	11	8.2	CALUMET WI	52	-35	0	74	34
21	9.7	19	7.6	25	8.6	CHIPPEWA WI	-22	14	-11	67	39
26	15.5	25	12.6	22	10.0	CLARK WI	-19	-20	-35	40	56
27	13.1	26	10.0	30	9.7	COLUMBIA WI	-24	-3	-26	52	52
15	18.1	9	10.2	10	8.7	CRAWFORD WI	-44	-14	-52	21	40
86	9.9	104	9.0	124	8.4	DANE WI	-9	-7	-15	63	37
45	14.1	43	11.1	55	11.3	DODGE WI	-21	1	-20	58	68
22	19.8	17	12.4	17	9.8	DOOR WI	-37	-21	-50	23	53
29	12.7	31	11.4	46*	14.1	DOUGLAS WI	-11	24	11	80	85
22	15.6	24	14.0	26	13.6	DUNN WI	-10	-3	-13	66	84
32	11.0	31	8.6	39	8.6	EAU CLAIRE WI	-22	0	-22	57	39
1	6.2	4	22.2	4	13.7	FLORENCE WI	256	-38	121	96	84
54	12.5	54	11.3	44	7.0	FOND DU LAC WI	-10	-38	-44	29	23
2	6.8	6	14.3	5	8.8	FOREST WI	111	-39	29	85	41
30	12.2	35	11.8	26	7.7	GRANT WI	-3	-35	-37	38	29
19	12.2	21	10.7	15	6.8	GREEN WI	-12	-36	-44	29	22
11	12.5	13	11.7	9	7.0	GREEN LAKE WI	-6	-40	-44	29	23
12	10.2	12	9.0	18	13.7	IOWA WI	-12	52	35	87	84
6	15.4	3	5.9	6	9.6	IRON WI	-62	64	-38	37	51
14	17.6	10	10.4	18*	14.9	JACKSON WI	-41	44	-15	63	89
47	16.6	41	12.5	39	8.9	JEFFERSON WI	-25	-29	-46	27	42
9	8.5	14	13.5	16	9.7	JUNEAU WI	58	-28	13	81	52
42	10.8	38	7.0	51	7.5	KENOSHA WI	-36	8	-31	46	28
11	13.2	21*	20.3	7	5.1	KEWAUNEE WI	53	-75	-61	13	11
56	15.2	35	7.4	68	11.5	LA CROSSE WI	-51	55	-25	54	70
7	7.4	12	11.4	11	11.0	LAFAYETTE WI	53	-4	47	90	65
22*	22.5	23*	18.4	22	14.4	LANGLADE WI	-18	-22	-36	39	87
12	10.8	15	10.5	19	10.0	LINCOLN WI	-3	-5	-8	70	56
45	13.2	41	8.9	46	8.4	MANITOWOC WI	-32	-6	-36	39	37
50	14.3	42	9.0	55	9.2	MARATHON WI	-37	3	-36	40	46
22	11.6	19	8.0	29	10.5	MARINETTE WI	-31	32	-9	69	61
9	14.1	6	8.8	7	7.3	MARQUETTE WI	-37	-17	-48	25	26
41	14.6	32	8.8	42	9.8	MENOMINEE#WI	-40	10	-33	43	53
527	11.7	569	10.2	669	10.4	MILWAUKEE WI	-13	2	-11	67	60
19	10.7	13	6.9	24	9.8	MONROE WI	-36	42	-8	69	53
15	15.4	15	11.4	27	15.6	ONEIDA WI	-26	37	1	76	91
48	12.4	52	10.3	54	8.4	OUTAGAMIE WI	-17	-19	-32	44	36
15	11.3	17	8.7	27	9.0	OZAUKEE WI	-23	3	-20	58	44
4	10.0	4	9.2	2	3.5	PEPIN WI	-7	-62	-65	10	05
14	11.4	14	9.4	12	7.8	PIERCE WI	-17	-17	-31	45	30
14	10.7	19	11.5	16	8.0	POLK WI	7	-30	-25	53	33
16	9.3	21	10.6	39*	14.1	PORTAGE WI	13	34	51	91	86
4	5.5	6	6.3	19*	14.8	PRICE WI	14	134	167	97	88
54	9.8	67	8.9	110	12.1	RACINE WI	-9	35	23	84	75
13	12.3	12	10.8	3	1.9	RICHLAND WI	-12	-82	-85	01	03
43	8.4	74	11.8	77	9.7	ROCK WI	40	-18	15	81	52
9	13.8	9	10.0	11	9.0	RUSK WI	-27	-10	-34	41	44
13	9.3	17	10.3	18	8.4	ST CROIX WI	10	-19	-10	67	36
19	9.1	24	9.8	28	9.3	SAUK WI	9	-6	2	76	47
4	9.3	4	9.5	13	15.5	SAWYER WI	2	63	67	93	91
69	15.2	47	8.5	44	6.3	SHEBOYGAN WI	-44	-26	-59	15	18
15	19.8	6	6.6	9	7.3	TAYLOR WI	-67	12	-63	12	26
19	14.2	20	14.6	18	8.8	TREMPEALEAU WI	3	-40	-38	36	41
23	14.9	19	10.0	17	7.2	VERNON WI	-33	-28	-52	21	25
9	22.7	14*	24.4	17	15.4	VILAS WI	7	-37	-32	44	90
34	11.9	55*	16.5	41	9.4	WALWORTH WI	38	-43	-21	57	48
7	11.9	7	10.1	9	10.0	WASHBURN WI	-15	-1	-15	63	56
19	9.6	27	10.7	44	13.0	WASHINGTON WI	12	21	36	87	80
67	13.9	92	12.4	110	9.9	WAUKESHA WI	-11	-20	-29	49	55
21	8.8	32	11.9	34	10.4	WAUPACA WI	36	-13	18	83	61
7	7.7	6	5.2	13	11.4	WAUSHARA WI	-33	120	47	90	69
72	14.0	66	10.2	79	9.9	WINNEBAGO WI	-27	-3	-29	48	54
24	10.4	22	6.9	46	10.7	WOOD WI	-34	56	3	76	63
131	12.3	148	10.4	203	10.9	WYOMING WY	-15	4	-12		
4	7.1	11	12.9	8	6.9	ALBANY WY	83	-46	-2	74	23
7	14.2	8	13.8	9	10.7	BIG HORN WY	-3	-22	-25	54	63
3	14.4	2	7.1	2	3.6	CAMPBELL WY	-51	-50	-75	04	05
6	11.1	7	11.5	14*	18.5	CARBON WY	4	61	68	93	95
7	25.1	3	9.6	10*	22.3	CONVERSE WY	-62	132	-11	67	97
3	16.0	3	17.2	4	17.5	CROOK WY	7	1	9	79	94
15*	26.1	10	11.5	18	13.9	FREMONT WY	-56	21	-47	26	85
8	16.6	3	4.6	6	6.0	GOSHEN WY	-72	31	-64	11	16
4	13.6			8	14.3	HOT SPRINGS WY			5	77	86
3	11.6			5	14.4	JOHNSON WY			24	84	87
5	2.6	22	9.2	23	7.5	LARAMIE WY	249	-18	187	98	28
3	10.6	3	7.6	7	15.5	LINCOLN WY	-29	104	46	90	90
12	8.4	26	13.9	30	12.3	NATRONA WY	66	-12	46	90	75
2	9.8	4	20.6	3	11.4	NIOBRARA WY	110	-44	17	82	70
12	20.8	11	12.5	7	5.2	PARK-TETON#WY	-40	-58	-75	04	12
5	14.4	6	15.4	4	7.4	PLATTE WY	7	-52	-49	24	26

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
10	9.1	10	8.1	18	11.9	SHERIDAN WY	-11	47	31	86	73
				1	7.9	SUBLETTE WY					31
13	25.3	10	16.3	12	11.3	SWEETWATER WY	-36	-31	-55	17	68
3	9.5	3	8.1	4	9.9	UINTA WY	-15	23	4	77	54
3	17.9	5	16.9	5	13.3	WASHAKIE WY	-5	-21	-25	53	62

NON-WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
11124	17.9	14161	18.4	18062	18.1	UNITED STATES		3	-2	1		
436	12.9	595	16.9	760*	20.5	ALABAMA	AL	31	21	58		
5	18.6	4	15.6	3	13.8	AUTAUGA	AL	-16	-12	-26	32	66
3	18.1	6	18.7	9	21.4	BALDWIN	AL	3	14	18	58	80
3	6.7	12	29.9	6	13.2	BARBOUR	AL	346	-56	97	81	65
3	15.4	2	10.5	4	30.5	BIBB	AL	-32	190	98	81	90
2	5.8	5	12.3	9	24.8	BULLOCK	AL	112	103	330	96	84
8	20.8	5	13.5	11	32.7	BUTLER	AL	-35	142	57	72	91
6	11.4	18*	30.2	11	17.6	CALHOUN	AL	165	-42	55	71	74
8	16.6	10	22.4	11	22.6	CHAMBERS	AL	35	1	36	65	82
1	18.1	1	22.3			CHEROKEE	AL	23				
3	18.2	3	21.0	1	5.9	CHILTON	AL	16	-72	-67	07	56
2	6.0	5	14.7	4	10.4	CHOCTAW	AL	143	-29	71	75	61
8	15.2	19*	41.9	16*	32.3	CLARKE	AL	175	-23	112	83	91
1	10.4	1	13.6	1	15.7	CLAY	AL	30	16	51	70	70
2	12.1	5	27.1	6	28.8	COFFEE	AL	124	6	139	87	89
2	6.1	7	19.7	5	14.8	COLBERT	AL	224	-25	143	87	68
4	13.0	3	8.6	4	16.9	CONECUH	AL	-34	97	30	63	73
		1	6.5	2	11.2	COOSA	AL		73			62
1	3.9	2	8.7	6	32.1	COVINGTON	AL	121	269	716	99	91
		3	19.7	4	21.1	CRENSHAW	AL		7			79
1	45.4			1	28.7	CULLMAN	AL			-37	24	88
4	26.9	3	17.1	5	22.1	DALE	AL	-37	30	-18	38	81
22	18.4	32*	28.1	34*	30.2	DALLAS	AL	53	7	64	73	90
1	21.0					DE KALB	AL					
9	22.5	6	17.1	4	14.0	ELMORE	AL	-24	-18	-38	24	67
10	26.0	5	11.7	11	24.9	ESCAMBIA	AL	-55	113	-4	46	84
5	12.3	8	15.5	13	24.2	ETOWAH	AL	26	56	96	81	84
3	33.0	2	21.1			FAYETTE	AL	-36				
2	51.4	2	34.3			FRANKLIN	AL	-33				
1	9.6	4	28.4	3	20.7	GENEVA	AL	195	-27	115	84	79
7	14.0	11	27.6	6	14.9	GREENE	AL	97	-46	6	53	69
5	9.3	11	20.6	4	8.2	HALE	AL	121	-60	-12	42	58
2	9.6	5	20.8	4	17.9	HENRY	AL	117	-14	87	79	75
3	6.9	4	7.6	7	11.8	HOUSTON	AL	11	55	72	75	63
		2	28.2	1	16.1	JACKSON	AL		-43			71
116	14.2	148	17.6	195	21.3	JEFFERSON	AL	24	21	50	70	80
1	10.8			3	36.7	LAMAR	AL			242	94	93
		5	16.9	6	19.6	LAUDERDALE	AL		15			77
4	20.9	2	11.1	4	18.1	LAWRENCE	AL	-47	63	-14	40	75
6	11.7	9	15.9	8	12.7	LEE	AL	36	-20	8	54	65
2	8.1	9	31.8	11*	42.2	LIMESTONE	AL	293	33	421	98	95
7	13.0	5	13.0	2	4.6	LOWNDES	AL	0	-65	-65	08	55
5	5.6	6	4.7	8	7.7	MACON	AL	-16	65	38	66	58
7	10.8	9	12.2	16	18.1	MADISON	AL	14	48	68	74	75
9	13.3	13	18.9	12	20.2	MARENGO	AL	42	7	52	70	78
				3*	62.0	MARSHALL	AL					97
37	14.0	45	15.2	75	20.2	MOBILE	AL	9	34	45	68	78
6	12.7	7	20.2	7	16.6	MONROE	AL	60	-18	31	64	73
21	10.0	37	17.7	62*	27.2	MONTGOMERY	AL	77	54	173	90	87
2	6.4	5	17.7	6	18.1	MORGAN	AL	177	2	183	91	75
5	8.8	4	11.2	12	27.3	PERRY	AL	27	144	210	93	87
3	9.4	3	8.5	6	14.6	PICKENS	AL	-9	72	56	71	68
4	7.2	6	14.8	6	17.5	PIKE	AL	105	19	143	87	74
1	6.2	3	15.7	3	15.0	RANDOLPH	AL	151	-5	140	87	69
8	13.0	12	17.1	12	15.4	RUSSELL	AL	32	-10	19	59	70
7*	49.1	4	25.0	3	21.4	ST CLAIR	AL	-49	-14	-56	13	80
		4	13.4	3	9.2	SHELBY	AL		-31			59
6	8.5	10	16.8	18*	31.4	SUMTER	AL	98	87	270	95	90
3	5.2	11	17.0	18	25.7	TALLADEGA	AL	228	51	394	97	85
3	10.3	6	18.0	5	13.4	TALLAPOOSA	AL	75	-25	30	63	66
13	14.5	11	10.3	33*	28.2	TUSCALOOSA	AL	-29	173	94	80	88
4	13.6	5	17.3	7	25.7	WALKER	AL	28	49	90	79	85
1	6.2	2	9.6	4	20.6	WASHINGTON	AL	54	115	231	94	78
18*	31.6	7	12.9	6	11.2	WILCOX	AL	-59	-13	-64	08	63
		40*	33.6	55*	33.5	ALASKA	AK		0			
42	11.8	55	12.3	90	12.1	ARIZONA	AZ	4	-2	2		
2	4.8	6	10.7	19	22.0	APACHE	AZ	122	107	359	96	81
1	23.4	2	40.1	3	20.6	COCHISE	AZ	72	-49	-12	42	78
1	5.1	8	22.0	3	8.5	COCONINO	AZ	330	-61	66	73	58
3	29.6	1	9.2			GILA	AZ	-69				
17	15.8	11	6.8	30	10.8	MARICOPA	AZ	-57	60	-32	28	62
6	11.6	11	20.9	8	10.9	NAVAJO	AZ	80	-48	-6	45	62
5	8.4	12	17.7	17	13.9	PIMA	AZ	111	-21	66	73	67
7	21.3	2	4.8	7	14.5	PINAL	AZ	-77	203	-32	28	68
		1	18.8			YAVAPAI	AZ					
		1	11.2	3	9.5	YUMA	AZ		-16			60
248	14.1	371*	21.3	404*	23.3	ARKANSAS	AR	51	9	65		
2	8.7	6	23.0	8	32.7	ARKANSAS	AR	164	42	274	95	91
2	4.7	10	26.5	4	14.2	ASHLEY	AR	466	-46	203	92	67
		1*	109.3			BENTON	AR					
3	12.8	4	16.9	3	16.0	BRADLEY	AR	32	-6	25	62	71
1	6.6	1	9.4			CALHOUN	AR	42				
6	10.5	10	16.2	10	18.2	CHICOT	AR	55	12	74	76	75
3	12.4	6	22.6	6	26.8	CLARK	AR	83	18	116	84	86
4*	51.7			1	9.3	CLEVELAND	AR			-82	02	59
2	5.0	7	18.2	10	22.2	COLUMBIA	AR	262	22	342	96	81
2	12.5	3	21.0			CONWAY	AR	69				
2	18.1	3	40.8	2	29.3	CRAIGHEAD	AR	126	-28	62	72	89
2	53.9					CRAWFORD	AR					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
10	8.1	29	24.9	30*	28.5	CRITTENDEN AR	208	14	253	95	88
4	16.0	8	30.7	8	36.1	CROSS AR	92	17	125	86	92
5	25.1	3	16.9	3	14.8	DALLAS AR	-33	-12	-41	22	68
8	15.2	7	13.2	13	32.1	DESHA AR	-13	144	112	83	91
3	8.6	2	6.5	8	33.2	DREW AR	-25	411	285	95	91
2	18.7	4	32.3	2	19.2	FAULKNER AR	73	-41	3	50	77
6	23.4	8	27.0	8	29.9	GARLAND AR	15	11	28	62	90
4	9.3	2	5.7	3	9.0	HEMPSTEAD AR	-39	59	-3	47	59
		3	24.8	3	20.9	HOT SPRING AR		-16			79
1	10.2	3	22.9	3	21.5	HOWARD AR	124	-6	110	83	80
				2	33.6	INDEPENDENCE AR					92
2	11.3	3	19.1	2	10.0	JACKSON AR	69	-48	-11	42	60
29	17.5	42*	26.2	50*	28.8	JEFFERSON AR	49	10	64	73	89
		2*	190.2			JOHNSON AR					
1	3.3	7	33.8	5	17.4	LAFAYETTE AR	912	-49	421	98	74
1	67.0					LAWRENCE AR					
11	16.3	20*	39.4	16*	27.3	LEE AR	142	-31	68	74	87
3	12.5	3	10.3	4	10.9	LINCOLN AR	-18	6	-13	41	62
3	18.9	2	11.1	3	18.6	LITTLE RIVER AR	-41	68	-1	48	76
3	15.8	6	26.3	6	28.5	LONOKE AR	66	8	80	77	88
4	10.9	9	24.1	9	28.1	MILLER AR	122	17	158	88	87
12	14.2	11	13.8	18	26.2	MISSISSIPPI AR	-3	90	85	79	86
2	5.1	9	25.3	7	20.1	MONROE AR	400	-21	296	96	78
6	36.1	2	9.8	5	25.9	NEVADA AR	-73	165	-28	30	86
7	14.5	14	23.6	12	19.8	OUACHITA AR	63	-16	36	65	78
17	15.1	22	20.2	28*	25.5	PHILLIPS AR	34	26	70	74	85
3	25.6	1	9.2	1	6.7	POINSETT AR	-64	-27	-74	04	57
				1*	172.0	POLK AR					99
				2	64.7	POPE AR					97
		2	20.1	3	41.3	PRAIRIE AR		105			94
42	19.7	62*	26.9	60	24.1	PULASKI AR	36	-10	22	60	84
		1*	86.0	1*	74.3	RANDOLPH AR		-14			97
13	17.6	14	20.0	18	24.5	ST FRANCIS AR	14	22	39	66	84
1	20.2	1	6.1	2	25.5	SALINE AR	-70	316	26	62	65
3	14.7	7	34.7	3	15.2	SEBASTIAN AR	136	-56	4	51	69
				1	14.1	SEVIER AR					67
6	9.3	7	11.8	11	17.6	UNION AR	27	49	90	80	74
				1	26.8	WASHINGTON AR					86
3*	48.9			2	22.3	WHITE AR			-54	14	81
4	13.5	2	7.2	5	30.8	WOODRUFF AR	-46	326	128	86	90
		2*	71.6	1	37.5	YELL AR		-48			93
498	15.6	705	13.7	1099	10.5	CALIFORNIA CA	-12	-23	-33		
51	14.0	77	15.8	115	11.7	ALAMEDA CA	13	-26	-16	39	63
				4	19.7	BUTTE CA					78
1	68.3					CALAVERAS CA					
				1	17.0	COLUSA CA					73
8	19.4	13	14.1	30	12.8	CONTRA COSTA CA	-28	-9	-34	26	65
				1	18.6	EL DORADO CA					76
16	13.4	17	12.5	33	13.2	FRESNO CA	-7	6	-1	48	66
				1	16.3	GLENN CA					72
1	11.2	2	16.5	2	9.3	HUMBOLDT CA	48	-44	-17	38	59
3	11.2	5	15.9	8	13.5	IMPERIAL CA	43	-15	21	59	66
6	7.3	11	10.4	21	10.6	KERN CA	42	2	45	68	61
2	10.9	6	36.8	7	21.9	KINGS CA	238	-40	101	82	80
				2	32.7	LAKE CA					91
				1	23.6	LASSEN CA					83
191	15.6	329	14.7	454	10.2	LOS ANGELES CA	-6	-30	-34	25	61
		1	4.9	1	2.7	MADERA CA		-44			54
3	92.5	1	8.8	3	21.9	MARIN CA	-90	148	-76	04	80
1*	109.3					MARIPOSA CA					
		1	9.4	1	9.0	MENDOCINO CA		-5			59
3	19.0	5	18.0	5	8.5	MERCED CA	-6	-52	-55	14	59
1	57.3					MODOC CA					
1*	49.7					MONO CA					
5	7.7	10	13.0	10	6.3	MONTEREY CA	69	-51	-18	37	56
		1	10.4	2	9.0	NAPA CA		-13			59
2	12.5	2	8.2	12	5.0	ORANGE CA	-35	-39	-60	11	55
2	13.9	1	5.1	1	4.2	PLACER CA	-64	-17	-70	06	55
7	13.9	13	16.8	15	9.5	RIVERSIDE CA	21	-43	-32	28	60
24	23.2	20	13.2	40	11.8	SACRAMENTO CA	-43	-10	-49	17	63
9	26.3	9	11.1	16	7.2	SAN BERNARDINO CA	-58	-35	-73	05	57
14	12.2	18	11.2	39	8.6	SAN DIEGO CA	-8	-24	-30	29	59
73	15.8	82	13.0	149	15.2	SAN FRANCISCO CA	-18	17	-4	46	69
28	22.3	30	17.8	25	8.8	SAN JOAQUIN CA	-20	-50	-61	11	59
1	5.0	1	3.5	2	7.3	SAN LUIS OBISPO CA	-30	111	48	69	57
3	10.2	8	6.8	21	9.3	SAN MATEO CA	-33	36	-8	44	59
7	27.0	6	30.4	8	12.7	SANTA BARBARA CA	13	-58	-53	15	65
12	22.1	6	7.3	27	7.8	SANTA CLARA CA	-67	8	-65	08	58
4	20.1	5	19.1	3	8.5	SANTA CRUZ CA	-5	-56	-58	12	58
		2	32.0	1	9.6	SHASTA CA		-70			60
1	14.6			1	9.8	SISKIYOU CA			-33	27	60
7	18.2	6	13.4	16	14.1	SOLANO CA	-27	5	-23	33	67
1	5.8	3	15.9	4	11.4	SONOMA CA	175	-29	97	81	63
3	35.6	3	22.4	1	1.9	STANISLAUS CA	-37	-92	-95	00	54
				2	10.4	SUTTER CA					61
5	16.8	4	6.3	4	4.4	TULARE CA	-63	-29	-74	04	55
1	3.8	2	5.6	6	5.9	VENTURA CA	47	6	55	71	56
1	10.1	3	18.8	1	.8	YOLO CA	87	-96	-92	00	54
		2	16.8	3	23.0	YUBA CA		37			82
23	16.5	28	14.5	43	10.7	COLORADO CO	-12	-26	-35		
				2	14.9	ADAMS CO					69
		1*	62.9			DELTA CO					
17	18.2	20	14.5	36	16.0	DENVER-ARAPAHOE# CO	-20	10	-12	41	71
2	25.5			3	5.1	EL PASO CO			-80	03	55
		1*	37.2			HUERFANO CO					
				1	17.0	JEFFERSON CO					73

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
3	19.4	4	35.7	1	2.3	PUEBLO	CO	84	-94	-88	00	54
		1*	74.3			ROUTT	CO					
1	13.4	1	24.4			WELD	CO	82				
39	17.8	59	16.7	102	17.5	CONNECTICUT	CT	-6	4	-2		
15	22.7	17	15.3	27	14.4	FAIRFIELD	CT	-32	-6	-37	24	67
10	17.4	22	23.1	37	19.8	HARTFORD	CT	33	-14	14	56	78
2	50.6			1	27.0	LITCHFIELD	CT			-47	18	87
				2	26.2	MIDDLESEX	CT					86
12	14.2	18	15.8	28	16.2	NEW HAVEN	CT	11	3	14	56	72
		2	8.2	6	20.5	NEW LONDON	CT		152			78
				1	16.1	WINDHAM	CT					71
33	16.1	43	16.9	60	20.6	DELAWARE	DE	5	22	29		
5	13.2	5	11.9	14	27.6	KENT	DE	-10	132	110	83	87
20	16.8	24	15.4	33	19.8	NEW CASTLE	DE	-8	28	18	58	78
8	15.5	14	24.9	13	17.6	SUSSEX	DE	61	-29	14	56	74
252*	24.2	269	18.4	512*	28.8	DIST. OF COLUMBIA	DC	-24	56	19		
252*	24.2	269	18.4	512*	28.8	WASHINGTON	DC	-24	56	19	59	89
536*	20.8	665*	20.3	759	17.9	FLORIDA	FL	-2	-12	-14		
15	21.8	22*	30.4	29*	33.4	ALACHUA	FL	39	10	53	71	92
2	21.3	1	13.7			BAKER	FL	-36				
4	21.0	10	27.5	11	34.4	BAY	FL	31	25	64	73	92
		1	5.3	2	15.2	BRADFORD	FL		189			69
7	24.3	11	25.2	9	13.6	BREVARD	FL	4	-46	-44	20	66
20	23.1	35	23.8	37	13.2	BROWARD	FL	3	-45	-43	20	65
1	37.2			1	18.1	CALHOUN	FL			-51	16	75
1	29.8			3*	54.4	CHARLOTTE	FL			82	78	96
1	13.8	2	27.5	5	26.0	CITRUS	FL	99	-5	89	79	86
2	29.3	1	9.6	3	29.6	CLAY	FL	-67	210	1	50	89
		4	25.9	2	12.7	COLLIER	FL		-51			65
2	7.9	2	7.6	5	16.3	COLUMBIA	FL	-4	115	107	82	72
57	19.9	86	18.6	99	13.1	DADE	FL	-7	-30	-34	26	65
1	7.3	3	28.4	2	15.7	DE SOTO	FL	292	-41	131	86	73
5*	145.9	2	98.9	1	20.2	DIXIE	FL	-32	-80	-86	01	78
80*	23.5	91*	22.0	103	21.3	DUVAL	FL	-6	-3	-9	44	80
18	19.1	23	18.2	19	13.1	ESCAMBIA	FL	-5	-28	-31	28	65
1	13.3	1	15.3			FLAGLER	FL	15				
4*	39.1	1	16.4	1	12.8	FRANKLIN	FL	-58	-22	-67	07	65
6	7.6	14	16.2	7	7.6	GADSDEN	FL	113	-53	1	49	58
		2	47.5			GLADES	FL					
5*	59.2	2	17.6	1	8.6	GULF	FL	-70	-51	-85	01	59
2	13.7	5	34.2	3	25.2	HAMILTON	FL	149	-26	84	79	85
1	36.4	1	18.1	1	10.1	HARDEE	FL	-50	-44	-72	05	60
1	17.7	1	9.6	4	30.4	HENDRY	FL	-46	217	72	75	90
1	9.6	3	39.6	3	32.1	HERNANDO	FL	313	-19	235	94	91
2	13.5	6	27.5	2	6.0	HIGHLANDS	FL	104	-78	-56	14	56
56*	28.3	47	19.4	70*	24.4	HILLSBOROUGH	FL	-31	25	-14	40	84
		1	12.6	3	9.6	INDIAN RIVER	FL		-24			60
3	6.4	11	28.4	5	11.3	JACKSON	FL	340	-60	75	76	63
6	27.9	7	34.9	4	19.2	JEFFERSON	FL	25	-45	-31	28	77
1	94.4					LAFAYETTE	FL					
7	22.0	10	22.9	18*	29.3	LAKE	FL	4	28	33	64	89
5	15.7	8	20.2	13	31.1	LEE	FL	28	54	97	81	90
13	20.1	18	21.8	21	22.5	LEON	FL	8	3	12	55	81
4	27.4	3	17.8	2	15.5	LEVY	FL	-35	-13	-43	20	70
2*	129.4					LIBERTY	FL					
7	26.2	4	17.1	4	13.4	MADISON	FL	-35	-22	-49	17	66
2	5.1	13*	35.0	13	29.8	MANATEE	FL	584	-15	462	98	89
8	12.3	12	16.0	18	21.1	MARION	FL	30	32	71	75	79
4	36.9	7*	47.6	5	27.1	MARTIN	FL	29	-43	-27	32	87
4	35.5	1	4.7	2	9.5	MONROE	FL	-87	102	-73	04	60
2	18.8	4	27.2	3	14.5	NASSAU	FL	45	-47	-23	33	68
		2	20.2	4	23.9	OKALOOSA	FL		19			83
		1	19.7	6*	100.4	OKEECHOBEE	FL		411			98
18	17.4	21	13.6	27	13.9	ORANGE	FL	-22	3	-20	36	67
		3	53.3	1	12.6	OSCEOLA	FL		-76			64
29	20.0	36	18.8	49	18.8	PALM BEACH	FL	-6	0	-6	45	76
3	24.8	5	28.7	2	12.3	PASCO	FL	16	-57	-50	16	64
14	14.9	22	17.2	28	16.6	PINELLAS	FL	15	-4	11	55	73
25	21.4	34	25.4	24	13.9	POLK	FL	19	-45	-35	25	67
8	19.8	7	16.7	10	22.0	PUTNAM	FL	-16	32	11	55	81
8	23.2	5	16.2	5	15.4	ST JOHNS	FL	-30	-5	-33	27	70
6	20.7	8	15.7	12	20.3	ST LUCIE	FL	-24	29	-2	48	78
4*	59.3	3	44.7	1	22.5	SANTA ROSA	FL	-25	-50	-62	10	81
2	13.1	5	19.3	8	23.2	SARASOTA	FL	47	20	76	76	82
15*	29.2	9	16.0	15	21.1	SEMINOLE	FL	-45	32	-28	31	79
1	8.9	2	14.3	9*	56.7	SUMTER	FL	61	295	536	99	97
9*	46.9	5	27.0	1	7.8	SUWANNEE	FL	-42	-71	-83	01	58
3	20.5	2	10.8	5	30.8	TAYLOR	FL	-48	186	50	70	90
2	19.9	2	17.5	1	11.1	UNION	FL	-12	-37	-44	20	62
21*	25.6	16	19.9	12	11.2	VOLUSIA	FL	-22	-44	-56	13	62
1	24.8			1	17.6	WAKULLA	FL			-29	30	74
3	44.4	1	14.5	2	24.1	WALTON	FL	-67	66	-46	19	84
1	8.8			4*	51.8	WASHINGTON	FL			487	98	96
562	15.8	710	18.6	927*	21.7	GEORGIA	GA	18	17	37		
2	20.9	1	14.1	2	21.5	APPLING	GA	-33	52	3	51	80
				3*	47.4	ATKINSON	GA					96
		1	22.9			BACON	GA					
3	32.2	2	22.3	2	37.0	BAKER	GA	-31	66	15	57	93
1	2.3	2	3.6	7	14.3	BALDWIN	GA	59	296	529	99	67
		1	5.4			BARROW	GA					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	12.6	3	19.3	3	18.6	BARTOW GA	53	-4	47	69	76
3	16.4	3	17.9	2	10.9	BEN HILL GA	9	-39	-33	26	62
1	26.8			1	16.4	BERRIEN GA			-39	23	72
27	17.5	54*	34.1	57*	31.6	BIBB GA	95	-7	80	77	91
		5*	65.2	1	12.8	BLECKLEY GA		-80			65
1	35.1					BRANTLEY GA					
1	3.3	4	16.1	4	14.4	BROOKS GA	393	-11	341	96	67
2	29.1	2	29.8	1	10.4	BRYAN GA	2	-65	-64	08	61
4	13.8	7	23.9	8	30.0	BULLOCH GA	73	26	118	84	90
8	12.9	11	23.5	10	24.9	BURKE GA	82	6	93	80	85
1	7.9	2	15.7	3	20.6	BUTTS GA	99	32	162	89	79
4	25.4	2	12.1	3	21.2	CALHOUN GA	-52	75	-17	38	80
4	37.7	3	33.5	4	25.3	CAMDEN GA	-11	-24	-33	27	85
1	12.1					CANDLER GA					
1	7.5	1	3.4	3	15.9	CARROLL GA	-54	365	112	83	71
		1	44.6			CATOOSA GA					
		1	14.9	3	37.8	CHARLTON GA		154			93
39	17.7	55	23.0	72*	27.8	CHATHAM GA	30	21	57	72	87
		1	14.4	3	31.9	CHATTOOGA GA		122			91
1	20.2					CHEROKEE GA					
7	19.4	5	11.7	3	6.6	CLARKE GA	-40	-43	-66	07	56
		1	9.9	2	16.5	CLAY GA		67			72
3	21.2	5	43.1	5	30.3	CLAYTON GA	104	-30	43	67	90
2	21.3			2	25.1	CLINCH GA			18	58	85
3	12.7	6	21.6	6	18.7	COBB GA	71	-13	48	69	76
6	36.3	1	4.4	5	26.2	COFFEE GA	-88	502	-28	31	86
3	13.4	4	17.2	5	20.0	COLQUITT GA	29	16	50	70	78
3	19.9			3	18.8	COLUMBIA GA			-6	45	76
1	9.1	4	41.3	3	23.8	COOK GA	354	-42	161	89	83
10	27.8	6	17.2	8	23.0	COWETA GA	-38	34	-17	38	82
2	16.0	1	14.5	2	24.0	CRAWFORD GA	-10	65	49	69	83
11*	42.7	6	25.5	3	15.6	CRISP GA	-40	-39	-64	09	70
		1*	344.1			DADE GA					
5	13.3	6	18.5	5	16.1	DECATUR GA	39	-13	21	59	71
7	12.2	19	18.6	61*	31.8	DE KALB GA	52	71	160	88	91
2	12.3	2	12.7	3	1o.9	DODGE GA	3	33	37	65	73
1	4.8	5	29.7	1	6.5	DOOLY GA	525	-78	38	66	56
18*	26.4	15	17.6	21	21.3	DOUGHERTY GA	-33	21	-19	36	80
				1	6.4	DOUGLAS GA					56
1	3.7	5	21.9	4	17.1	EARLY GA	500	-22	367	97	74
				1*	74.5	ECHOLS GA					98
		1	10.3	3	24.8	EFFINGHAM GA		140			84
1	3.4	2	9.6	2	12.9	ELBERT GA	181	34	277	95	65
3	10.2	2	9.0	4	17.6	EMANUEL GA	-12	96	72	75	74
		3	29.3	1	10.2	EVANS GA		-65			61
		2	35.1	1	11.6	FAYETTE GA		-67			63
6	16.1	6	18.8	10	28.5	FLOYD GA	17	52	77	76	88
		1	18.9	2	41.0	FRANKLIN GA		117			94
107	19.5	191*	28.6	224*	29.0	FULTON GA	47	2	49	69	89
7	16.3	6	12.3	9	15.9	GLYNN GA	-25	29	-3	47	71
1	21.3	4*	99.2	1	19.5	GORDON GA	365	-80	-9	44	77
6	30.8	3	14.2	4	15.6	GRADY GA	-54	10	-49	17	70
				1	5.2	GREENE GA					55
5*	59.8			3	28.8	GWINNETT GA			-52	15	89
1	28.1					HABERSHAM GA					
1	4.5	5	32.9	4	24.0	HALL GA	634	-27	437	98	84
5	21.9	1	5.1	4	13.3	HANCOCK GA	-77	161	-39	23	66
				2	39.3	HARALSON GA					94
1	3.9	6	28.6	1	4.2	HARRIS GA	641	-85	9	54	55
2	14.4	4	34.5	2	14.7	HART GA	139	-57	2	50	68
1	25.9					HEARD GA					
6	31.2	4	22.2	3	11.4	HENRY GA	-29	-49	-63	09	63
1	3.7	1	4.2	6	19.9	HOUSTON GA	12	376	433	98	78
1	2.9	2	19.7			IRWIN GA	590				
		1	9.8			JACKSON GA					
2	15.3	2	17.3	5*	42.8	JASPER GA	13	147	179	90	95
3*	57.0			1	16.6	JEFF DAVIS GA			-71	05	73
5	19.4	9	31.0	7	17.6	JEFFERSON GA	60	-43	-9	44	74
1	6.1	1	6.2			JENKINS GA	1				
4*	71.9	1	10.6	3	39.0	JOHNSON GA	-85	267	-46	19	94
2	14.5	5	33.7	6	35.3	JONES GA	132	5	143	87	92
1	9.4			1	7.1	LAMAR GA			-25	33	57
1	28.1	1	18.8	1	21.0	LANIER GA	-33	12	-25	32	79
6	12.0	5	11.5	6	13.5	LAURENS GA	-4	17	13	56	66
4	32.1			2	16.4	LEE GA			-49	17	72
6	32.5	2	9.8	3	12.5	LIBERTY GA	-70	29	-61	11	64
1	10.5	2	24.6			LINCOLN GA	134				
				2	43.6	LONG GA					95
6	10.8	11	18.6	13	21.1	LOWNDES GA	72	13	95	80	79
1	10.6	1	4.2	1	4.1	MC DUFFIE GA	-61	-1	-61	11	55
2	16.8	5	38.3	3	20.5	MC INTOSH GA	128	-47	22	60	78
7	27.4	3	11.4	4	15.5	MACON GA	-59	37	-43	20	70
3*	42.3	1	14.4	1	24.4	MADISON GA	-66	69	-42	21	84
1	10.1	1	10.2	1	7.9	MARION GA	1	-23	-22	34	58
5	15.0	2	5.2	5	14.7	MERIWETHER GA	-65	183	-2	48	68
				2	21.3	MILLER GA					80
7	21.8	2	6.6	7	23.8	MITCHELL GA	-70	261	9	54	83
2	12.3	2	12.7	4	26.9	MONROE GA	3	112	119	85	87
2	20.0	3	30.1			MONTGOMERY GA	50				
		3	16.6	3	19.4	MORGAN GA		17			77
25*	26.5	20	16.5	35	20.9	MUSCOGEE#GA	-38	27	-21	35	79
2	8.1	5	23.9	6	23.2	NEWTON GA	193	-3	185	91	82
2	37.5			1	37.7	OCONEE GA			1	49	93
1	7.5			3	37.6	OGLETHORPE GA			403	97	93
1	17.2	1	21.9			PAULDING GA	27				
4	17.7	5	20.2	11*	37.9	PEACH GA	14	88	114	83	93
2	31.5			3	37.9	PIERCE GA			20	59	93
2	20.6	5*	47.0	6*	58.2	PIKE GA	128	24	183	90	97
		1	5.8	6	30.0	POLK GA		417			90
2	16.4			5	38.3	PULASKI GA			134	87	94

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NON-WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE				PERCENTILE
										%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
5	43.5	1	8.0	1	9.0	PUTNAM GA	-82	12	-79	03	59
				1	16.9	QUITMAN GA					73
		1*	344.1			RABUN GA					
6	22.2	10*	37.6	9*	39.3	RANDOLPH GA	70	5	78	77	94
22	17.2	15	9.8	30	16.3	RICHMOND GA	-43	67	-5	45	72
1	12.8	3	46.8	1	13.4	ROCKDALE GA	267	-71	5	52	66
2	26.9	1	16.1			SCHLEY GA	-40				
		3	10.5	8	32.3	SCREVEN GA		207			91
1	12.5					SEMINOLE GA					
2	7.6	3	10.6	8	24.0	SPALDING GA	39	126	214	93	83
1	12.3	2	20.5	1	16.7	STEPHENS GA	67	-18	36	65	73
3	13.6	3	17.7	3	18.9	STEWART GA	30	7	39	66	76
6	12.8	7	17.4	9	21.9	SUMTER GA	36	26	72	75	80
4	24.6	2	12.0	1	6.7	TALBOT GA	-51	-44	-73	05	56
1	11.5	1	9.9	2	38.0	TALIAFERRO GA	-14	283	231	94	93
2	13.4			3	15.8	TATTNALL GA			17	58	71
1	10.4					TAYLOR GA					
2	15.0	1	6.7	1	7.1	TELFAIR GA	-55	6	-53	15	57
4	13.5	2	6.6	7	29.9	TERRELL GA	-51	353	122	85	89
5	9.6	6	11.3	7	11.9	THOMAS GA	17	6	24	61	64
2	8.6	3	12.8	4	14.6	TIFT GA	49	14	71	74	68
2	11.3	2	11.5	3	15.6	TOOMBS GA	1	36	38	66	70
1	14.4	2	34.9	1	17.1	TREUTLEN GA	142	-51	19	59	74
3	4.7	12	23.3	7	13.5	TROUP GA	399	-42	188	91	66
		1	10.2	5	31.2	TWIGGS GA		206			90
2	8.0	5	21.6	1	3.7	UPSON GA	169	-83	-54	14	55
3	29.8			1	8.5	WALKER GA			-72	05	58
1	4.9	1	4.7	6	35.6	WALTON GA	-5	662	623	99	92
3	9.8	5	14.4	2	5.7	WARE GA	48	-60	-41	22	56
1	7.3	2	15.9	3	21.0	WARREN GA	118	32	188	91	79
2	5.4	5	15.5	4	11.7	WASHINGTON GA	184	-24	116	84	63
1	13.5	2	13.8	2	14.9	WAYNE GA	2	8	10	55	68
1	13.3			1	26.8	WEBSTER GA			101	82	86
				1	23.6	WHEELER GA					83
		1*	70.7	1*	114.7	WHITE GA		62			98
1	21.2			3	36.6	WHITFIELD GA			73	75	92
		2	19.8	2	15.3	WILCOX GA		-23			70
6	21.2			2	8.3	WILKES GA			-61	11	58
1	7.7	4	37.4	3	15.9	WILKINSON GA	386	-57	107	82	71
5	21.0	4	17.5	3	15.9	WORTH GA	-17	-9	-24	33	71
		180	10.7	226	9.7	HAWAII HI		-10			
		29	10.9	35	11.0	HAWAII HI		1			62
		125	11.0	149	8.8	HONOLULU HI		-21			59
		9	8.0	13	8.6	KAUAI HI		8			59
		17	9.2	29	12.7	MAUI#HI		39			65
4	10.4	3	6.5	5	6.4	IDAHO ID	-37	-1	-38		
		1	37.7			ADA ID					
				1	5.0	BANNOCK ID					55
1	18.9					BINGHAM ID					
				1*	74.3	JEROME ID					97
		1*	188.7	1	21.3	MINIDOKA ID		-89			80
1	26.5			2	47.0	NEZ PERCE ID			77	77	96
1*	67.0					PAYETTE ID					
		1*	546.6			TETON ID					
1*	49.2					WASHINGTON ID					
415	15.1	577	14.9	756	14.9	ILLINOIS IL	-2	0	-2		
		4*	51.7	3	41.0	ADAMS IL		-21			94
6	18.6	5	14.0	7	29.1	ALEXANDER IL	-25	108	57	71	89
				1*	141.3	CARROLL IL					99
3	17.5	2	11.1	5	18.1	CHAMPAIGN IL	-36	62	3	51	75
		1*	188.7			CLARK IL					
				1*	267.9	CLAY IL					99
318	15.0	438	13.8	584	14.0	COOK IL	-7	1	-6	45	67
		3	82.9			DU PAGE IL					
1	53.0	2*	94.5			HENRY IL	78				
1	5.0	1	9.8	7*	43.4	JACKSON IL	97	342	770	99	95
1	32.6	1	21.2			JEFFERSON IL	-35				
3	18.6	1	5.2	3	12.8	KANE IL	-72	145	-31	28	65
1	2.9	7	13.8	7	12.1	KANKAKEE IL	367	-12	310	96	64
3	36.6			1	12.4	KNOX IL			-66	07	64
3	7.9	4	8.3	14	19.1	LAKE IL	4	131	140	87	77
				2*	105.8	LA SALLE IL					98
				1*	53.6	LAWRENCE IL					96
1*	267.9					LIVINGSTON IL					
2	33.0					MC LEAN IL					
4	24.6	5	19.1	5	16.4	MACON IL	-22	-14	-33	27	72
5	11.1	14	28.9	11	19.5	MADISON IL	160	-32	76	76	77
1	12.9	1	16.4			MARION IL	27				
		2	29.5	1	9.3	MASSAC IL		-69			59
		1*	141.3			MONTGOMERY IL					
2	27.3					MORGAN IL					
5	18.9	8	22.9	8	15.3	PEORIA IL	21	-33	-19	36	69
		1	49.1			PERRY IL					
1	4.2	2	10.7	4	23.1	PULASKI IL	154	116	447	98	82
2	28.6			1	22.3	RANDOLPH IL			-22	34	81
4	41.0	3	19.3	7	34.0	ROCK ISLAND IL	-53	76	-17	38	92
26	17.9	52*	27.7	55*	25.4	ST CLAIR IL	55	-9	42	67	85
2	24.6			2	25.4	SALINE IL			3	51	85
11*	44.8	4	13.0	6	17.3	SANGAMON IL	-71	33	-61	11	74
				1	37.2	TAZEWELL IL					93
4	18.1	1	4.4	4	14.8	VERMILION IL	-76	239	-18	37	68
		1	28.1	1	47.1	WARREN IL		68			96
1*	94.4					WHITE IL					
3	4.9	7	14.2	7	15.6	WILL IL	189	10	218	93	70

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NON-WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
1	24.8	2	44.9	1	21.5	WILLIAMSON	IL	81	-52	-13	41	80
		4	21.8	6	19.1	WINNEBAGO	IL		-12			77
135	16.5	180	16.6	268	19.7	INDIANA	IN	0	19	19		
5	22.7	7	23.9	6	9.8	ALLEN	IN	6	-59	-57	13	60
				1	23.8	BARTHOLOMEW	IN					83
				1	81.8	CASS	IN					98
3	33.8	2	16.4	4	28.8	CLARK	IN	-52	76	-15	40	89
		1*	172.0			CLINTON	IN					
1*	49.2					DAVIESS	IN					
				1*	51.2	DEARBORN	IN					96
3	14.9	5	19.8	9	30.0	DELAWARE	IN	34	51	102	82	90
2	28.0			1	7.6	ELKHART	IN			-73	05	58
3	34.1	1	10.4	1	14.4	FLOYD	IN	-69	38	-58	12	67
1	30.7					GIBSON	IN					
1	7.4	1	7.2	4	25.9	GRANT	IN	-4	261	248	95	86
				1	45.5	HAMILTON	IN					95
1	11.6	1	12.5			HOWARD	IN	8				
		1*	122.7			JACKSON	IN					
1	40.2	1	42.6			JEFFERSON	IN	6				
1	49.2					JOHNSON	IN					
1*	188.7					KOSCIUSKO	IN					
32	14.6	54	17.6	65	16.2	LAKE	IN	20	-8	11	55	72
		6	32.0	6	25.2	LA PORTE	IN		-21			85
2	15.2	1	6.3	4	18.9	MADISON	IN	-59	200	24	61	76
57	17.8	79	18.7	132*	25.2	MARION	IN	5	35	42	67	85
1	53.6					ORANGE	IN					
				1*	267.9	OWEN	IN					99
1*	136.6					PORTER	IN					
				1	114.7	POSEY	IN					98
				1*	132.6	RUSH	IN					99
3	11.7	9	16.2	11	16.8	ST JOSEPH	IN	39	4	44	68	73
				1*	62.9	SPENCER	IN					97
				1	22.5	TIPPECANOE	IN					81
8	17.5	8	17.0	11	22.7	VANDERBURGH	IN	-3	34	30	63	82
5	19.0	3	10.6	1	3.4	VIGO	IN	-44	-68	-82	02	54
				1	47.2	WARRICK	IN					96
3	21.7			3	18.4	WAYNE	IN			-15	39	76
22	21.0	18	14.2	20	12.9	IOWA	IA	-32	-9	-38		
3	20.3	3	17.2	6	36.9	BLACK HAWK	IA	-15	114	82	78	93
1	67.0					CERRO GORDO	IA					
1*	86.0					DALLAS	IA					
1	56.2					DES MOINES	IA					
				1	53.0	JOHNSON	IA					96
1	14.1	2	28.9			LEE	IA	105				
2	36.3	2	32.0			LINN	IA	-12				
				1	33.5	MARSHALL	IA					92
7	17.9	9	18.1	11	18.7	POLK	IA	1	3	4	52	76
2	30.2	1	10.7	1	4.2	SCOTT	IA	-65	-61	-86	01	55
1	44.6					TAMA	IA					
2*	65.3					WAPELLO	IA					
1	14.0	1	14.4			WOODBURY	IA	3				
69	18.3	62	14.3	74	15.2	KANSAS	KS	-22	6	-17		
		1	114.7			ALLEN	KS					
		1	12.2	2	29.1	ATCHISON	KS		139			89
1	18.9	1	20.6			BOURBON	KS	9				
				2	58.8	BROWN	KS					97
		1	81.8			BUTLER	KS					
1	37.2					CHEROKEE	KS					
1	12.2			1	13.4	COWLEY	KS			10	54	66
1*	91.1					DICKINSON	KS					
3	33.2	2	16.6	1	6.6	DOUGLAS	KS	-50	-60	-80	03	56
				1	37.5	FINNEY	KS					93
1*	57.3					FORD	KS					
				1	28.7	FRANKLIN	KS					88
2	38.9	3	37.8	1	9.6	GEARY	KS	-3	-75	-75	04	60
1	53.0					GRAHAM	KS					
2*	105.9					HARVEY	KS					
1	26.8			1	26.8	JACKSON	KS			0	49	86
		2	21.8	2	29.8	LABETTE	KS		37			89
4	19.3	4	19.2	3	15.0	LEAVENWORTH	KS	0	-22	-22	34	69
				2	69.4	LYON	KS					97
				2	68.0	MIAMI	KS					97
2	13.5	4	23.6	3	18.1	MONTGOMERY	KS	74	-24	33	64	75
2*	107.1					PAWNEE	KS					
				1	24.8	PRATT	KS					84
		2	38.8	1	19.3	RENO	KS		-50			77
				1*	29.8	RICE	KS					89
		1	8.7			RILEY	KS					
		1	17.3			SALINE	KS					
8	18.6	7	10.7	10	11.1	SEDGWICK	KS	-43	4	-40	22	62
8	19.0	3	6.2	3	5.2	SHAWNEE	KS	-67	-16	-73	05	55
				1*	196.5	STEVENS	KS					99
31	24.1	29	19.5	35	22.3	WYANDOTTE	KS	-19	14	-8	45	81
203	20.1	198	19.3	183	17.5	KENTUCKY	KY	-4	-9	-13		
		2	66.2			ADAIR	KY					
2	33.4					BALLARD	KY					
		1	14.4	2	23.7	BARREN	KY		65			83
				1	49.2	BATH	KY					96
1	9.9	1	11.1	3*	39.5	BELL	KY	12	255	297	96	94
		1*	84.8	1*	74.3	BOONE	KY		-12			97
3	17.9	2	14.1	1	7.0	BOURBON	KY	-21	-50	-61	11	57
3*	62.9	1	18.1			BOYD	KY	-71				

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	13.5	1	8.4	1	12.8	BOYLE KY	-38	52	-5	46	65
1	23.6					BRECKINRIDGE KY					
1*	67.0					BULLITT KY					
2	24.3			2	33.5	CALDWELL KY			38	66	92
		2	32.9	2	65.4	CALLOWAY KY		160			98
1	23.8	1	11.2	1	16.7	CAMPBELL KY	-53	50	-30	29	73
				1*	172.0	CARROLL KY					99
2	3.6	2	4.2	7	13.7	CHRISTIAN KY	15	230	279	95	66
2	16.4	2	17.3			CLARK KY	5				
				1	112.4	CLAY KY					98
				1*	245.4	CLINTON KY					99
1	38.3			1	37.2	CUMBERLAND KY			-3	47	93
6	40.5					DAVIESS KY					
29*	31.3	21	22.5	26	25.1	FAYETTE KY	-28	11	-20	35	85
				1	37.7	FLOYD KY					93
3	37.1	1	12.4	2	18.7	FRANKLIN KY	-67	51	-49	17	76
1	16.3	1	10.6			FULTON KY	-35				
3*	75.6	1	19.1			GARRARD KY	-75				
1	11.2	2	24.7	1	7.5	GRAVES KY	122	-70	-33	27	57
1*	188.7					HANCOCK KY					
1	3.3	4*	85.9	1	6.7	HARDIN KY	2524	-92	106	82	57
1	4.1	3	14.1			HARLAN KY	247				
1	38.5	1	53.6	1	27.0	HARRISON KY	39	-50	-30	29	87
		1	17.2	1	24.4	HART KY		42			84
1	5.9	5	36.2	2	12.2	HENDERSON KY	511	-66	106	82	64
		1	22.9			HENRY KY					
				1	30.7	HICKMAN KY					90
5	22.2	5	27.5	1	6.5	HOPKINS KY	24	-76	-71	06	56
78*	24.7	93*	25.8	76	19.7	JEFFERSON KY	5	-24	-20	35	78
3	37.8					JESSAMINE KY					
3	14.1	6	28.0	5	29.6	KENTON KY	99	6	110	83	89
				1*	64.8	KNOTT KY					98
3*	159.7					KNOX KY					
		1	42.0			LARUE KY					
2*	131.2					LAUREL KY					
		1*	141.3			LAWRENCE KY					
2	34.3			1	15.8	LETCHER KY			-54	14	70
		1*	112.4			LIVINGSTON KY					
				3	23.2	LOGAN KY					82
				3*	108.9	LYON KY					98
3	7.8	4	14.8	3	11.0	MC CRACKEN KY	89	-26	40	67	62
1	7.0	4	29.8	2	16.0	MADISON KY	324	-46	128	86	71
				1	18.4	MARION KY					76
1	8.2	2	26.9			MASON KY	228				
1	49.2					MEADE KY					
1	17.0	1	35.1			MERCER KY	107				
4*	76.5	2	30.9	3*	53.1	MONTGOMERY KY	-60	72	-31	29	96
5*	61.1	1	10.8	2	43.6	MUHLENBERG KY	-82	306	-29	30	95
2	33.9	1	9.9	1	14.9	NELSON KY	-71	50	-56	13	68
2*	313.7					NICHOLAS KY					
		1	31.3			OHIO KY					
3*	82.2			1	29.8	OLDHAM KY			-64	08	89
				2*	136.2	OWEN KY					99
		1	17.2			PERRY KY					
1	28.1					PIKE KY					
		1	44.8			PULASKI KY					
1	8.7	2	23.7	3	25.4	SCOTT KY	174	7	194	91	85
2	17.6	3	37.1	1	9.2	SHELBY KY	110	-75	-48	18	59
2	41.5			2	27.1	SIMPSON KY			-35	25	87
1	49.2	1	149.1	1	57.3	SPENCER KY	203	-62	17	57	97
1	9.9					TODD KY					
2	21.9	1	16.7	2	31.7	TRIGG KY	-23	89	45	68	91
1	12.2	2	24.6	1	15.7	UNION KY	102	-36	29	63	70
2	9.0	5	28.2	2	8.2	WARREN KY	212	-71	-10	43	58
1	22.8			2	58.0	WASHINGTON KY			155	88	97
				1	44.6	WAYNE KY					95
1	6.9	1	12.3			WEBSTER KY	79				
				2*	228.3	WHITLEY KY					99
		1	8.6			WOODFORD KY					
834*	24.5	902*	23.9	1119*	26.8	LOUISIANA LA	-2	12	9		
9	30.5	3	8.6	8	21.6	ACADIA LA	-72	151	-29	29	80
5	27.6	4	20.8	8*	37.1	ALLEN LA	-25	79	34	64	93
13*	36.4	8	21.9	15*	43.3	ASCENSION LA	-40	97	19	59	95
9*	29.0	2	8.0	9*	38.2	ASSUMPTION LA	-72	376	32	64	94
7	21.9	12*	32.2	9	22.4	AVOYELLES LA	47	-30	3	50	81
1	9.4	4	27.9	3	18.4	BEAUREGARD LA	197	-34	96	81	76
13*	40.1	8	22.8	14*	37.8	BIENVILLE LA	-43	66	-6	45	93
10	15.6	10	17.7	9	16.0	BOSSIER LA	13	-10	2	50	71
68*	24.9	73	23.4	69	20.3	CADDO LA	-6	-13	-18	37	78
23*	28.3	26*	27.8	33*	30.7	CALCASIEU LA	-2	10	8	54	90
3	26.5	2	19.4	2	16.0	CALDWELL LA	-27	-17	-40	23	71
3*	114.1					CAMERON LA					
5	30.9	3	18.7	2	18.1	CATAHOULA LA	-39	-3	-41	21	75
7	16.1	9	21.3	15*	30.7	CLAIBORNE LA	32	44	91	80	90
9	22.2	11	27.9	4	9.2	CONCORDIA LA	26	-67	-59	12	59
12	20.6	9	15.4	12	17.9	DE SOTO LA	-25	16	-13	41	75
56*	30.1	65*	28.1	71*	23.6	EAST BATON ROUGE LA	-7	-16	-22	35	83
13*	33.0	15*	39.1	5	18.0	EAST CARROLL LA	18	-54	-45	19	75
3	6.9	5	10.4	4	10.0	EAST FELICIANA LA	51	-4	45	68	60
6	30.4	2	8.3	6	25.7	EVANGELINE LA	-73	209	-15	39	85
5	13.7	7	18.7	4	11.1	FRANKLIN LA	37	-41	-19	36	62
7*	51.8	4	30.4	6*	40.4	GRANT LA	-41	33	-22	34	94
16*	32.0	21*	40.8	17*	28.9	IBERIA LA	28	-29	-10	43	89
14	24.7	11	19.6	17*	30.0	IBERVILLE LA	-21	53	21	60	90
3	23.3	5	22.4	2	6.8	JACKSON LA	-4	-70	-71	06	57
16	26.1	19	17.8	85*	60.4	JEFFERSON LA	-32	239	131	86	97
8*	34.5	5	24.6	6	26.6	JEFFERSON DAVIS LA	-29	8	-23	33	86
10	20.8	19*	32.1	19	23.7	LAFAYETTE LA	54	-26	14	57	83

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NON-WHITE MALE

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ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
8*	39.6	10*	51.7	10*	44.5	LAFOURCHE	LA	31	-14	12	55	95
3	56.0	2	33.9	1	9.9	LA SALLE	LA	-39	-71	-82	02	60
7	19.0	9	22.0	11	21.0	LINCOLN	LA	16	-5	11	55	79
4	37.1	4	34.3	1	5.3	LIVINGSTON	LA	-8	-85	-86	01	56
16*	30.3	21*	47.9	7	20.1	MADISON	LA	58	-58	-33	27	78
11	19.8	12	19.6	8	15.4	MOREHOUSE	LA	-1	-22	-22	34	70
13	21.2	18*	31.8	13	20.5	NATCHITOCHES	LA	50	-36	-3	47	78
181*	25.4	219*	26.9	319*	33.2	ORLEANS	LA	6	24	31	64	91
28*	25.8	28	22.3	20	15.5	OUACHITA	LA	-13	-31	-40	23	70
3	19.4	5	29.3	11*	62.4	PLAQUEMINES	LA	51	113	221	93	97
10	22.3	7	15.9	5	13.1	POINTE COUPEE	LA	-29	-18	-41	21	65
20	14.1	27	19.7	34	24.2	RAPIDES	LA	40	23	72	75	84
4	17.2	3	12.9	4	16.8	RED RIVER	LA	-25	30	-2	48	73
8	19.3	8	20.7	6	15.8	RICHLAND	LA	8	-24	-18	37	71
2	10.3	2	9.1	4	14.6	SABINE	LA	-12	60	42	67	68
2	37.1	5*	77.5	1	8.5	ST BERNARD	LA	109	-89	-77	03	58
5	29.1	2	8.4	5	19.4	ST CHARLES	LA	-71	131	-33	27	77
2	9.6	4	19.0	3	14.2	ST HELENA	LA	99	-25	49	69	67
5	16.6	8	28.2	8	25.3	ST JAMES	LA	70	-10	53	70	85
3	9.7	7	23.7	11	33.0	ST JOHN THE BAPT	LA	145	39	242	94	91
28*	29.1	26	24.1	27	22.7	ST LANDRY	LA	-17	-6	-22	34	82
5	16.7	3	8.8	7	20.5	ST MARTIN	LA	-47	133	22	60	78
16	30.2	17*	30.8	24*	39.5	ST MARY	LA	2	28	31	64	94
9	29.1	8	21.6	4	9.2	ST TAMMANY	LA	-26	-57	-68	07	59
7	12.3	11	15.1	40*	51.7	TANGIPAHOA	LA	22	244	320	96	96
9	23.8	8	22.9	7	23.3	TENSAS	LA	-4	1	-2	48	82
14*	40.9	9	24.8	9	22.0	TERREBONNE	LA	-39	-11	-46	18	81
5	19.5	1	2.9	5	18.8	UNION	LA	-85	552	-4	46	76
5	28.7	6	33.4	10*	45.0	VERMILION	LA	17	35	57	71	95
2	23.6	3	29.3	5	50.5	VERNON	LA	24	72	114	84	96
15*	32.8	18*	33.5	16	28.1	WASHINGTON	LA	2	-16	-14	40	87
13	27.2	12	20.4	16	23.9	WEBSTER	LA	-25	17	-12	41	83
4	13.8	6	21.7	6	22.8	WEST BATON ROUGE	LA	57	5	65	73	82
2	16.2	2	17.5	1	8.2	WEST CARROLL	LA	8	-53	-49	17	58
6	25.5	4	13.7	1	4.5	WEST FELICIANA	LA	-46	-67	-82	02	55
5	26.8	5	20.0	5	16.8	WINN	LA	-25	-16	-37	24	73
2	15.7			2	6.3	MAINE	ME			-60		
1*	344.1					OXFORD	ME					
				2	41.4	PENOBSCOT	ME					95
1	38.5					WASHINGTON	ME					
326*	21.6	503*	25.1	631*	23.9	MARYLAND	MD	16	-5	10		
				1	14.9	ALLEGANY	MD					68
16	18.3	30	25.5	30	22.2	ANNE ARUNDEL	MD	39	-13	21	60	81
19*	30.5	19	25.7	18	13.6	BALTIMORE	MD	-16	-47	-55	14	66
2	11.5	2	10.5	4	18.4	CALVERT	MD	-9	76	60	72	76
4	25.4	6	38.7	5	29.4	CAROLINE	MD	52	-24	16	57	89
1	8.2			5	39.9	CARROLL	MD			368	97	94
		3	26.3	2	11.0	CECIL	MD		-58			62
3	12.8	4	13.6	9	22.0	CHARLES	MD	7	61	73	75	81
7	17.9	11	25.2	7	15.5	DORCHESTER	MD	40	-38	-14	40	70
3	16.5	3	14.1	3	11.6	FREDERICK	MD	-14	-16	-28	30	63
2	7.2	10*	39.4	7	16.8	HARFORD	MD	447	-57	133	87	73
3	23.5	2	9.4	5	20.8	HOWARD	MD	-60	121	-11	43	79
7*	37.2	2	9.9	3	14.0	KENT	MD	-73	42	-62	10	67
6	13.7	7	13.6	12	10.2	MONTGOMERY	MD	-1	-25	-26	32	61
8	11.2	13	8.1	40	11.7	PRINCE GEORGE'S	MD	-28	45	4	52	63
3	17.1	6	26.3	7	29.1	QUEEN ANNE'S	MD	54	11	70	74	89
5	24.6	3	11.1	7	20.0	ST MARY'S	MD	-55	81	-19	37	78
6	18.6	9	27.3	6	18.2	SOMERSET	MD	47	-33	-2	47	75
2	13.4	6	23.2	5	15.4	TALBOT	MD	73	-34	15	57	70
3	33.5	3	29.7	3	34.8	WASHINGTON	MD	-11	17	4	51	92
5	13.8	4	8.9	7	13.8	WICOMICO	MD	-36	56	0	49	66
9	31.2	6	18.4	9	26.4	WORCESTER	MD	-41	43	-15	39	86
212*	24.5	354*	30.0	436*	29.9	BALTIMORE CITY	MD	23	-1	22	60	89
93*	24.9	86	17.7	130	17.4	MASSACHUSETTS	MA	-29	-2	-30		
		3	26.9			BARNSTABLE	MA					
1	13.7			1	9.9	BERKSHIRE	MA			-27	31	60
4	20.4	4	15.4	3	7.6	BRISTOL	MA	-24	-51	-63	10	58
				1	28.1	DUKES	MA					88
5*	45.3	1	9.0	2	7.9	ESSEX	MA	-80	-12	-83	01	58
5	15.4	9	16.5	18	24.3	HAMPDEN	MA	7	47	58	72	84
12	23.7	10	18.1	9	8.3	MIDDLESEX	MA	-23	-54	-65	08	58
3	37.0	1	7.5	5	16.7	NORFOLK	MA	-80	123	-55	14	73
2	7.1	3	12.4	6	16.4	PLYMOUTH	MA	75	32	131	86	72
59*	29.7	55	21.2	83	22.4	SUFFOLK	MA	-28	5	-25	33	81
2	13.5			2	8.7	WORCESTER	MA			-35	25	59
349	18.8	406	14.9	638	17.1	MICHIGAN	MI	-21	15	-9		
				1	7.0	ALLEGAN	MI					57
				1	44.6	BARAGA	MI					95
1	53.6			2	76.9	BAY	MI			44	68	98
4	14.2	8	14.2	8	12.1	BERRIEN	MI	0	-15	-15	39	64
3	23.7	6	20.4	13	27.8	CALHOUN	MI	-14	36	17	58	87
5	28.6	2	10.4	2	6.8	CASS	MI	-63	-35	-76	04	57
		1	31.5	1	22.5	CHIPPEWA	MI		-29			81
1*	245.4			1*	133.9	DELTA	MI			-45	19	99
				1	12.7	EATON	MI					65
16	27.0	18	19.6	30	17.0	GENESEE	MI	-27	-13	-37	24	74
				1*	344.1	HOUGHTON	MI					99
1	9.6	4	16.4	12	28.3	INGHAM	MI	72	72	196	92	88
				1*	245.4	IOSCO	MI					99
		1	37.7	1	22.3	ISABELLA	MI		-41			81
3	12.4	4	14.5	3	11.8	JACKSON	MI	17	-18	-4	46	64

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	12.7	6	27.6	3	10.2	KALAMAZOO	MI	117	-63	-19	36	61
9	29.9	8	18.4	14	17.4	KENT	MI	-38	-5	-42	21	74
3	26.0	1	4.2	4	22.1	LAKE	MI	-84	428	-15	39	81
1*	68.8					MACKINAC	MI					
2	8.2	3	16.1	9	28.0	MACOMB	MI	95	74	239	94	87
		1*	112.4			MASON	MI					
				1	43.0	MECOSTA	MI					95
				1*	68.8	MENOMINEE	MI					97
				4	32.9	MONROE	MI					91
				2*	91.9	MONTCALM	MI					98
6	25.2	3	10.0	12	21.6	MUSKEGON	MI	-60	117	-14	40	80
2	57.5			1	12.2	NEWAYGO	MI			-79	03	64
13	23.9	7	15.4	24	17.7	OAKLAND	MI	-35	15	-26	32	75
				1	136.6	OCEANA	MI					99
9	13.8	12	19.6	17	22.4	SAGINAW	MI	42	14	62	73	81
3	36.5	4	34.9	4	28.2	ST CLAIR	MI	-4	-19	-23	33	88
		3	43.7	3	46.7	ST JOSEPH	MI		7			96
1*	267.9					TUSCOLA	MI					
1	6.9	6	28.3	2	7.5	VAN BUREN	MI	311	-73	9	54	57
5	21.7	1	1.9	10	15.6	WASHTENAW	MI	-91	703	-28	31	70
258	18.1	307	15.1	448	16.7	WAYNE	MI	-17	11	-8	44	73
25	20.2	24	14.9	18	7.4	MINNESOTA	MN	-27	-50	-64		
1*	188.7					ANOKA	MN					
2	53.1			2	36.3	BECKER	MN			-32	28	92
1	13.8	2	24.2			BELTRAMI	MN	76				
1	53.6					CARLTON	MN					
1	22.5	1	14.5	2	33.9	CASS	MN	-35	134	51	70	92
9	17.4	12	18.3	4	3.7	HENNEPIN	MN	5	-80	-79	03	55
		1*	424.0			HOUSTON	MN					
1*	188.7					LE SUEUR	MN					
		1*	67.0			MILLE LACS	MN					
1*	663.2					NORMAN	MN					
				1	5.8	OLMSTED	MN					56
1*	133.9					OTTER TAIL	MN					
5	14.3	5	11.1	9	16.6	RAMSEY	MN	-22	49	16	57	73
1*	56.2					REDWOOD	MN					
1	14.8	1	20.6			ST LOUIS	MN	40				
		1*	182.2			YELLOW MEDICINE	MN					
672*	20.0	632	18.9	568	16.7	MISSISSIPPI	MS	-6	-12	-16		
13	18.7	19	27.3	16	20.9	ADAMS	MS	46	-23	12	55	79
3	19.8			3	24.0	ALCORN	MS			21	59	83
3	10.6	2	5.9	2	5.8	AMITE	MS	-44	-2	-45	19	56
2	5.6	6	17.5	4	12.2	ATTALA	MS	213	-30	119	85	64
2	16.9	4	30.8	1	6.2	BENTON	MS	82	-80	-63	09	56
32	21.9	30	22.6	29	21.7	BOLIVAR	MS	3	-4	-1	49	80
1	9.3	3	24.4	3	28.7	CALHOUN	MS	162	18	208	92	88
4	14.7	2	10.5	4	16.6	CARROLL	MS	-29	59	13	56	73
3	8.5	4	14.4	4	16.5	CHICKASAW	MS	69	15	94	80	72
2	16.9	2	21.4			CHOCTAW	MS	27				
5	16.1	3	9.4	2	6.4	CLAIBORNE	MS	-41	-32	-60	11	56
4	14.8	4	13.6	1	2.7	CLARKE	MS	-8	-80	-82	02	54
3	8.0	7	20.4	7	22.2	CLAY	MS	155	9	177	90	81
39*	29.8	28	22.8	48*	42.5	COAHOMA	MS	-23	86	43	67	95
8	15.6	8	16.3	6	9.3	COPIAH	MS	4	-43	-41	22	59
2	10.5	1	6.1	2	10.3	COVINGTON	MS	-42	69	-2	47	61
7	13.8	10	20.7	6	12.2	DE SOTO	MS	50	-41	-11	42	64
11	23.4	7	11.6	25*	42.1	FORREST	MS	-50	263	80	77	95
3	18.4	4	24.0	5	38.4	FRANKLIN	MS	30	60	109	83	94
1	32.7	1	23.6	1	15.6	GEORGE	MS	-28	-34	-52	15	70
1	18.4					GREENE	MS					
8	24.1	7	19.6	10	25.7	GRENADA	MS	-18	31	7	53	85
		2	20.4	4	36.4	HANCOCK	MS		79			92
5	8.8	3	4.7	10	12.8	HARRISON	MS	-47	173	46	68	65
55*	25.9	60	24.0	54	18.1	HINDS	MS	-8	-24	-30	29	75
13	17.0	18	21.7	13	16.5	HOLMES	MS	27	-24	-3	47	72
9	17.0	6	13.5	4	9.2	HUMPHREYS	MS	-20	-32	-46	19	59
2	16.0	4	48.8	1	19.6	ISSAQUENA	MS	206	-60	23	60	77
1	24.8	3*	55.8	3*	53.2	ITAWAMBA	MS	125	-5	115	84	96
2	8.6	5	11.0	5	13.3	JACKSON	MS	28	20	54	71	66
8	26.3	7	21.2	7	23.9	JASPER	MS	-19	12	-9	43	83
10	31.1	3	8.2	2	5.1	JEFFERSON	MS	-74	-38	-84	01	55
		2	7.6	4	13.5	JEFFERSON DAVIS	MS		78			66
6	11.6	11	18.6	6	10.0	JONES	MS	61	-47	-14	40	60
10*	37.4	6	24.9	2	5.2	KEMPER	MS	-33	-79	-86	01	56
7	27.3	8	33.2	1	2.9	LAFAYETTE	MS	22	-91	-89	00	54
1	10.7	2	24.5	1	7.5	LAMAR	MS	128	-69	-50	29	57
14	16.1	15	17.6	15	18.2	LAUDERDALE	MS	10	3	13	56	75
3	17.1					LAWRENCE	MS					
6	25.1	4	14.1	8	24.7	LEAKE	MS	-44	75	-1	48	84
11	30.2	9	27.4	7	15.5	LEE	MS	-9	-44	-49	17	70
13	12.0	19	17.5	14	14.1	LEFLORE	MS	47	-19	18	58	67
5	15.1	5	17.0	3	8.9	LINCOLN	MS	13	-48	-41	22	59
17	33.5	7	11.4	11	19.1	LOWNDES	MS	-66	68	-43	20	77
9	10.6	15	20.3	22	28.1	MADISON	MS	90	39	164	89	88
7	29.0	4	13.4	3	10.8	MARION	MS	-54	-20	-63	09	62
9	15.5	8	14.8	7	12.8	MARSHALL	MS	-4	-14	-17	38	65
11	26.5	8	18.2	3	6.5	MONROE	MS	-31	-65	-76	04	56
8*	36.4	4	16.0	2	7.2	MONTGOMERY	MS	-56	-55	-80	02	57
8*	41.9	4	23.3	1	4.3	NESHOBA	MS	-44	-82	-90	00	55
7	29.8	5	18.9	2	5.1	NEWTON	MS	-37	-73	-83	01	55
13	26.6	9	22.0	3	10.2	NOXUBEE	MS	-17	-54	-62	10	61
14*	39.1	10	28.3	8	24.5	OKTIBBEHA	MS	-28	-14	-37	24	84
15	24.1	10	15.3	12	19.0	PANOLA	MS	-37	25	-21	35	77
2	10.1	2	11.1	3	16.8	PEARL RIVER	MS	10	51	66	74	73
1	10.5	1	9.2	2	19.1	PERRY	MS	-12	107	82	78	77
6	11.6	6	10.6	8	12.5	PIKE	MS	-8	17	7	53	64

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
4	30.7	1	6.7	4	31.7	PONTOTOC MS	-78	369	3	51	91
		4*	55.1			PRENTISS MS					
9	17.4	10	19.7	9	25.9	QUITMAN MS	13	31	49	69	86
8	15.9	7	12.8	4	7.6	RANKIN MS	-19	-41	-52	15	58
3	10.0	3	9.1	2	6.4	SCOTT MS	-9	-30	-36	24	56
10*	33.2	11*	42.9	3	12.4	SHARKEY MS	29	-71	-63	09	64
3	11.0	4	15.1	1	3.3	SIMPSON MS	37	-78	-70	06	54
2	16.2	2	19.0			SMITH MS	17				
		1	37.2	1	15.6	STONE MS		-58			70
30	26.4	23	22.8	7	10.3	SUNFLOWER MS	-14	-55	-61	11	61
7	11.5	13	23.4	5	11.4	TALLAHATCHIE MS	103	-51	-1	49	63
3	11.9	4	12.1	2	6.8	TATE MS	2	-44	-43	21	57
		2	19.7	1	6.7	TIPPAH MS		-66			56
		1	15.7	2	51.0	TISHOMINGO MS		225			96
15	21.7	9	21.1	4	13.4	TUNICA MS	-3	-37	-38	24	66
3	26.7	4	23.9	2	10.7	UNION MS	-10	-55	-60	11	62
3	17.9	5	28.0	4	19.2	WALTHALL MS	57	-32	7	53	77
26*	28.3	19	20.0	35*	37.3	WARREN MS	-29	86	32	64	93
47*	28.0	34	20.6	25	16.0	WASHINGTON MS	-26	-23	-43	20	71
4	20.6	2	8.4	5	20.9	WAYNE MS	-59	148	2	50	79
2	21.6	3	30.6	1	11.2	WEBSTER MS	42	-63	-48	18	63
2	6.0	9	28.0	6	17.2	WILKINSON MS	364	-39	185	91	74
3	11.5	2	5.5	6	21.1	WINSTON MS	-52	283	83	78	79
6	26.2	3	14.9	3	15.3	YALOBUSHA MS	-43	2	-42	21	69
17	21.4	19	26.8	6	9.0	YAZOO MS	25	-67	-58	12	59
299*	20.7	437*	25.0	459*	24.1	MISSOURI MO	21	-4	16		
1	9.2	1	10.4			AUDRAIN MO	13				
1*	112.4	1*	141.3			BATES MO	26				
3	17.9	5	32.4	5	31.0	BOONE MO	82	-5	73	76	90
4	22.0	3	21.8	6*	45.3	BUCHANAN MO	-1	108	106	82	95
7*	46.2	4	27.1	4	33.3	BUTLER MO	-41	23	-28	31	92
2	11.9	3	20.2	1	10.1	CALLAWAY MO	70	-50	-15	39	60
1	18.2	4*	74.2			CAPE GIRARDEAU MO	308				
2*	100.5			1	122.7	CARROLL MO			22	60	99
3	54.5	1	18.9	3*	50.2	CHARITON MO	-65	166	-8	45	96
1	21.2			1	17.7	CLAY MO			-17	38	75
		1	54.6			CLINTON MO					
2	27.7	1	7.3			COLE MO	-74				
1	6.6	1	13.4	2	48.6	COOPER MO	103	263	635	99	96
1*	74.3					DAVIESS MO					
		1	18.2			DUNKLIN MO					
				1	24.8	FRANKLIN MO					84
2	15.4	3	22.6	4	30.5	GREENE MO	47	35	98	81	90
		1	10.7	1	12.6	HOWARD MO		17			64
54	17.6	84	21.6	84	18.9	JACKSON MO	23	-12	8	53	77
		1	13.8	1	18.4	JASPER MO		34			76
		2	44.8			JEFFERSON MO					
1	49.7	2	89.0	1	28.4	JOHNSON MO	79	-68	-43	20	88
				1*	89.3	LACLEDE MO					98
4*	52.8	3	44.0			LAFAYETTE MO	-17				
				1	43.0	LEWIS MO					95
1	40.9	2	48.0	2	43.6	LINCOLN MO	12	-5	7	53	95
				1*	70.1	LIVINGSTON MO					97
1	22.5	1	44.6			MACON MO	98				
		1	10.4	1	11.1	MARION MO		6			62
6	23.5	3	25.1	3	25.6	MISSISSIPPI MO	7	2	9	54	85
		1*	24.8			MONITEAU MO					
				1	16.1	MONROE MO					71
		1	22.9			MONTGOMERY MO					
				1*	182.1	MORGAN MO					99
5	22.3	6	26.2	5	23.1	NEW MADRID MO	17	-12	4	51	82
1*	57.3					NEWTON MO					
		1*	424.0			OSAGE MO					
5	11.5	6	17.7	8	28.8	PEMISCOT MO	54	63	151	88	89
2	17.8			3	27.6	PETTIS MO			55	71	87
1*	114.7					PHELPS MO					
2	20.3			3	41.0	PIKE MO			102	82	94
3	38.0	4*	47.7	2	29.5	RANDOLPH MO	25	-38	-22	34	89
1	27.3	1	20.6			RAY MO	-25				
1	22.5	1	18.7			ST CHARLES MO	-17				
		1*	172.0			STE GENEVIEVE MO					
13	18.3	15	13.5	40	18.5	ST LOUIS COUNTY MO	-26	37	1	50	76
2	18.3	1	13.6	6*	60.8	SALINE MO	-26	346	232	94	97
2	23.5	2	15.1	2	14.0	SCOTT MO	-36	-7	-40	22	67
1	22.3			2	44.6	STODDARD MO			100	82	95
				2*	177.6	WARREN MO					99
2*	270.2					WASHINGTON MO					
				1*	89.3	WRIGHT MO					98
160*	23.2	268*	30.0	259*	28.6	ST LOUIS CITY MO	29	-5	23	61	88
12	17.8	24*	30.8	11	12.0	MONTANA MT	73	-61	-33		
2	29.3	7*	78.8	4	57.4	BIG HORN MT	169	-27	96	81	97
1	16.7					BLAINE MT					
1	28.7					CASCADE MT					
1*	267.9					FERGUS MT					
2	17.0	5	34.2	3	14.9	GLACIER MT	101	-57	-13	41	68
1	28.9					HILL MT					
1	23.6	3	64.7			LAKE MT	174				
		1*	245.4			PARK#MT					
		1*	74.5			POWELL MT					
1	12.4	1	12.6	2	31.0	ROOSEVELT MT	2	147	150	88	90
		2	53.9			ROSEBUD MT					
		1*	94.4			SANDERS MT					
		1*	106.0			SHERIDAN MT					
		1	56.2	1	37.8	SILVER BOW MT		-33			93
2*	94.3					VALLEY MT					
		1	24.4	1	11.6	YELLOWSTONE MT		-52			63

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	1970S
20	17.7	21	15.3	15	8.4	NEBRASKA NB	-13	-45	-53		
1*	112.4					BOYD NB					
15	17.9	18	18.0	9	6.8	DOUGLAS NB	1	-62	-62	10	57
		1	60.6	2*	121.5	KNOX NB		101			99
2	22.0	1	2.8	1	10.3	LANCASTER NB	-87	273	-53	15	61
				1	1.9	SARPY NB					54
2	37.0	1	12.6	2	38.5	THURSTON NB	-66	206	4	51	94
7	17.6	17	27.3	20	12.3	NEVADA NV	55	-55	-30		
4	31.8	9	31.1	11	10.2	CLARK NV	-2	-67	-68	07	61
		1*	112.4			DOUGLAS NV					
1	27.0	2	34.6	2	28.4	ELKO NV	28	-18	6	52	88
1	43.0			1	37.7	MINERAL NV			-12	41	93
		1*	136.6			PERSHING NV					
1	5.2	4	39.6	5	15.8	WASHOE NV	659	-60	203	92	71
				1	81.8	WHITE PINE NV					98
2	32.9	1	7.8			NEW HAMPSHIRE NH	-76				
1	68.3	1	21.3			ROCKINGHAM NH	-69				
1*	490.8					STRAFFORD NH					
256	19.0	325	16.4	413	15.2	NEW JERSEY NJ	-13	-8	-20		
21	17.4	22	14.9	31	21.4	ATLANTIC NJ	-14	44	24	61	80
7	15.0	11	13.5	11	7.6	BERGEN NJ	-10	-44	-50	16	58
3	8.5	11	22.8	11	17.9	BURLINGTON NJ	168	-21	111	83	75
16	16.5	21	13.1	36	18.4	CAMDEN NJ	-21	41	11	55	76
2	12.6	1	4.3	1	3.9	CAPE MAY NJ	-66	-8	-69	06	55
5	9.2	12	22.5	10	15.0	CUMBERLAND NJ	144	-34	62	73	69
92	21.9	135	22.0	149	17.5	ESSEX NJ	1	-20	-20	36	74
7	16.7	10	17.3	9	14.5	GLOUCESTER NJ	4	-16	-13	41	68
18	20.9	25	19.7	36	16.8	HUDSON NJ	-6	-15	-20	36	73
		1	18.1			HUNTERDON NJ					
20	25.1	10	7.6	20	10.5	MERCER NJ	-70	39	-58	12	61
3	4.5	7	9.0	8	7.3	MIDDLESEX NJ	99	-19	61	72	57
15	16.3	18	14.7	35	22.6	MONMOUTH NJ	-10	54	39	66	82
6	38.8	2	11.2	1	3.7	MORRIS NJ	-71	-67	-91	00	55
2	21.3	1	5.3	5	18.8	OCEAN NJ	-75	253	-12	42	76
7	17.8	9	8.1	15	10.9	PASSAIC NJ	-54	34	-39	23	62
3	12.1	2	4.7	3	6.6	SALEM NJ	-61	38	-46	19	56
2	9.5	2	6.8	3	9.5	SOMERSET NJ	-28	39	0	49	60
				1	106.0	SUSSEX NJ					98
26	26.9	24	18.0	27	12.9	UNION NJ	-33	-29	-52	15	65
1	68.8	1	22.3	1	49.1	WARREN NJ	-68	120	-29	30	96
28	17.3	34	17.1	45	8.7	NEW MEXICO NM	-1	-49	-50		
4	27.7	2	8.2	8	9.8	BERNALILLO NM	-70	19	-65	08	60
1	26.5	1	18.2	2	16.0	CHAVES NM	-31	-12	-40	23	71
1	36.4					CURRY NM					
		1	17.2			DONA ANA NM					
				1	4.8	EDDY NM					55
3	135.0	2	21.4			LEA NM	-84				
6	12.8	14	30.0	13	14.6	MC KINLEY NM	134	-51	14	56	68
				1	7.2	OTERO NM					57
3*	65.6	1	9.4	1	2.3	RIO ARRIBA NM	-86	-76	-97	00	54
3	16.1	3	16.3	10	34.7	SANDOVAL NM	1	112	115	84	92
7	25.1	7	19.0			SAN JUAN NM	-24				
		1	20.6	1	7.2	SANTA FE NM		-65			57
				1	4.6	TAOS NM					55
		2	9.9	7	19.5	VALENCIA NM		97			77
818*	22.7	1069	19.9	1331	16.7	NEW YORK NY	-12	-16	-26		
7	22.1	3	7.2	8	15.1	ALBANY NY	-67	109	-32	28	69
79	20.6	99	15.5	191	17.3	BRONX NY	-25	12	-16	39	74
5*	65.0	2	24.6	2	18.4	BROOME NY	-71	-25	-78	03	76
1	16.7			2	22.9	CATTARAUGUS NY			37	65	82
		1	15.2			CAYUGA NY					
				1	37.5	CHAUTAUQUA NY					93
1	15.7			2	9.2	CHEMUNG NY			-41	21	59
				1	38.2	CLINTON NY					93
7	21.3	2	3.8	6	8.9	DUTCHESS NY	-82	137	-58	12	59
30	16.3	42	15.5	58	16.0	ERIE NY	-5	3	-2	48	71
		2	24.2	1	12.8	FRANKLIN NY		-47			65
1*	74.3	1	86.0			FULTON NY	16				
				1	17.9	GREENE NY					75
146	20.3	171	13.9	287	15.8	KINGS(BROOKLYN) NY	-31	13	-22	34	71
3	6.6	10	13.6	26	20.4	MONROE NY	106	49	208	92	78
8	6.3	17	13.0	32	15.5	NASSAU NY	105	19	144	88	70
435*	30.8	528*	30.4	442*	21.4	NEW YORK(MANHATTAN) NY	-1	-30	-31	29	80
2	14.4	7	34.8	5	13.2	NIAGARA NY	142	-62	-8	44	65
1	5.1	3	16.9	3	11.6	ONEIDA NY	230	-32	126	86	63
3	11.3	10	28.7	17	29.6	ONONDAGA NY	154	3	163	89	89
				1	8.9	ONTARIO NY					59
4	19.4	7	23.4	5	9.3	ORANGE NY	20	-60	-52	15	59
		1	34.4	2	31.6	ORLEANS NY		-8			91
		1*	136.6	1	37.5	PUTNAM NY		-73			93
35	12.0	75	12.0	134	11.9	QUEENS NY	1	-1	-1	49	64
1	10.3			1	3.1	RENSSELAER NY			-69	06	54
9*	35.6	5	16.6	10	15.1	RICHMOND NY	-53	-9	-58	13	69
3	20.1	1	3.0	4	7.3	ROCKLAND NY	-85	147	-64	08	57
		1	49.1			ST LAWRENCE NY					
2	77.4	1	17.2			SARATOGA NY	-78				
1	10.7	3	43.6	2	15.7	SCHENECTADY NY	308	-64	47	69	70
		1*	172.0			SCHOHARIE NY					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2*	408.5					SCHUYLER	NY					
				1	28.7	STEUBEN	NY					88
7	7.0	17	10.5	30	15.2	SUFFOLK	NY	49	45	116	84	69
		2	22.0	2	17.6	SULLIVAN	NY		-20			74
1	14.9	1	16.6	2	24.6	TOMPKINS	NY	11	49	66	73	84
2	17.3	2	10.3	2	9.0	ULSTER	NY	-41	-13	-48	18	59
		1*	114.7			WASHINGTON	NY					
		3*	32.4	3	37.7	WAYNE	NY		16			93
22	15.4	49	23.7	46	13.9	WESTCHESTER	NY	54	-41	-10	43	66
364	11.0	750*	20.0	987*	22.4	NORTH CAROLINA	NC	82	12	104		
7	17.7	9	14.1	18	26.4	ALAMANCE	NC	-20	87	49	70	86
				1	21.0	ALEXANDER	NC					79
		1*	56.2			ALLEGHANY	NC					
5	14.0	8	20.6	6	14.6	ANSON	NC	47	-29	4	52	68
1*	57.3					ASHE	NC					
4	8.1	7	13.9	12	22.9	BEAUFORT	NC	73	65	184	91	82
5	9.3	12	25.7	8	16.9	BERTIE	NC	176	-34	81	78	73
3	6.5	5	11.9	7	16.3	BLADEN	NC	83	37	150	88	72
4	18.3	3	12.0	10*	35.0	BRUNSWICK	NC	-35	192	91	80	92
8	13.7	12	19.3	15	23.5	BUNCOMBE	NC	40	22	71	75	83
1	10.8	2	14.2	1	7.2	BURKE	NC	32	-49	-33	28	57
3	8.3	5	14.3	9	25.1	CABARRUS	NC	73	75	202	92	85
		1	5.8	2	14.0	CALDWELL	NC		141			67
1	16.3					CAMDEN	NC					
1	5.8	3	33.1	1	7.2	CARTERET	NC	468	-78	23	61	57
4	8.8	7	24.1	7	22.3	CASWELL	NC	175	-7	155	88	81
		4	19.6	4	13.7	CATAWBA	NC		-30			66
		5	17.3	6	16.5	CHATHAM	NC		-5			72
1	5.6	2	11.4	2	8.1	CHOWAN	NC	101	-29	43	68	58
3	8.1	9	18.6	11	23.3	CLEVELAND	NC	129	25	187	91	82
4	7.5	15	27.2	9	13.5	COLUMBUS	NC	263	-50	80	77	66
8	14.2	18*	32.8	16	25.6	CRAVEN	NC	131	-22	80	78	85
12	17.4	17	17.1	32	22.1	CUMBERLAND	NC	-2	29	27	62	81
3	35.8	4*	42.2	3	31.8	CURRITUCK	NC	18	-25	-11	42	91
		1	60.6			DARE	NC					
3	14.2	5	17.3	7	19.4	DAVIDSON	NC	22	12	37	65	77
4*	65.5	1	11.2	2	24.4	DAVIE	NC	-83	118	-63	09	84
4	6.5	9	21.4	6	11.7	DUPLIN	NC	229	-45	80	77	63
18	16.0	23	16.0	58*	33.2	DURHAM	NC	0	108	107	83	91
9	10.7	17	23.2	21	22.9	EDGECOMBE	NC	117	-2	113	83	82
14	9.6	27	15.5	52*	27.1	FORSYTH	NC	61	75	181	90	87
1	2.8	10	26.3	7	14.6	FRANKLIN	NC	832	-44	419	97	68
4	7.2	12	23.0	15	21.8	GASTON	NC	218	-5	201	92	80
		1	5.3	2	10.7	GATES	NC		100			61
2	4.8	12	25.0	14	23.9	GRANVILLE	NC	422	-4	399	97	83
1	6.5	3	15.1	4	17.4	GREENE	NC	131	15	167	89	74
14	9.7	45*	24.2	47	21.5	GUILFORD	NC	149	-11	122	85	80
7	7.6	13	14.1	26	25.9	HALIFAX	NC	85	84	239	94	86
4	11.2	10	25.0	13	27.3	HARNETT	NC	124	9	145	88	87
				1	18.1	HAYWOOD	NC					75
2	30.3	2	22.4	1	10.5	HENDERSON	NC	-26	-53	-65	08	61
2	5.0	8	19.6	9	15.8	HERTFORD	NC	288	-19	214	93	71
5	26.2	3	11.0	5	16.6	HOKE	NC	-58	51	-37	24	73
2	15.7	1	12.2	3	39.2	HYDE	NC	-22	222	150	88	94
2	5.8	6	15.7	12	28.8	IREDELL	NC	170	83	394	97	89
1	18.2			1	11.8	JACKSON	NC			-35	25	63
1	1.9	6	13.3	12	24.7	JOHNSTON	NC	608	85	1212	99	84
		2	12.1	8*	44.2	JONES	NC		266			95
4	28.3	2	7.7	4	17.4	LEE	NC	-73	125	-39	23	74
8	11.9	17	21.3	18	21.2	LENOIR	NC	80	-1	78	77	80
		2	31.5	5*	41.2	LINCOLN	NC		31			94
1	19.1	2	32.6	1	14.4	MC DOWELL	NC	70	-56	-25	33	67
		1	196.5			MACON	NC					
3	9.4	11	28.3	6	14.1	MARTIN	NC	202	-50	51	70	67
37	21.0	44	19.8	43	15.2	MECKLENBURG	NC	-6	-23	-28	31	69
1	2.6			8*	43.0	MONTGOMERY	NC			1572	99	95
1	2.8	11	30.0	19*	42.5	MOORE	NC	980	42	1432	99	95
5	7.0	16	21.3	27*	35.7	NASH	NC	205	67	410	97	92
8	14.1	23*	33.8	37*	44.5	NEW HANOVER	NC	140	31	215	93	95
6	14.8	15	28.7	10	19.1	NORTHAMPTON	NC	94	-33	29	63	77
1	7.0	1	2.6	6	20.0	ONSLOW	NC	-62	658	187	91	78
2	5.3	6	18.6	10	23.1	ORANGE	NC	247	24	331	96	82
1	5.0	1	9.9	1	7.6	PAMLICO	NC	97	-23	52	70	56
3	8.6	7	19.2	11	28.6	PASQUOTANK	NC	122	49	230	94	88
2	5.3	5	18.4	9	27.1	PENDER	NC	246	47	410	97	87
1	0.4	1	6.1	1	5.2	PERQUIMANS	NC	-5	-14	-18	37	56
3	9.3	4	17.5	9	29.1	PERSON	NC	88	66	212	93	89
9	8.8	26*	29.6	39*	40.0	PITT	NC	237	35	355	96	94
1	17.0	2	29.3	2	33.3	POLK	NC	72	13	95	80	91
		7*	38.1	3	15.9	RANDOLPH	NC		-58			71
3	10.0	9	25.5	14*	31.1	RICHMOND	NC	156	22	212	93	90
13	10.0	22	16.9	19	10.4	ROBESON	NC	70	-39	4	51	61
1	2.1	13	27.2	15	25.6	ROCKINGHAM	NC	1213	-6	1137	99	85
5	10.7	16*	32.3	10	15.6	ROWAN	NC	200	-52	45	68	70
		1	5.2	3	12.9	RUTHERFORD	NC		149			65
7	15.0	2	3.5	9	14.3	SAMPSON	NC	-77	311	-5	46	67
5	14.0	5	17.0	6	16.5	SCOTLAND	NC	21	-3	18	58	73
		2	11.8	2	7.7	STANLY	NC		-35			58
				3	42.2	STOKES	NC					95
				4	40.6	SURRY	NC					94
1	16.1	2	38.3			SWAIN	NC	138				
1	60.6	1	17.5			TRANSYLVANIA	NC	-71				
		2	28.7			TYRRELL	NC					
5	16.1	10*	30.6	6	16.3	UNION	NC	90	-47	1	50	72
6	18.9	6	13.2	12	22.5	VANCE	NC	-30	70	19	59	81
21	18.0	33	21.1	53*	28.1	WAKE	NC	18	33	56	71	88
3	6.4	14*	31.2	5	11.1	WARREN	NC	386	-64	73	75	62
		4	19.7	1	6.9	WASHINGTON	NC		-65			57

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S 1970S
				1	188.7	WATAUGA	NC				99
4	4.3	17	17.4	28*	27.3	WAYNE	NC	307	57	537	99 87
1	9.3	2	21.1	2	18.3	WILKES	NC	127	-13	97	81 75
10	15.1	19	24.4	17	22.4	WILSON	NC	61	-8	48	69 81
3*	88.7			2	23.5	YADKIN	NC			-74	04 83
5	18.7	2	5.9	2	4.5	NORTH DAKOTA	ND	-68	-23	-76	
3*	69.8					BENSON	ND				
1*	112.4					MORTON	ND				
		1*	273.2			RAMSEY	ND				
1	6.7			1	5.5	ROLETTE	ND			-18	37 56
		1	133.9	1	114.7	WARD	ND		-14		98
458	20.1	505	16.4	684	18.4	OHIO	OH	-18	12	-9	
2*	235.1					ADAMS	OH				
3	14.4	3	12.4	4	15.1	ALLEN	OH	-14	22	5	52 69
2	26.0			2	12.7	ASHTABULA	OH			-51	16 65
1	17.9	1	14.1			ATHENS	OH	-21			
4	30.8	1	14.9	1	11.5	BELMONT	OH	-52	-23	-63	09 63
		1	33.5			BROWN	OH				
5	15.4	2	5.0	5	14.0	BUTLER	OH	-67	178	-9	44 67
		1*	56.2	1*	212.0	CARROLL	OH		277		99
2	31.3					CHAMPAIGN	OH				
10	18.9	5	8.6	11	18.5	CLARK	OH	-55	116	-2	47 76
		3*	68.3	1	18.8	CLERMONT	OH		-72		76
1	11.8	2	26.1			COLUMBIANA	OH	121			
1	133.9					CRAWFORD	OH				
148*	21.6	180	18.0	248	20.5	CUYAHOGA	OH	-17	14	-5	46 78
2	11.7	2	10.5	2	7.5	ERIE	OH	-11	-28	-36	25 57
1	22.3	1	25.8	1	27.0	FAYETTE	OH	16	4	21	59 87
48	19.8	54	17.1	83	22.5	FRANKLIN	OH	-14	32	14	56 82
2	23.8			2	19.7	GALLIA	OH			-17	38 78
2	59.6			1	24.8	GEAUGA	OH			-58	12 84
4	18.5	6	24.4	3	10.6	GREENE	OH	32	-56	-43	21 61
		1	26.0			GUERNSEY	OH				
92*	22.9	99	19.0	97	16.3	HAMILTON	OH	-17	-14	-29	30 72
				1	53.6	HANCOCK	OH				96
1	36.4			1	18.7	HIGHLAND	OH			-49	17 76
				1	22.5	HURON	OH				81
				1*	70.7	JACKSON	OH				97
3	10.5	1	3.6	6	24.2	JEFFERSON	OH	-66	568	130	86 84
				1	44.6	KNOX	OH				95
3*	58.0	3	70.4	4	28.7	LAKE	OH	21	-59	-51	16 88
		2	18.6			LAWRENCE	OH				
1	18.4	1	17.1	2	23.7	LICKING	OH	-7	39	28	63 83
1	26.5	1	28.4	1	32.6	LOGAN	OH	7	15	23	61 91
5	13.2	5	12.8	9	14.9	LORAIN	OH	-3	17	13	56 69
22	19.9	27	18.0	34	16.2	LUCAS	OH	-10	-10	-19	36 72
2	44.6					MADISON	OH				
13	10.7	18	12.2	29	17.2	MAHONING	OH	14	41	60	72 74
		1	37.7			MARION	OH				
1	18.6	2*	107.8			MEIGS	OH	480			
		2	34.6	1	12.4	MIAMI	OH		-64		64
24	13.5	28	12.7	45	14.6	MONTGOMERY	OH	-6	15	8	54 68
		1	68.3			MORGAN	OH				
2	15.2	2	15.6	4	28.3	MUSKINGUM	OH	3	81	86	79 88
1*	60.6	1	66.2			OTTAWA	OH	9			
1	112.4					PAULDING	OH				
1	37.2					PICKAWAY	OH				
		1	70.1			PIKE	OH				
		2	32.0			PORTAGE	OH				
3	16.9	3	14.7	7	25.8	RICHLAND	OH	-13	76	53	71 86
2	14.3	2	14.0	1	4.5	ROSS	OH	-2	-68	-69	06 55
1	28.1	2	55.2	1	15.2	SANDUSKY	OH	97	-73	-46	18 69
3	33.8	2	27.1	1	12.6	SCIOTO	OH	-20	-54	-63	09 64
				1	18.6	SENECA	OH				76
8	18.9	9	14.0	20	23.5	STARK	OH	-26	67	24	61 83
21	22.8	16	9.6	41	22.5	SUMMIT	OH	-58	136	-1	48 82
8	28.1	7	14.4	8	14.2	TRUMBULL	OH	-49	-1	-49	17 67
		1	26.5	1	22.9	TUSCARAWAS	OH		-13		82
		1	15.8			WASHINGTON	OH				
		1	24.5			WAYNE	OH				
1	267.9			1	26.8	WOOD	OH			-90	00 86
		1*	424.0			WYANDOT	OH				
162	18.7	176	17.4	203	16.2	OKLAHOMA	OK	-7	-7	-13	
5*	38.7	3	22.5	2	12.5	ADAIR	OK	-42	-45	-68	07 64
2	34.0	2	46.2	2	31.0	ATOKA	OK	36	-33	-9	44 90
1	20.6			1	14.9	BLAINE	OK			-28	31 68
2	31.4					BRYAN	OK				
4	29.3	2	14.5	2	10.8	CADDO	OK	-50	-26	-63	09 62
1	15.7			3	42.7	CANADIAN	OK			171	89 95
6	29.3	6	26.1	4	19.1	CARTER	OK	-11	-27	-35	25 77
2	16.3	2	13.5	3	12.7	CHEROKEE	OK	-17	-6	-22	34 65
6	34.1			1	3.7	CHOCTAW	OK			-89	00 55
		2	94.1	2	28.1	CLEVELAND	OK		-70		88
				1	19.1	COAL	OK				77
2	9.2	3	15.1	8	25.9	COMANCHE	OK	64	72	182	90 86
3	14.3	9*	37.3	5	21.6	CREEK	OK	161	-42	51	70 80
		2	34.4	1	23.6	CUSTER	OK		-31		83
1	12.6	1	9.2	1	4.7	DELAWARE	OK	-27	-49	-63	10 55
				1*	106.0	DEWEY	OK				98
2	31.7	2	29.7	2	20.6	GARFIELD	OK	-6	-31	-35	25 79
1	21.0	2	26.5	1	9.0	GARVIN	OK	26	-66	-57	13 59
1	12.4	1	15.8	3	28.6	GRADY	OK	27	81	130	86 88
		1	49.2			HARMON	OK				
1	8.4	2	20.6			HUGHES	OK	147			

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
											%CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
2	32.1	1	13.7	3	40.6	JACKSON	OK	-57	197	26	62	94
				1	39.0	JOHNSTON	OK					94
2	21.1	1	8.8	1	8.1	KAY	OK	-58	-7	-61	10	58
		1	25.8			KINGFISHER	OK					
		1	21.5	2	23.7	KIOWA	OK		10			83
3	39.2					LE FLORE	OK					
		2	23.7			LINCOLN	OK					
5	20.6	3	21.1	6	45.7	LOGAN	OK	2	117	122	85	95
				2*	49.6	LOVE	OK					96
		1	49.7	1	21.4	MC CLAIN	OK		-57			80
5	15.4	3	8.3	2	5.3	MC CURTAIN	OK	-46	-36	-66	07	56
2	11.1	2	18.8	2	9.6	MC INTOSH	OK	69	-49	-14	40	60
				3	17.5	MAYES	OK					74
				1	19.1	MURRAY	OK					77
21	23.6	18	22.6	13	15.8	MUSKOGEE	OK	-4	-30	-33	27	71
		1	27.3	3*	93.0	NOBLE	OK		241			98
2	23.6	4*	41.0	1	7.5	NOWATA	OK	74	-82	-68	07	57
4	17.7	1	3.9	1	4.1	OKFUSKEE	OK	-78	5	-77	03	55
24	22.5	24	14.6	46	19.0	OKLAHOMA	OK	-35	30	-16	39	77
11	27.5	15*	42.1	8	22.2	OKMULGEE	OK	53	-47	-20	36	81
1	14.5	2	15.4	3	14.8	OSAGE	OK	6	-4	2	50	68
2	56.4			4*	84.0	PAWNEE	OK			49	69	98
3	22.4	2	12.0	5	23.9	PITTSBURG	OK	-47	100	7	53	83
2	23.0	2	30.0	4	31.1	PONTOTOC	OK	30	3	35	64	90
4	39.3	2	15.1	2	13.8	POTTAWATOMIE	OK	-62	-9	-65	08	66
1	47.2					PUSHMATAHA	OK					
		1	18.7	3	20.6	ROGERS	OK		10			79
3	20.8	6	27.5	6	26.7	SEMINOLE	OK	32	-3	28	63	86
1	7.9	4	29.7	2	11.1	SEQUOYAH	OK	278	-63	42	67	62
1	38.2	3*	63.5	1	15.8	STEPHENS	OK	66	-75	-59	12	70
		4*	57.1	1	8.0	TILLMAN	OK		-86			58
18	18.7	26	19.3	28	16.3	TULSA	OK	3	-16	-13	41	72
1	3.4	5	31.1	1	3.6	WAGONER	OK	822	-89	6	52	54
3	37.3	1	9.3	4	27.2	WASHINGTON	OK	-75	194	-27	31	87
1*	188.7					WASHITA	OK					
20	17.6	23	15.6	33	13.2	OREGON	OR	-12	-15	-25		
		1	31.5	2	21.1	CLACKAMAS	OR		-33			79
1	68.8	1	45.5			CLATSOP	OR	-34				
				1	18.2	DOUGLAS	OR					75
				1*	112.4	HARNEY	OR					98
1	38.5					JEFFERSON	OR					
1	13.3			1	9.8	KLAMATH	OR			-27	31	60
				3	28.7	LANE	OR					88
1	9.3			1	20.6	MALHEUR	OR			122	85	79
				1	7.3	MARION	OR					57
14	20.6	21	22.3	21	15.3	MULTNOMAH	OR	8	-31	-25	32	70
				1	34.4	POLK	OR					92
2	43.5					UMATILLA	OR					
				1	14.9	WASHINGTON	OR					68
540*	19.9	801*	22.9	1053*	26.1	PENNSYLVANIA	PA	15	14	31		
109	20.5	175*	27.2	179*	26.2	ALLEGHENY	PA	32	-4	27	62	86
2	44.6	1	15.1	1	10.7	ARMSTRONG	PA	-66	-29	-76	04	62
4	19.7	8	30.5	17*	36.0	BEAVER	PA	55	18	83	78	92
3	19.6	6	29.4	3	9.8	BERKS	PA	50	-67	-50	16	60
1	17.0	1	14.6			BLAIR	PA	-14				
5	44.2	3	18.3	7	26.0	BUCKS	PA	-59	42	-41	22	86
1	5.6	2	23.7	2	15.2	CAMBRIA	PA	326	-36	172	90	69
8	10.7	14	20.4	25*	29.6	CHESTER	PA	91	45	176	90	89
		1	53.6			CLEARFIELD	PA					
		1*	589.6			COLUMBIA	PA					
1	20.4	1	15.7	1	21.5	CRAWFORD	PA	-23	37	5	52	80
				4*	63.6	CUMBERLAND	PA					97
17	23.6	17	19.1	22	23.7	DAUPHIN	PA	-19	24	0	49	83
28	23.8	31	20.4	47	25.8	DELAWARE	PA	-14	26	8	54	86
3	26.1	4	26.6	7	21.0	ERIE	PA	2	-21	-19	36	79
3	6.2	7	14.4	7	21.7	FAYETTE	PA	132	50	249	95	80
				1	10.9	FRANKLIN	PA					62
1	38.2	1	70.7			HUNTINGDON	PA	85				
1	31.5	1	12.8	1	15.8	LACKAWANNA	PA	-59	23	-50	16	71
1	6.5	7*	47.2	5	17.5	LANCASTER	PA	622	-63	167	69	74
4	33.3	1	7.2	2	15.1	LAWRENCE	PA	-78	111	-55	14	69
		1	37.3	1	11.9	LEBANON	PA		-68			64
		1	11.0	1	9.6	LEHIGH	PA		-13			60
1	18.4	1	12.3	1	12.2	LUZERNE	PA	-33	-1	-34	26	64
		3*	49.5	1	7.5	LYCOMING	PA		-85			57
2	10.2	4	19.1	3	10.7	MERCER	PA	87	-44	5	52	62
		1*	89.3			MIFFLIN	PA					
9	15.8	23	26.9	22	20.4	MONTGOMERY	PA	70	-24	29	63	78
				1*	112.4	MONTOUR	PA					98
		1	11.9	4	23.6	NORTHAMPTON	PA		99			83
3*	284.5					NORTHUMBERLAND	PA					
311	20.3	455*	22.1	661*	27.5	PHILADELPHIA	PA	9	25	36	65	87
		1*	273.3	1*	163.6	POTTER	PA		-40			99
				1	54.2	SCHUYLKILL	PA					96
		1*	56.2	2*	91.8	SOMERSET	PA		63			98
		1*	182.1			TIOGA	PA					
		1	49.2			VENANGO	PA					
				1*	56.2	WARREN	PA					97
10	22.4	10	20.6	13	30.3	WASHINGTON	PA	-8	47	35	65	90
1	31.3					WAYNE	PA					
7	21.5	9	25.9	4	12.2	WESTMORELAND	PA	20	-53	-43	20	64
4	35.8	6	40.0	5	17.7	YORK	PA	12	-56	-51	16	75
19*	32.6	15	19.3	8	7.0	RHODE ISLAND	RI	-41	-64	-78		
1*	133.9					BRISTOL	RI					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE	PATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	89.3					KENT	RI					
4	49.5	3	30.0	2	23.9	NEWPORT	RI	-39	-21	-52	15	83
13	30.1	10	17.5	6	6.4	PROVIDENCE	RI	-42	-63	-79	03	56
		2	28.0			WASHINGTON	RI					
388	16.3	422	17.1	506	18.0	SOUTH CAPOLINA	SC	5	5	11		
4	17.6	5	21.6	4	16.1	ABBEVILLE	SC	22	-25	-9	44	72
13	20.5	18	25.8	13	13.5	AIKEN	SC	26	-48	-34	26	66
		1	4.0	3	11.7	ALLENDALE	SC		196			63
9	16.6	9	12.9	12	16.8	ANDERSON	SC	-22	30	1	50	73
2	7.7	4	13.4	4	13.4	BAMBERG	SC	73	0	74	76	66
5	17.4	5	17.3	2	6.6	BARNWELL	SC	-1	-62	-62	10	56
10	21.1	13	28.1	8	12.5	BEAUFORT	SC	33	-56	-41	22	64
8	12.8	9	15.5	21*	33.8	BERKELEY	SC	21	118	163	89	92
4	14.7	3	14.6	2	7.9	CALHOUN	SC	-1	-46	-46	18	58
35	16.7	44	19.0	72*	27.7	CHARLESTON	SC	13	46	65	73	87
3	14.3	2	9.0	1	4.4	CHEROKEE	SC	-37	-51	-69	06	55
6	12.2	3	8.1	5	14.0	CHESTER	SC	-34	73	14	57	67
7	16.5	4	10.0	5	12.3	CHESTERFIELD	SC	-39	23	-26	32	64
10	21.4	8	15.9	6	10.5	CLARENDON	SC	-26	-34	-51	16	61
7	16.2	5	13.8	2	3.5	COLLETON	SC	-15	-75	-79	03	54
3	5.2	9	13.3	10	14.6	DARLINGTON	SC	158	10	183	91	68
8	23.3	2	6.3	5	13.9	DILLON	SC	-73	122	-40	22	66
2	5.0	9	24.7	7	15.4	DORCHESTER	SC	394	-38	208	92	70
5	14.9	3	11.3	8	27.4	EDGEFIELD	SC	-24	143	84	79	87
9	21.7	7	16.9	6	14.4	FAIRFIELD	SC	-22	-15	-34	26	67
11	9.4	14	12.7	13	11.1	FLORENCE	SC	35	-12	18	58	62
7	18.1	6	13.2	9	14.8	GEORGETOWN	SC	-27	12	-18	37	68
19	17.0	21	17.1	32	23.3	GREENVILLE	SC	0	37	37	65	83
2	5.5	6	13.2	13	23.2	GREENWOOD	SC	140	75	321	96	82
7	25.2	4	13.6	5	16.6	HAMPTON	SC	-46	22	-34	26	73
1	2.9	11	22.6	8	17.5	HORRY	SC	684	-23	507	98	74
3	14.0	5	18.1	7	23.3	JASPER	SC	29	29	66	74	82
5	10.8	9	21.4	9	19.6	KERSHAW	SC	98	-8	82	78	77
8	26.5	9	29.0	2	6.5	LANCASTER	SC	9	-78	-75	04	56
7	16.5	9	18.5	10	19.0	LAURENS	SC	12	3	15	57	77
5	10.9	8	24.2	3	9.8	LEE	SC	123	-60	-10	43	60
7	20.5	5	15.7	6	15.0	LEXINGTON	SC	-23	-4	-27	31	69
2	10.0	2	12.3	5	32.5	MC CORMICK	SC	23	164	224	93	91
12	26.3	13	25.3	18*	30.7	MARION	SC	-4	21	17	57	90
4	10.9	5	17.9	5	11.2	MARLBORO	SC	64	-37	3	50	63
5	13.9	10	24.6	4	10.6	NEWBERRY	SC	78	-57	-24	33	61
4	24.9	2	12.4	3	17.8	OCONEE	SC	-50	44	-29	30	75
24	23.1	27	25.2	33	25.6	ORANGEBURG	SC	9	2	11	55	85
6*	37.9	2	10.8	5	22.5	PICKENS	SC	-71	108	-41	22	81
24	14.4	31	15.7	51	19.7	RICHLAND	SC	10	25	37	65	78
8*	38.4	2	12.1			SALUDA	SC	-69				
19	18.4	20	16.5	26	20.3	SPARTANBURG	SC	-10	23	10	55	78
23*	21.8	17	16.7	23	20.7	SUMTER	SC	-23	24	-5	46	79
5	18.2	5	16.8	4	15.1	UNION	SC	-8	-10	-17	38	69
10	11.5	9	13.5	7	10.7	WILLIAMSBURG	SC	17	-21	-7	45	62
10	15.0	7	10.0	9	13.4	YORK	SC	-33	34	-11	43	66
22	26.7	20	23.1	20	20.7	SOUTH DAKOTA	SD	-13	-11	-23		
1	28.8	1	94.4			BENNETT	SD	228				
		1	38.3	1	21.3	BUFFALO	SD		-44			80
2	55.6			4*	94.2	CHARLES MIX	SD			69	74	98
2	28.2			1	14.5	CORSON	SD			-49	18	68
		1*	188.7	1*	267.9	DAY	SD		42			99
		3	62.5			DEWEY	SD					
				1	53.0	FALL RIVER	SD					96
		1	54.5	2*	173.8	HUGHES	SD		219			99
2	48.4	1	14.9	1	112.4	MELLETTE	SD	-69	656	132	87	98
1	54.5			1	10.5	PENNINGTON	SD			-81	02	61
		1	16.4			ROBERTS	SD					
7*	40.8	6	29.1	5	21.3	SHANNON	SD	-29	-27	-48	18	80
5*	56.6	3	25.5	1	8.2	TODD	SD	-55	-68	-86	01	58
		2*	143.4			TRIPP	SD					
2*	64.0			2*	68.5	ZIEBACH	SD			7	53	97
400	18.3	479	19.8	648*	24.9	TENNESSEE	TN	9	25	36		
1	29.8			1	11.1	ANDERSON	TN			-63	09	62
1	6.9	2	15.1	2	14.2	BEDFORD	TN	120	-6	106	82	67
1*	67.0	1*	54.5			BENTON	TN	-19				
				1*	94.4	BLEDSOE	TN					98
		2	18.5	1	6.7	BLOUNT	TN		-64			57
1	18.9	3	46.8	1	13.3	BRADLEY	TN	148	-72	-29	29	66
		2*	176.1	2*	180.4	CAMPBELL	TN		2			99
3	18.1	5	29.4	2	14.1	CARROLL	TN	62	-52	-22	34	67
		1	60.7			CARTER	TN					
1	17.9	1	22.5	1	16.3	CHESTER	TN	26	-27	-9	44	72
1*	85.2					CLAIBORNE	TN					
		1	38.3			COCKE	TN					
1	23.4			2	41.4	COFFEE	TN			77	77	95
2	15.7	2	14.7	1	12.3	CROCKETT	TN	-7	-16	-22	34	64
49	17.1	45	13.8	54	15.1	DAVIDSON	TN	-20	9	-12	42	69
		2*	105.9			DE KALB	TN					
1	15.2					DICKSON	TN					
7	31.2	4	17.3	4	18.8	DYER	TN	-45	9	-40	23	76
12	18.1	8	13.3	9	17.7	FAYETTE	TN	-26	32	-3	47	75
2	19.4	1	9.9	4	50.4	FRANKLIN	TN	-49	408	160	88	96
9	21.5	9	21.3	11	27.3	GIBSON	TN	-1	28	27	62	87
4	16.9	1	7.9	4	24.6	GILES	TN	-53	210	46	68	84
1	38.2					GREENE	TN					
1	14.9			1	9.8	HAMBLEN	TN			-34	26	60
30	18.4	35	20.2	24	11.7	HAMILTON	TN	10	-42	-36	24	63
4	12.9	2	5.7	1	2.5	HARDEMAN	TN	-56	-56	-81	02	54

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NON-WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE				PERCENTILE
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
				2	43.8	HARDIN	TN					95
2	43.8	1	21.2			HAWKINS	TN	-52				
12	26.5	8	14.8	4	10.0	HAYWOOD	TN	-44	-33	-62	10	60
1	9.9	2	34.1	1	13.2	HENDERSON	TN	246	-61	34	64	65
1	5.4			2	11.8	HENRY	TN			121	85	64
				1	24.6	HICKMAN	TN					84
2*	72.5	1	29.8			HUMPHREYS	TN	-59				
1*	89.3					JACKSON	TN					
		2	48.2	1	26.8	JEFFERSON	TN		-44			86
1*	86.0					JOHNSON	TN					
16	17.2	19	19.0	14	13.9	KNOX	TN	10	-27	-19	36	66
2	16.1	1	12.1	3	50.2	LAKE	TN	-25	314	212	93	96
8	22.7	2	5.1	5	15.4	LAUDERDALE	TN	-77	200	-32	28	70
1*	133.9					LEWIS	TN					
1	7.0	2	14.6	2	15.3	LINCOLN	TN	108	5	118	84	69
		1	54.6			LOUDON	TN					
1	12.8			3	35.2	MC MINN	TN			176	90	92
2	32.4			1	13.4	MC NAIRY	TN			-59	12	66
14	17.4	14	15.9	16	17.3	MADISON	TN	-9	9	-1	49	74
1	15.0	4*	63.0	1	24.8	MARION	TN	321	-61	66	73	84
		2	19.6	2	28.9	MARSHALL	TN		48			89
6	16.2	6	15.7	6	15.2	MAURY	TN	-3	-3	-6	45	69
2	73.6	1	23.6	2	62.3	MONROE	TN	-68	164	-15	39	97
4	10.1	3	7.4	5	11.7	MONTGOMERY	TN	-27	59	17	57	63
1*	188.7			1*	62.9	MOORE	TN			-67	07	97
2	13.5	2	12.1	5	30.2	OBION	TN	-10	149	124	85	90
		1	42.4			PUTNAM	TN					
		1	53.6	1	54.6	RHEA	TN		2			97
1	12.7			1	14.4	ROANE	TN			13	56	67
		2	8.9			ROBERTSON	TN					
7	23.6	3	9.9	6	17.9	RUTHERFORD	TN	-58	81	-24	33	75
				1*	106.0	SEVIER	TN					98
139	17.7	244*	27.0	411*	40.1	SHELBY	TN	53	48	126	86	94
1	42.0	2*	50.2			SMITH	TN	19				
3	38.4	4	39.3	2	16.3	SULLIVAN	TN	3	-59	-57	13	72
2	11.4	6	27.3	2	9.8	SUMNER	TN	140	-64	-14	40	60
7	17.3	3	7.0	8	19.7	TIPTON	TN	-59	179	14	56	77
1	22.3	1	24.6	1	14.9	TROUSDALE	TN	10	-39	-33	27	68
3*	49.4			1	14.5	WARREN	TN			-71	06	68
5	33.5	6	27.0	3	21.0	WASHINGTON	TN	-19	-22	-37	24	79
5*	49.0	6*	66.7	2	28.5	WEAKLEY	TN	36	-57	-42	21	88
11*	51.5	1	5.0	1	4.5	WILLIAMSON	TN	-90	-10	-91	00	55
2	19.8	1	3.9	5	23.3	WILSON	TN	-80	493	17	58	82
765	18.4	829	16.8	1025	14.6	TEXAS	TX	-9	-13	-21		
4	9.3	4	8.4	6	12.7	ANDERSON	TX	-10	52	37	65	65
2	12.2	1	2.7	5	12.8	ANGELINA	TX	-78	383	5	52	65
		1*	112.4			ARANSAS	TX					
3	20.8	2	16.2	4	27.7	AUSTIN	TX	-22	71	33	64	87
4	12.6	5	19.3	3	10.3	BASTROP	TX	53	-46	-18	37	61
		1*	212.0			BAYLOR	TX					
7	26.5	4	11.5	9	17.0	BELL	TX	-57	48	-36	25	74
28	22.1	26	13.9	42	10.5	BEXAR	TX	-37	-25	-53	15	61
11	18.2	8	12.6	18	22.6	BOWIE	TX	-30	79	24	62	82
6	19.8	11	28.9	8	14.3	BRAZORIA	TX	46	-51	-26	31	67
4	10.4	4	8.8	2	3.7	BRAZOS	TX	-16	-58	-64	08	55
		2	36.2			BROWN	TX					
4	20.1	3	14.1	2	11.0	BURLESON	TX	-30	-22	-45	19	62
5	34.2	1	5.6	2	9.9	CALDWELL	TX	-83	76	-71	06	60
1	20.7			1	62.9	CALHOUN	TX			204	92	97
1	15.5			1	11.5	CAMERON	TX			-26	32	63
2	14.2	2	10.8	2	9.4	CAMP	TX	-24	-13	-33	27	60
3	9.3	6	15.2	5	12.7	CASS	TX	64	-16	37	66	65
1*	106.0					CASTRO	TX					
				6*	59.3	CHAMBERS	TX					97
2	5.9	4	9.4	6	11.2	CHEROKEE	TX	59	19	89	79	63
4*	174.3	2*	77.4			CHILDRESS	TX	-56				
		1*	94.4			COCHRAN	TX					
		3	16.0	4	19.5	COLLIN	TX		22			77
6	30.8	3	13.0	3	16.2	COLORADO	TX	-58	25	-47	18	72
				5*	119.9	COOKE	TX					98
		1	16.4	1	31.5	COPYELL	TX		92			91
1	106.0			1	53.6	COTTLE	TX			-49	17	96
		2*	73.1	1	28.7	CROSBY	TX		-61			88
73	19.2	109	20.2	130	17.4	DALLAS	TX	5	-14	-10	43	74
1	21.1	1	18.1			DAWSON	TX	-14				
1	28.8	1	26.5	1	18.6	DELTA	TX	-8	-30	-35	25	76
3	34.9			6	36.0	DENTON	TX			3	51	92
2	13.8	6	31.5	3	15.1	DE WITT	TX	129	-52	10	54	69
		1	53.6			DICKENS	TX					
1	43.0					EASTLAND	TX					
		3	29.0	4	15.4	ECTOR	TX		-47			70
6	13.6	8	18.4	9	19.1	ELLIS	TX	35	3	40	67	77
2	10.9	7	34.7	4	1.2	EL PASO	TX	218	-96	-89	00	54
4	11.8	5	17.2	5	13.6	FALLS	TX	46	-21	15	57	66
2	14.4					FANNIN	TX					
2	9.7	5	27.7	2	10.3	FAYETTE	TX	186	-63	6	53	61
1	39.7					FISHER	TX					
7	19.2	3	8.2	9	16.3	FORT BEND	TX	-57	99	-15	39	72
		1	84.8			FRANKLIN	TX					
3	8.9	5	17.4	4	12.3	FREESTONE	TX	95	-29	38	66	64
17	20.2	56*	48.0	29	16.8	GALVESTON	TX	137	-65	-17	38	73
				1	74.5	GARZA	TX					98
1	24.6	1	109.3	1	21.0	GOLIAD	TX	345	-81	-15	40	79
3	15.4	3	17.0	3	19.1	GONZALES	TX	10	12	24	61	77
				1	28.1	GRAY	TX					88
2	5.7	2	5.8	5	16.0	GRAYSON	TX	2	174	181	90	71
5	8.1	8	12.2	10	13.7	GREGG	TX	51	12	69	74	66
11*	41.1	2	6.6	6	25.0	GRIMES	TX	-84	279	-39	23	85

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NON-WHITE MALE

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ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	11.5	5	27.6	4	16.2	GUADALUPE TX	139	-41	41	67	72
				1	14.9	HALE TX					68
				1	21.0	HALL TX					79
1	33.5					HARDEMAN TX					
1	6.8	3	15.5	4	24.7	HARDIN TX	128	59	263	95	84
162*	27.2	144	15.5	180	13.2	HARRIS TX	-43	-15	-52	15	65
12	14.0	11	11.4	16	16.8	HARRISON TX	-18	47	20	59	73
3*	60.2	2	49.6	1	16.1	HAYS TX	-18	-68	-73	05	72
7*	36.2	3	14.2	6	24.2	HENDERSON TX	-61	70	-33	27	84
1	18.6					HIDALGO TX					
4	19.9			4	25.9	HILL TX			30	63	86
1	42.4			3	37.6	HOCKLEY TX			-11	42	93
1*	344.1					HOOD TX					
1	12.6	2	23.3	1	9.9	HOPKINS TX	85	-57	-21	35	60
4	9.3	4	9.5	4	9.0	HOUSTON TX	2	-5	-3	46	59
				2	12.7	HOWARD TX					64
4	15.5	1	3.5	4	13.4	HUNT TX	-77	281	-14	41	66
1	15.7	1	10.8	3	28.7	JACKSON TX	-32	166	82	78	88
5	22.6	5	19.4	3	10.4	JASPER TX	-14	-46	-54	14	61
44*	27.7	39	17.1	68*	26.6	JEFFERSON TX	-38	55	-4	46	86
				1	16.1	JIM WELLS TX					71
1	10.6					JOHNSON TX					
		1	18.8			JONES TX					
5	14.3	6	13.7	7	20.4	KAUFMAN TX	-4	49	43	67	78
1	38.3			1	14.5	KERR TX			-62	10	68
1*	89.3					KINNEY TX					
				3	37.0	KLEBERG TX					93
4	11.2	7	18.4	12*	34.9	LAMAR TX	64	90	212	93	92
1	31.5	2	31.9	1	15.7	LAMB TX	1	-51	-50	16	70
1	9.4	2	19.2	1	6.2	LAVACA TX	103	-67	-34	26	56
1	8.6	1	8.0	1	10.7	LEE TX	-6	33	24	61	61
6	26.8	2	12.9			LEON TX	-52				
7	23.4	9	27.4	11*	33.3	LIBERTY TX	17	21	42	67	92
4	13.3	6	16.7	4	15.7	LIMESTONE TX	25	-6	18	58	70
4	19.2	6	18.1	9	16.9	LUBBOCK TX	-5	-7	-12	42	73
1	38.2			1	37.5	MC CULLOCH TX			-2	48	93
22	23.3	21	19.3	23	18.6	MC LENNAN TX	-17	-4	-20	35	76
2	17.3	4	35.4	3	22.5	MADISON TX	104	-36	30	63	82
4	18.2	2	7.9	4	19.4	MARION TX	-56	146	7	53	77
5	22.3	6	23.9	5	15.9	MATAGORDA TX	7	-33	-29	30	71
4	34.2	2	14.3	4	13.1	MIDLAND TX	-58	-8	-62	10	65
4	17.9	1	4.0	5	31.4	MILAM TX	-78	682	75	76	91
		1	36.4			MITCHELL TX					
4	14.3	4	15.1	8	25.6	MONTGOMERY TX	6	70	79	77	85
		3	21.2	3	16.4	MORRIS TX		-23			72
5	16.0	3	8.3	1	2.2	NACOGDOCHES TX	-48	-73	-86	01	54
6	14.4	7	13.4	8	17.5	NAVARRO TX	-7	31	21	60	74
1	5.4	4	25.2	5	31.3	NEWTON TX	370	24	484	98	90
1	94.4			2	46.7	NOLAN TX			-51	16	96
2	3.7	5	9.9	7	6.5	NUECES TX	170	-34	77	76	56
3	29.2			8	28.5	ORANGE TX			-3	47	88
1	23.4			1	14.3	PALO PINTO TX			-39	23	67
2	9.4	2	8.1	5	20.5	PANOLA TX	-14	153	118	84	78
5	25.1	6	32.9	3	11.8	POLK TX	31	-64	-53	14	63
4	17.0	6	25.0	4	11.8	POTTER TX	47	-53	-31	29	63
		3*	270.8			RAINS TX					
1*	172.0					REAGAN TX					
6	27.6	3	12.6	4	14.9	RED RIVER TX	-54	18	-46	18	69
		1	44.6			REEVES TX					
1	23.6					REFUGIO TX					
4	11.6	10	30.1	1	2.2	ROBERTSON TX	161	-93	-81	02	54
1	13.1	1	29.8	1	35.1	ROCKWALL TX	127	18	168	89	92
1	53.6					RUNNELS TX					
6	13.6	10	20.5	4	6.9	RUSK TX	51	-66	-49	17	57
				2	19.6	SABINE TX					77
1	7.9	3	26.5	3	27.2	SAN AUGUSTINE TX	237	3	246	94	87
2	10.8			5	32.8	SAN JACINTO TX			203	92	91
1	34.4	2*	81.9	1	6.6	SAN PATRICIO TX	138	-92	-81	02	56
		1*	188.7			SAN SABA TX					
6	27.4	3	12.9	3	11.6	SHELBY TX	-53	-10	-58	12	63
14	14.8	12	12.0	32*	28.0	SMITH TX	-19	134	89	79	87
40	21.2	41	18.4	51	15.2	TARRANT TX	-13	-17	-28	30	69
3	32.2	2	19.5	7	28.5	TAYLOR TX	-39	46	-11	42	88
		1	8.2			TITUS TX					
2	14.6			3	10.9	TOM GREEN TX			-25	32	62
18	19.5	21	19.3	28	16.1	TRAVIS TX	-1	-16	-18	38	71
7*	53.8	2	15.5	6*	51.3	TRINITY TX	-71	232	-5	46	96
1	10.2	2	18.5	1	11.2	TYLER TX	81	-40	9	54	62
1	3.4	6	26.0	5	17.2	UPSHUR TX	672	-34	411	97	74
		1*	86.0	1	59.0	UPTON TX		-31			97
1	11.8			1	10.6	VAN ZANDT TX			-10	43	61
		2	9.7			VICTORIA TX					
5	13.0	4	11.1	10	22.7	WALKER TX	-15	105	74	76	82
6	25.6	3	12.5	3	10.6	WALLER TX	-51	-15	-59	12	61
				1	18.9	WARD TX					76
3	10.0	7	17.9	6	21.7	WASHINGTON TX	78	22	117	84	80
1*	114.7					WEBB TX					
7	20.5	10	24.9	7	16.8	WHARTON TX	21	-33	-18	37	73
5	15.7	5	12.2	4	9.6	WICHITA TX	-23	-21	-39	23	60
1	17.2	2	31.9	1	18.2	WILBARGER TX	85	-43	0	53	75
				1	7.4	WILLACY TX					57
6	26.0	7	34.4	4	14.1	WILLIAMSON TX	33	-59	-46	19	67
1	43.0					WILSON TX					
1*	344.1					WINKLER TX					
		1	5.6	3	24.7	WOOD TX		342			84
5	8.8	6	11.0	9	7.0	UTAH UT	25	-36	-21		
				1*	163.6	CACHE UT					99
		1	109.3			CARBON UT					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE MALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
		1*	424.0			DUCHESNE UT					
3	12.1	4	15.6	5	9.6	SALT LAKE UT	29	-39	-21	35	60
				1	4.8	SAN JUAN UT					55
1	37.7					UINTAH UT					
				1	2.3	UTAH UT					54
1	6.5			1	4.5	WEBEP UT			-31	29	55
1	22.3					VERMONT VT					
1*	70.7					CHITTENDEN VT					
553*	20.3	710*	22.9	925*	25.7	VIPGINIA VA	13	12	26		
8	16.2	15*	30.7	13	25.8	ACCOMACK VA	89	-16	59	72	86
12	28.3	12	24.6	20*	36.8	ALBEMAPLE#VA	-13	50	30	63	93
5	44.1	3	20.0	4	25.7	ALLEGHANY#VA	-55	29	-42	21	85
4	20.7	6	34.7	2	12.3	AMELIA VA	67	-65	-41	22	64
4	19.0	5	23.5	2	8.4	AMHERST VA	23	-64	-56	13	58
2	22.2	4	40.7			APPOMATTOX VA	83				
4	22.9	5	17.2	8	22.4	APLINGTON#VA	-25	31	-2	48	81
8*	40.8	3	13.2	7	22.5	AUGUSTA#VA	-68	70	-45	20	81
3*	82.1					BATH VA					
22	25.2	26	26.3	28	25.3	BEDFORD#VA	5	-4	1	49	85
				1*	172.0	BLAND VA					99
1	24.8			1	16.4	BOTETOURT VA			-34	26	72
6	18.6	3	7.6	9	22.9	BRUNSWICK VA	-59	201	23	61	82
5	26.9	5	25.4	8*	39.1	BUCKINGHAM VA	-6	54	45	68	94
2	7.2	4	17.2	8	24.1	CAPOLINE VA	138	40	232	94	84
6*	40.7	3	17.2	2	11.2	CHARLES CITY VA	-58	-35	-72	05	62
5	29.3	3	14.5	8*	35.8	CHARLOTTE VA	-51	148	22	60	92
73	24.1	91*	22.2	168*	38.6	CHESTEPFIELD#VA	-8	74	60	72	94
		1	14.9	1	10.5	CLARKE VA		-30			61
3	20.5	8*	49.2	9*	49.7	CULPEPER VA	140	1	143	87	96
5	27.5	3	17.6	4	25.8	CUMBERLAND VA	-36	47	-6	45	86
20	13.8	24	15.5	40	24.9	DINWIDDIE#VA	12	61	80	77	85
2	14.6	3	23.0	2	11.6	ESSEX VA	57	-50	-21	35	63
15	28.3	22	24.0	32	22.6	FAIRFAX#VA	-15	-6	-20	35	82
2	8.0	8	34.4	4	14.9	FAUQUIER VA	329	-57	86	79	69
		1	27.0			FLOYD VA					
1	7.7	3	22.1	5	39.4	FLUVANNA VA	187	78	412	97	94
		1	8.2	3	24.6	FRANKLIN VA		200			84
1	13.9	1	9.9	2	27.1	FREDERICK#VA	-28	173	95	81	87
		1	28.1	1	44.6	GILES VA		59			95
2	10.3	1	5.3	7	36.8	GLOUCESTER VA	-49	595	258	95	93
1	6.4	2	14.4	2	11.3	GOOCHLAND VA	124	-21	76	76	63
				1	37.8	GREENE VA					93
6	20.0	5	22.1	13*	38.7	GREENSVILLE#VA	10	75	93	80	94
9	16.8	15	25.1	14	23.1	HALIFAX#VA	49	-8	38	66	82
6	20.7	8	37.0	7	25.9	HANOVER VA	78	-30	25	62	86
6	24.0	10*	31.1	16*	29.5	HENRICO VA	30	-5	23	61	89
8	18.0	10	23.4	10	16.3	HENRY#VA	30	-30	-9	44	72
10*	43.9	4	12.6	5	16.2	ISLE OF WIGHT VA	-71	28	-63	09	72
10	27.9	13	26.8	12	18.0	JAMES CITY#VA	-4	-33	-35	25	75
1	5.5	5	35.0	5	34.7	KING AND QUEEN VA	530	-1	526	98	92
1	7.0	5	33.9	6*	39.9	KING WILLIAM VA	385	18	471	98	94
2	13.3	4	24.5	2	11.6	LANCASTER VA	84	-53	-13	41	63
2*	697.2			1*	133.9	LEE VA			-81	02	99
3	23.0	3	16.8	2	10.7	LOUDOUN VA	-27	-37	-54	14	62
5	23.1			4	17.1	LOUISA VA			-26	32	74
3	16.3	2	8.6	6	26.1	LUNENBURG VA	-47	203	60	72	86
		1	12.8	5*	56.7	MADISON VA		344			97
2	48.3	2	19.8	2	20.9	MATHEWS VA	-59	5	-57	13	79
7	14.9	8	15.1	13	23.9	MECKLENBURG VA	2	58	61	72	83
		3	26.5	4	31.0	MIDDLESEX VA		17			90
2	18.7	3	30.9	2	18.2	MONTGOMERY#VA	66	-41	-3	47	75
2	12.2	1	4.3	4	28.6	NELSON VA	-65	566	135	87	88
11	29.4	6	18.5	8	20.3	NORTHAMPTON VA	-37	10	-31	28	78
8*	50.7	5	32.8	2	10.2	NORTHUMBERLAND VA	-35	-69	-80	03	61
3	12.8	9	32.0	7	23.6	NOTTOWAY VA	150	-26	85	79	83
3	21.9	5	39.0	4	26.9	ORANGE VA	78	-31	23	60	87
1	62.9			1	27.0	PAGE VA			-57	13	87
16	18.4	19	19.2	18	16.4	PITTSYLVANIA#VA	5	-15	-11	43	72
4	29.9	4	28.0	4	30.6	POWHATAN VA	-6	9	2	50	90
6	21.3	5	20.0	9*	36.1	PRINCE EDWARD VA	-6	81	69	74	92
2	14.2	4	30.7	6	32.1	PRINCE WILLIAM#VA	115	5	126	86	91
2	22.0	1	14.1	2	25.7	PULASKI VA	-36	82	17	58	85
				2	45.0	RAPPAHANNOCK VA					95
1	15.1					RICHMOND VA					
16	21.3	17	18.0	16	15.7	ROANOKE#VA	-16	-13	-26	32	70
		1	15.8	3	39.0	ROCKBRIDGE#VA		148			94
		1	16.9	2	32.4	ROCKINGHAM#VA		92			91
		1	62.9	1	38.2	RUSSELL VA		-39			93
1*	172.0					SCOTT VA					
				1	53.6	SHENANDOAH VA					96
2*	81.6	1	27.3			SMYTH VA	-67				
7	14.8	10	19.5	15	28.9	SOUTHAMPTON#VA	32	48	96	81	89
7	32.9	4	17.6	5	17.8	SPOTSYLVANIA#VA	-47	1	-46	19	75
2	54.2	5*	86.6			STAFFORD VA	60				
2	13.4	1	6.4	3	20.7	SURRY VA	-52	225	55	71	79
4	16.3	4	16.2	5	16.9	SUSSEX VA	-1	5	4	51	73
1	9.2	1	8.8	1	15.3	TAZEWELL VA	-4	74	67	74	69
1	20.7	1	21.3	1	17.7	WARREN VA	3	-17	-15	40	75
1	13.6	3	32.6	2	24.6	WASHINGTON#VA	139	-24	81	78	84
2	11.5	7	35.5	5	21.0	WESTMORELAND VA	210	-41	83	78	79
2	24.8	5*	74.5			WISE#VA	200				
2	44.0	1	13.8	1	23.8	WYTHE VA	-69	73	-46	19	83
92	20.2	146*	28.0	188*	29.5	CHESAPEAKE CITY#VA	38	5	46	69	89
9	11.6	19	23.4	25	25.4	HAMPTON CITY VA	101	9	118	85	85
21	21.1	38*	31.2	23	16.3	NEWPORT NEWS CITY VA	48	-48	-22	33	72
17	23.2	17	21.1	30*	32.1	SUFFOLK CITY VA	-9	52	38	66	91

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NON-WHITE MALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
57	19.1	69	17.5	66	10.4	WASHINGTON WA	-8	-41	-46		
1*	54.6					BENTON WA					
1	62.9					CLALLAM WA					
				1	10.1	CLARK WA					60
				1*	344.1	COLUMBIA WA					99
		1	18.9	1	8.6	FRANKLIN WA		-54			59
1	35.3					GRAYS HARBOR WA					
35	21.3	43	18.1	43	12.2	KING WA	-15	-32	-43	21	64
1	19.1	2	9.9			KITSAP WA	-48				
		1	74.3			MASON WA					
7	26.2	10	30.1	5	7.6	PIERCE WA	15	-75	-71	05	58
1	21.0	1	24.8	1	8.3	SNOHOMISH WA	18	-67	-61	11	58
4	24.4	5	23.9	5	17.5	SPOKANE WA	-2	-27	-28	30	74
		2*	87.5	1	33.5	STEVENS WA		-62			92
1	29.8			1	26.8	THURSTON WA			-10	43	86
		1	34.4	2	38.5	WALLA WALLA WA		12			94
		1	28.1	1	11.2	WHATCOM WA		-60			62
5	25.7	2	8.6	4	8.1	YAKIMA WA	-67	-6	-69	07	58
71	14.6	86	19.0	99*	24.4	WEST VIRGINIA WV	30	28	67		
		2*	278.3			BARBOUR WV					
		2	19.8	1	6.9	BERKELEY WV		-65			57
2*	66.4					BOONE WV					
				1	149.1	BROOKE WV					99
6	31.2	4	13.3	8*	32.6	CABELL WV	-57	145	5	52	91
7	14.1	1	2.0	7	18.1	FAYETTE WV	-86	826	28	62	75
2	18.3	5*	59.2	3	35.4	GREENBRIER WV	224	-40	94	60	92
3*	74.0	3	40.5	1	18.9	HANCOCK WV	-45	-53	-75	04	76
2	21.3	2	19.0	4*	60.1	HARRISON WV	-11	216	182	90	97
1	9.1	1	7.4	3	26.8	JEFFERSON WV	-18	261	196	92	86
10	17.2	14	20.4	25*	38.1	KANAWHA WV	19	87	122	85	93
3	11.7	2	9.2	5	31.1	LOGAN WV	-22	239	166	89	90
9	12.0	14	21.9	9	15.0	MC DOWELL WV	82	-32	25	62	69
6	32.7	2	10.3	4	23.4	MARION WV	-69	127	-28	30	83
				1	47.1	MASON WV					96
		9	24.8	5	16.0	MERCER WV		-35			71
		1	37.5			MINERAL WV					
2	11.0	2	10.2	3	31.3	MINGO WV	-7	206	185	91	90
3	44.1	3	47.9			MONONGALIA WV	9				
1	43.0	2*	59.9			MONROE WV	39				
1	8.6	6*	55.6	2	18.9	OHIO WV	548	-66	121	85	76
1	26.5			1	21.0	POCAHONTAS WV			-21	35	79
7	11.4	6	9.9	12	21.9	RALEIGH WV	-13	121	93	80	80
1	14.9	1	42.1	1	39.0	SUMMERS WV	183	-7	162	89	94
				1*	74.3	WAYNE WV					97
1	34.7			1	14.9	WOOD WV			-57	13	68
3	40.2	4*	91.1	1	22.3	WYOMING WV	126	-75	-44	20	81
26	16.1	26	9.9	68	14.3	WISCONSIN WI	-39	45	-11		
1	24.4					ASHLAND WI					
		1	60.7	1	28.1	BAYFIELD WI		-54			88
1	27.0			2	22.1	BROWN WI			-18	37	81
1*	188.7					CLARK WI					
				2	14.7	DANE WI					68
		1*	56.2			DOUGLAS WI					
1*	596.2	1*	188.7			GRANT WI	-68				
		1	70.1			JACKSON WI					
		1	7.9	1	14.9	KENOSHA WI		89			68
				1*	188.7	MARINETTE WI					99
1	17.2	1	14.9	1	11.2	MENOMINEE#WI	-13	-24	-34	26	63
17	18.3	15	8.5	51	16.1	MILWAUKEE WI	-54	90	-12	42	71
		1*	89.3			MONROE WI					
				1	13.1	OUTAGAMIE WI					65
		1*	94.4			POLK WI					
1	5.9	1	2.6	6	21.7	RACINE WI	-55	729	270	95	80
1	22.3	1	28.1	1	6.1	ROCK WI	26	-78	-73	05	56
				1	24.9	SAWYER WI					85
1*	344.1					TAYLOR WI					
		1	26.0			VILAS WI					
1*	49.1					WAUKESHA WI					
8*	38.3	3	13.5	3	12.8	WYOMING WY	-65	-6	-67		
1*	424.0					BIG HORN WY					
4*	78.8	1	10.2	2	24.0	FREMONT WY	-87	135	-70	06	83
		1*	133.9			HOT SPRINGS WY					
				1	20.6	LARAMIE WY					79
2*	151.9					NATRONA WY					
		1*	74.3			SHERIDAN WY					
1*	133.9					WASHAKIE WY					

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NON-WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
10884	16.5	13595	15.4	17057	13.5	UNITED STATES		-6	-12	-18		
500	12.8	659	15.1	820*	16.1	ALABAMA	AL	18	6	25		
4	11.3	7	20.6	12*	32.3	AUTAUGA	AL	82	57	186	95	93
3	12.2	6	15.9	3	5.2	BALDWIN	AL	31	-67	-57	21	57
5	7.1	10	15.7	8	12.4	BARBOUR	AL	122	-21	75	85	70
4	20.3	5	28.1	4	24.6	BIBB	AL	38	-13	21	70	89
5	10.8	12	21.7	6	12.3	BULLOCK	AL	101	-43	14	68	70
7	14.3	7	15.8	7	18.4	BUTLER	AL	11	16	28	73	81
13	19.4	13	19.1	14	16.0	CALHOUN	AL	-2	-16	-17	51	77
4	6.0	6	10.7	9	13.2	CHAMBERS	AL	79	23	120	90	72
		1	19.1	1	12.8	CHEROKEE	AL		-33			71
3	19.9	4	25.3	2	9.7	CHILTON	AL	27	-62	-51	25	65
3	9.5	8	20.0	7	17.8	CHOCTAW	AL	110	-11	86	86	80
8	16.6	9	15.7	7	13.0	CLARKE	AL	-6	-17	-22	47	71
2	22.0	1	11.5	2	25.5	CLAY	AL	-48	123	16	69	90
2	7.9	5	17.3	6	19.1	COFFEE	AL	118	11	141	92	83
3	8.6	9	20.9	4	8.3	COLBERT	AL	143	-61	-4	60	62
4	10.4	3	7.3	12*	27.4	CONECUH	AL	-30	276	163	93	91
1	9.4	2	15.4	4	26.5	COOSA	AL	64	72	181	94	90
2	7.5	8	34.1	4	15.1	COVINGTON	AL	357	-56	103	88	75
4	18.3	2	9.5	5	19.4	CRENSHAW	AL	-48	104	9	65	83
1	8.5	3	14.8	3	10.8	DALE	AL	74	-27	27	73	67
30	18.9	34*	22.6	34*	21.1	DALLAS	AL	20	-7	12	67	85
1	37.2			2	36.2	DE KALB	AL			-3	61	94
3	7.1	4	8.8	9	18.0	ELMORE	AL	24	106	155	93	81
7	17.6	3	5.7	6	9.6	ESCAMBIA	AL	-68	70	-45	29	65
8	12.9	8	12.5	6	8.1	ETOWAH	AL	-3	-35	-37	36	61
1	7.5	3	25.2	1	5.2	FAYETTE	AL	238	-79	-30	41	57
		1	16.1	1	15.2	FRANKLIN	AL		-5			76
1	6.6	3	23.8			GENEVA	AL	264				
6	10.1	11	23.8	7	11.9	GREENE	AL	135	-50	18	69	69
6	9.5	8	12.5	9	14.6	HALE	AL	32	17	54	81	74
4	12.1	3	10.7	6	18.5	HENRY	AL	-11	72	53	81	81
10	19.2	11	16.9	6	8.5	HOUSTON	AL	-12	-50	-56	22	62
1	11.8	1	9.3	3	20.4	JACKSON	AL	-21	121	73	84	84
127	13.9	158	15.0	219*	17.2	JEFFERSON	AL	8	15	24	71	79
2	21.1	3	29.9	4*	40.4	LAMAR	AL	42	35	92	87	95
2	4.7	6	16.3	6	12.3	LAUDERDALE	AL	244	-24	160	93	70
2	9.6	8*	32.2	3	10.3	LAWRENCE	AL	235	-68	7	65	66
10	14.1	13	16.9	16	18.1	LEE	AL	21	7	29	73	81
5	16.6	13*	42.4	17*	53.2	LIMESTONE	AL	156	25	221	96	96
7	13.1	5	11.5	3	5.0	LOWNDES	AL	-12	-56	-62	17	57
12	13.5	12	12.6	15	12.9	MACON	AL	-7	3	-5	60	71
7	9.4	17	18.9	9	7.9	MADISON	AL	101	-58	-16	52	61
10	13.1	13	16.1	23*	23.9	MARENGO	AL	23	48	82	86	88
1	47.1					MARION	AL					
		1	15.5	1	16.1	MARSHALL	AL		4			78
26	7.4	31	7.4	72	13.9	MOBILE	AL	0	88	88	86	73
15*	33.6	5	11.3	11	21.1	MONROE	AL	-66	87	-37	36	86
39	14.5	45	14.7	46	13.0	MONTGOMERY	AL	2	-11	-10	57	71
6	16.2	6	16.9	12*	26.2	MORGAN	AL	4	56	62	82	90
8	15.6	7	14.4	13	23.9	PERRY	AL	-8	66	53	61	88
4	8.5	6	11.1	8	14.0	PICKENS	AL	31	26	65	83	73
7	13.3	9	19.1	9	15.7	PIKE	AL	44	-18	18	70	77
2	12.0	4	18.0	6	25.2	RANDOLPH	AL	50	40	109	89	90
6	7.0	14	15.7	13	13.1	RUSSELL	AL	125	-17	88	87	72
		6*	37.1	6*	32.1	ST CLAIR	AL		-13			93
1	4.1	1	3.4	2	5.6	SHELBY	AL	-17	66	37	76	58
8	12.1	7	11.7	18*	23.9	SUMTER	AL	-4	105	97	88	88
9	12.8	12	15.1	17	17.3	TALLADEGA	AL	18	15	35	75	79
2	5.5	9	19.2	10	20.2	TALLAPOOSA	AL	252	5	270	97	84
8	8.4	11	8.4	29	17.1	TUSCALOOSA	AL	-1	105	103	88	79
6	19.5	6	21.6	7	19.2	WALKER	AL	11	-11	-1	61	83
3	17.9	2	11.6	4	15.1	WASHINGTON	AL	-35	30	-16	52	75
8	12.9	18*	25.7	11	19.1	WILCOX	AL	99	-26	48	79	82
1*	267.9					WINSTON	AL					
		34*	30.5	66*	45.7	ALASKA	AK		50			
47	17.4	54	14.2	84	10.2	ARIZONA	AZ	-18	-28	-41		
8	17.6	14	24.8	20*	24.1	APACHE	AZ	41	-3	37	76	88
2	7.4	3	16.4	4	10.2	COCONINO	AZ	121	-37	38	76	66
2	26.0			2	15.1	GILA	AZ			-42	33	75
2*	168.7			1	10.5	GRAHAM	AZ			-94	00	66
15	19.3	11	8.1	25	7.3	MARICOPA	AZ	-58	-9	-62	17	60
8	20.4	4	7.7	11	13.7	NAVAJO	AZ	-62	79	-33	39	73
7	14.9	12	21.1	14	10.1	PIMA	AZ	42	-52	-33	39	65
2	10.7	6	20.4	6	11.3	PINAL	AZ	91	-45	6	65	68
1	21.0	4	39.2	1	3.2	YUMA	AZ	87	-92	-85	02	55
270	15.0	395*	20.5	373*	17.1	ARKANSAS	AR	37	-17	14		
3	15.9	5	18.9	5	15.7	ARKANSAS	AR	19	-17	-1	62	77
2	5.2	7	17.7	7	14.7	ASHLEY	AR	240	-17	181	94	75
5	25.1	2	9.3	3	13.6	BRADLEY	AR	-63	46	-46	29	73
1	11.6			2	23.4	CALHOUN	AR			101	88	88
6	8.7	9	13.0	12	19.7	CHICOT	AR	49	52	126	91	83
3	11.4	3	10.3	3	8.2	CLARK	AR	-10	-20	-28	43	62
1	12.5	3	44.5	1	22.1	CLEVELAND	AR	256	-50	77	85	86
9	21.4	6	12.4	6	10.3	COLUMBIA	AR	-42	-17	-52	25	66
4	21.7	2	10.1	5	24.0	CONWAY	AR	-54	138	10	66	88
2	20.2	1	11.7	3	29.7	CRAIGHEAD	AR	-42	154	47	79	92
		1	21.0	1	9.9	CRAWFORD	AR		-53			65
19	16.7	27*	22.8	29*	23.3	CRITTENDEN	AR	36	2	40	77	88

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	7.9	4	15.3	8*	25.5	CROSS	AR	93	67	224	96	90
4	23.7	5	21.5	6	26.5	DALLAS	AR	-9	23	12	67	90
9	17.6	9	19.4	5	9.5	DESHA	AR	11	-51	-46	29	64
5	19.5	4	14.5	1	2.4	DREW	AR	-26	-83	-88	01	55
2	18.9	1	7.0	1	5.5	FAULKNER	AR	-63	-21	-71	10	57
6	19.7	8	26.3	7	20.9	GARLAND	AR	34	-20	6	65	85
1	44.6					GRANT	AR					
2	5.4	7	18.3	5	12.1	HEMPSTEAD	AR	239	-34	124	91	69
3	24.6	2	14.9	2	18.9	HOT SPRING	AR	-39	27	-23	46	82
3	23.8	1	6.5			HOWARD	AR	-73				
1	17.9			1	12.8	INDEPENDENCE	AR			-29	42	71
3	16.3	7*	46.0	1	4.1	JACKSON	AR	152	-91	-77	06	56
23	13.3	52*	27.5	33	13.8	JEFFERSON	AR	106	-50	4	63	73
		2	8.3	7	21.2	LAFAYETTE	AR		157			86
9	15.4	7	13.1	9	12.3	LEE	AR	-15	-6	-20	49	70
5	16.4	5	16.4	6	22.4	LINCOLN	AR	0	37	37	76	87
6	28.5	2	12.8	1	3.8	LITTLE RIVER	AR	-55	-70	-87	01	56
4	17.6	7	28.4	4	11.5	LONOKE	AR	61	-60	-35	37	68
4	8.6	8	19.4	9	21.5	MILLER	AR	127	11	151	93	86
9	11.0	18	21.6	19*	23.3	MISSISSIPPI	AR	97	8	112	89	88
4	9.6	8	19.0	9	20.6	MONROE	AR	97	8	114	90	85
4	27.5	6	33.3	3	15.6	NEVADA	AR	21	-53	-43	31	76
1	1.7	12	18.0	6	8.5	OUACHITA	AR	945	-52	396	98	62
26	22.8	20	16.2	23	18.0	PHILLIPS	AR	-29	11	-21	48	80
2	13.9	3	20.5	1	5.5	POINSETT	AR	48	-73	-61	17	57
		2	44.0	1	19.1	POPE	AR		-57			82
1	14.1	2	22.4	2	22.4	PRAIRIE	AR	59	0	59	82	87
52	21.3	83*	30.3	80*	23.9	PULASKI	AR	42	-21	12	68	88
				2*	173.0	RANDOLPH	AR					99
14	18.9	20*	26.2	17	23.5	ST FRANCIS	AR	38	-10	24	71	88
		1	13.4			SALINE	AR					
1	3.7	2	7.5	4	10.7	SEBASTIAN	AR	102	43	188	95	67
		2	49.9	1	23.4	SEVIER	AR		-53			88
6	8.7	10	14.0	10	11.6	UNION	AR	61	-17	34	75	68
				1	8.8	WASHINGTON	AR					63
		1	17.0	3	31.3	WHITE	AR		85			93
3	6.9	8	33.3	7	22.2	WOODRUFF	AR	385	-33	223	96	87
				1	40.9	YELL	AR					95
359	13.6	571	11.1	936	8.1	CALIFORNIA	CA	-19	-26	-40		
44	13.0	51	9.0	90	8.1	ALAMEDA	CA	-30	-10	-37	36	62
3*	68.7			2	27.6	BUTTE	CA			-60	18	91
3	3.0	11	12.0	31	12.6	CONTRA COSTA	CA	295	5	313	97	71
7	11.5	5	4.4	17	7.0	FRESNO	CA	-61	58	-39	34	60
		1	5.0	2	10.0	HUMBOLDT	CA		101			65
6*	41.0	1	6.5	3	7.7	IMPERIAL	CA	-84	18	-81	03	61
2*	55.3			1	15.7	INYO	CA			-72	10	77
5	10.8	9	13.7	9	4.9	KERN	CA	27	-64	-55	23	57
2	24.8	2	18.7	3	9.5	KINGS	CA	-25	-49	-62	17	64
				1	22.3	LAKE	CA					87
		1	89.3			LASSEN	CA					
208	15.6	328	12.2	501	9.3	LOS ANGELES	CA	-22	-24	-41	33	64
		1	5.7	3	8.5	MADERA	CA		49			62
		1	4.4			MARIN	CA					
2	36.1	3*	39.5			MENDOCINO	CA	10				
1	5.5	3	16.2	1	1.6	MERCED	CA	194	-90	-71	10	54
				2*	110.8	MODOC	CA					98
		7	22.2	8	7.4	MONTEREY	CA		-67			60
1	6.8	2	5.2	9	3.9	ORANGE	CA	-24	-26	-43	32	56
1	11.5			1	4.8	PLACER	CA			-58	20	56
1	112.4	1	74.3			PLUMAS	CA	-34				
4	12.4	13	17.6	14	6.4	RIVERSIDE	CA	42	-63	-48	27	59
6	11.6	16	12.0	21	6.9	SACRAMENTO	CA	4	-43	-41	33	59
3	6.4	12	13.6	16	8.9	SAN BERNARDINO	CA	112	-35	38	77	63
10	13.4	8	5.4	32	6.4	SAN DIEGO	CA	-60	17	-53	24	59
25	9.1	50	8.9	97	9.0	SAN FRANCISCO	CA	-3	2	-1	61	63
5	10.3	8	9.4	12	6.4	SAN JOAQUIN	CA	-9	-31	-38	35	59
		1	28.1	1	2.1	SAN LUIS OBISPO	CA		-92			54
4	10.4	9	9.1	15	6.0	SAN MATEO	CA	-13	-34	-42	32	58
1	9.9			3	3.4	SANTA BARBARA	CA			-66	13	55
4	13.4	6	5.1	20	5.9	SANTA CLARA	CA	-62	16	-56	22	58
		1	7.9	1	2.9	SANTA CRUZ	CA		-64			55
		3*	42.4	1	8.0	SHASTA	CA		-81			61
3*	60.0					SISKIYOU	CA					
4	11.9	7	26.2	7	6.1	SOLANO	CA	121	-77	-49	27	58
		1	9.3	2	6.3	SONOMA	CA		-32			58
				1	1.4	STANISLAUS	CA					54
1*	78.1	1*	53.0			TEHAMA	CA	-32				
1	3.7	6	28.6	5	7.9	TULARE	CA	663	-72	112	89	61
		2	9.5			VENTURA	CA					
2	40.2			1	2.2	YOLO	CA			-94	00	54
				3	19.6	YUBA	CA					83
15	11.3	19	8.6	45	8.6	COLORADO	CO	-24	0	-24		
				1	2.3	ADAMS	CO					54
13	14.1	13	8.0	31	9.5	DENVER-ARAPAHOE#	CO	-43	19	-32	39	64
2	21.0	1	5.6	9	28.2	EL PASO	CO	-73	406	34	75	91
		1*	267.9			GARFIELD	CO					
		1	24.8			JEFFERSON	CO					
				1	16.6	LA PLATA	CO					78
		1*	114.7			LAS ANIMAS	CO					
				1	31.5	MESA	CO					93
				1	38.3	MONTEZUMA	CO					94
		2	13.9	1	1.6	PUEBLO	CO		-89			54
54	23.4	63	14.2	78	10.1	CONNECTICUT	CT	-39	-29	-57		
12	14.1	16	8.0	19	7.3	FAIRFIELD	CT	-44	-8	-48	27	60

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
18	31.2	16	12.3	15	6.5	HARTFORD CT	-61	-47	-79	04	59
1	24.4					LITCHFIELD CT					
1	24.9			1	7.4	MIDDLESEX CT			-70	11	60
20	28.3	26	22.3	42	18.5	NEW HAVEN CT	-21	-17	-35	37	81
2	14.5	5	23.1	1	3.2	NEW LONDON CT	59	-86	-78	05	55
34	17.5	43	17.8	45	12.7	DELAWARE DE	2	-29	-27		
6	17.2	11	25.9	8	13.5	KENT DE	50	-48	-22	47	72
20	17.5	25	17.1	27	12.3	NEW CASTLE DE	-2	-28	-29	41	70
8	17.5	7	13.5	10	13.9	SUSSEX DE	-23	3	-20	49	73
220	18.7	252	13.7	372*	15.4	DIST. OF COLUMBIA DC	-27	13	-18		
220	18.7	252	13.7	372*	15.4	WASHINGTON DC	-27	13	-18	51	76
541*	19.7	561	15.4	612	11.5	FLORIDA FL	-22	-25	-42		
15	19.4	13	14.3	22	19.3	ALACHUA FL	-26	35	-1	62	83
2	26.9	1	14.9			BAKER FL	-45				
3	9.3	3	8.8	11	19.1	BAY FL	-5	116	105	88	83
6*	59.1	2	17.8	2	13.7	BRADFORD FL	-70	-23	-77	06	73
5	15.9	10	20.2	5	7.0	BREVARD FL	27	-65	-56	22	60
16	17.4	29	18.3	27	8.4	BROWARD FL	5	-54	-52	25	62
		2	33.3	2	37.3	CALHOUN FL		12			94
		2*	54.9			CHARLOTTE FL					
2	31.0	1	13.1	1	7.7	CITRUS FL	-58	-41	-75	07	61
1	15.1	2	16.4			CLAY FL	8				
		2	53.2	3	24.2	COLLIER FL		-55			88
2	8.0	4	13.9	8	24.8	COLUMBIA FL	74	79	211	96	89
53	18.0	52	9.7	79	8.2	DADE FL	-46	-15	-54	23	62
				2	11.3	DE SOTO FL					68
		1	42.4	2*	64.0	DIXIE FL		51			97
75	19.0	82	16.6	109*	16.8	DUVAL FL	-12	1	-11	55	79
23	21.3	33*	22.2	30	14.8	ESCAMBIA FL	4	-33	-30	40	75
2	44.8	1	14.0	3*	50.9	FLAGLER FL	-69	263	13	68	96
2	22.0			2	38.5	FRANKLIN FL			75	85	95
10	10.8	15	14.3	15	12.6	GADSDEN FL	33	-12	17	69	71
1	21.4	2*	107.2			GLADES FL	401				
1	10.6			2	18.9	GULF FL			77	85	82
2	15.1	1	5.1	4	31.2	HAMILTON FL	-66	511	107	88	93
1	42.0	2	44.9			HARDEE FL	7				
2	26.3	2	16.7	1	8.0	HENDRY FL	-36	-52	-70	11	61
2	36.3			1	8.6	HERNANDO FL			-76	06	63
4	21.7	5	24.6	3	13.6	HIGHLANDS FL	14	-45	-37	36	73
47*	25.6	46	17.1	39	10.7	HILLSBOROUGH FL	-33	-37	-58	20	67
		3*	75.4			HOLMES FL					
1	3.7	3	20.5	2	6.6	INDIAN RIVER FL	460	-68	80	86	59
8	14.3	3	6.7	2	4.0	JACKSON FL	-53	-41	-72	09	56
5	15.4	3	9.0			JEFFERSON FL	-41				
6	16.2	7	20.5	11	16.9	LAKE FL	27	-18	4	64	79
3	11.3	7	20.4	5	11.4	LEE FL	80	-44	0	62	68
17	22.3	26*	27.6	20	16.0	LEON FL	24	-42	-28	42	77
7*	44.5	1	6.5	4	24.5	LEVY FL	-85	276	-45	30	89
		1	42.0			LIBERTY FL					
6	21.3	2	6.2	1	2.2	MADISON FL	-71	-65	-90	00	54
3	7.8	2	4.8	7	12.9	MANATEE FL	-39	169	65	83	71
11	16.0	16	19.4	6	5.4	MARION FL	21	-72	-66	13	57
4*	34.1	2	11.6			MARTIN FL	-66				
3	18.9	2	7.8	4	20.8	MONROE FL	-59	166	10	66	85
7*	41.2	6	37.3	5	23.5	NASSAU FL	-9	-37	-43	32	88
1	15.2	2	14.4			OKALOOSA FL	-5				
1	30.7	3*	72.9	2	24.3	OKEECHOBEE FL	138	-67	-21	49	89
12	12.2	19	13.3	19	8.4	ORANGE FL	9	-36	-31	40	62
1	26.5	2	20.9	6*	41.8	OSCEOLA FL	-21	100	58	82	95
44*	28.2	21	11.3	31	10.5	PALM BEACH FL	-60	-7	-63	16	66
5*	34.6	4	22.9	4	20.7	PASCO FL	-34	-9	-40	34	85
17	18.4	21	12.9	15	6.7	PINELLAS FL	-30	-48	-63	15	59
33*	30.7	25	18.1	22	11.5	POLK FL	-41	-37	-63	16	68
11	26.6	6	13.8	6	10.1	PUTNAM FL	-48	-27	-62	16	65
6	14.6	6	14.2	6	15.2	ST JOHNS FL	-2	6	4	64	76
4	9.0	7	11.4	13	20.2	ST LUCIE FL	27	78	125	91	84
4*	58.0	2	37.7	2	18.7	SANTA ROSA FL	-35	-50	-68	12	82
1	3.5	6	19.8	6	13.9	SARASOTA FL	465	-30	297	97	73
12	21.9	7	10.6	7	8.3	SEMINOLE FL	-52	-22	-62	16	62
4	33.5	1	7.2	1	6.1	SUMTER FL	-78	-15	-82	03	58
6	28.4	2	9.7	2	7.4	SUWANNEE FL	-66	-24	-74	08	60
		1	4.1	2	11.9	TAYLOR FL		187			69
				1	20.2	UNION FL					84
16	19.2	22	20.5	21	14.0	VOLUSIA FL	7	-32	-27	43	73
1	10.4			1	8.6	WAKULLA FL			-17	51	63
2	19.5	4*	40.9	3	26.4	WALTON FL	110	-35	36	75	90
2	21.9	3	27.0	2	19.3	WASHINGTON FL	23	-28	-12	55	83
677	15.7	876*	17.3	1021*	16.7	GEORGIA GA	10	-3	6		
4*	61.4	5*	49.5	3	26.3	APPLING GA	-19	-47	-57	21	90
		1	15.6	3*	43.3	ATKINSON GA		177			96
2	25.5	2	13.4			BAKER GA	-48				
3	3.6	5	7.0	11	17.7	BALDWIN GA	98	151	397	98	80
1	11.4	3	27.3	3	23.8	BARROW GA	140	-13	109	89	88
4	23.8	2	11.2	5	21.3	BARTOW GA	-53	89	-10	56	86
3	14.4	4	18.9	4	16.1	BEN HILL GA	31	-15	12	67	78
37	18.9	53*	23.0	73*	26.2	BIBB GA	22	14	39	77	90
2	22.1	1	12.3	2	22.3	BLECKLEY GA	-44	81	1	62	87
4	11.5	13*	43.4	6	17.6	BROOKS GA	278	-59	53	81	80
2	20.0	1	11.9	4*	53.7	BRYAN GA	-40	351	168	94	97
4	14.3	8	20.0	9	18.5	BULLOCH GA	40	-8	29	74	81
22*	35.7	11	19.5	14*	22.6	BURKE GA	-45	16	-37	36	87
		1	5.4	3	16.6	BUTTS GA		208			78

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCEPS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	6.0	3	13.6	6	24.7	CALHOUN GA	128	82	314	97	89
2	15.2			3	14.1	CAMDEN GA			-7	59	74
2	19.6	1	10.9	2	15.5	CANDLEP GA	-44	42	-21	49	76
1	3.3	4	16.3	1	2.8	CARPOLL GA	390	-83	-15	53	55
3*	64.7			2	24.3	CHARLTON GA			-62	16	89
31	11.3	58	18.6	67*	17.7	CHATHAM GA	65	-5	57	82	80
				1	13.3	CHATTOOGA GA					72
				2	40.1	CHEPOKEE GA					95
4	7.7	11	18.6	13	17.0	CLAPKE GA	143	-8	123	90	79
5	35.9	3	25.2	2	12.7	CLAY GA	-30	-50	-65	15	71
1	6.0	6*	30.9	7*	37.2	CLAYTON GA	412	20	516	99	94
2	45.9	2	45.9			CLINCH GA	0				
4	16.9	10*	29.2	5	10.9	COBB GA	72	-63	-36	37	67
1	6.3	4	16.0	1	2.8	COFFEE GA	152	-83	-56	22	55
5	17.5	7	22.5	5	14.1	COLQUITT GA	29	-37	-19	50	74
1	8.2	2	12.0	1	3.0	COLUMBIA GA	46	-75	-64	15	55
		1	5.7	1	7.0	COOK GA		21			60
8	21.1	7	16.7	9	18.8	COWETA GA	-20	12	-11	56	82
2	20.8	5*	51.3	4	32.3	CRAWFORD GA	146	-37	55	81	93
5	14.6	4	11.6	1	2.3	CRISP GA	-21	-80	-84	02	54
11	22.8	6	11.4	6	12.2	DECATUR GA	-50	7	-46	28	69
22*	32.3	32*	22.5	56*	20.3	DE KALB GA	-30	-10	-37	35	64
4	20.3	2	11.3	6	30.4	DODGE GA	-45	170	50	80	92
4	14.5	6	24.2	5	20.1	DOOLY GA	67	-17	39	77	64
16	18.2	11	9.0	20	13.4	DOUGHERTY GA	-51	50	-26	44	72
		3	35.5	3	22.6	DOUGLAS GA		-36			87
1	4.3	4	16.5			EARLY GA	282				
				1*	78.1	ECHOLS GA					98
		1	12.4	3	22.9	EFFINGHAM GA		85			87
2	11.3	6	25.9	1	2.8	ELBERT GA	129	-89	-75	07	55
1	5.7	7	26.0	6	16.0	EMANUEL GA	355	-38	180	94	77
2	16.9	1	9.7	1	7.1	EVANS GA	-43	-26	-58	20	60
3	37.7	1	14.6	2	29.7	FAYETTE GA	-61	103	-21	48	92
9	26.2	4	7.9	6	11.5	FLOYD GA	-70	45	-56	22	68
1	23.6	2	30.6	1	14.9	FRANKLIN GA	30	-51	-37	36	75
144*	19.7	197*	21.0	215*	18.4	FULTON GA	6	-12	-7	59	81
9	19.3	6	10.7	9	14.0	GLYNN GA	-45	31	-27	43	73
3*	60.0					GORDON GA					
3	11.3	4	15.9	6	19.1	GRADY GA	41	19	69	84	82
4	15.2	7	23.7	3	9.0	GREENE GA	56	-62	-41	33	63
3	27.8	4	32.2	1	6.2	GWINNETT GA	16	-81	-78	05	58
1	29.8			1	22.5	HABERSHAM GA			-25	45	87
3	17.7	4	18.9	8*	31.1	HALL GA	7	65	76	85	92
4	16.3	1	2.9	4	11.2	HANCOCK GA	-82	288	-31	40	68
		1	22.3			HARALSON GA					
3	14.0	2	9.4	12*	41.4	HARRIS GA	-33	343	195	95	95
1	7.0	1	6.2	5	29.1	HART GA	-11	367	314	98	92
		2	44.2	1	16.9	HEARD GA		-62			79
2	11.1	1	3.9	6	19.0	HENRY GA	-65	390	70	84	82
2	5.4	3	8.4	3	6.0	HOUSTON GA	56	-28	12	67	58
1	3.3	2	19.1	1	9.4	IRWIN GA	486	-51	190	95	64
				1	5.7	JACKSON GA					58
1	6.2	5*	31.4	5	22.2	JASPER GA	407	-29	258	97	87
1	37.5			1	9.9	JEFF DAVIS GA			-73	08	65
12*	31.0	5	13.0	5	10.9	JEFFERSON GA	-58	-17	-65	14	67
5	24.3			1	5.4	JENKINS GA			-78	05	57
1	12.1			4	34.4	JOHNSON GA			184	94	94
		3	15.6	9*	39.6	JONES GA		154			95
4	28.8	3	15.5	5	23.0	LAMAR GA	-46	49	-20	49	88
				1	20.4	LANIER GA					84
1	2.1	11	21.4	8	14.7	LAURENS GA	922	-31	604	99	75
3	17.3	3	21.7	1	6.6	LEE GA	26	-70	-62	17	59
5	20.1	5	20.2	3	10.2	LIBERTY GA	0	-49	-49	27	66
		2	26.6	1	7.5	LINCOLN GA		-72			61
		3*	51.8	2	33.5	LONG GA		-35			93
15	24.5	13	17.9	10	11.4	LOWNDES GA	-27	-37	-54	24	68
		1	3.4	2	5.9	MC DUFFIE GA		73			58
4	25.1			4	21.1	MC INTOSH GA			-16	52	85
5	14.2	2	5.0	4	11.1	MACON GA	-65	121	-22	47	67
1	14.9	2	36.8			MADISON GA	147				
1	8.6	3	23.3	4	28.4	MARION GA	169	22	228	96	91
6	16.7	3	6.0	5	11.9	MERIWETHER GA	-64	100	-29	42	69
6	14.6	5	11.7	6	13.7	MITCHELL GA	-20	17	-6	59	73
3	15.5	5	24.6	3	12.6	MONROE GA	59	-49	-18	50	71
		5*	53.8	1	18.1	MONTGOMERY GA		-66			81
6	28.3	2	7.8	5	26.3	MORGAN GA	-73	238	-7	58	90
27	21.0	26	14.4	37	14.8	MUSCOGEE#GA	-31	3	-29	41	75
2	8.7	6	20.5	5	15.2	NEWTON GA	137	-26	76	85	76
		2	28.0	2	31.3	OCONEE GA		12			93
1	6.6	4	31.4	6*	50.2	OGLETHORPE GA	374	60	659	99	96
1	29.8	1	20.2	2	33.2	PAULDING GA	-32	64	12	67	93
3	8.5	5	15.2	7	17.9	PEACH GA	79	17	110	89	80
1	53.6					PICKENS GA					
1	12.5	2	21.9	2	17.5	PIERCE GA	76	-20	40	77	80
2	15.3	7*	50.9	4	34.2	PIKE GA	232	-33	123	91	94
2	13.5	2	10.3	3	13.1	POLK GA	-24	27	-3	61	71
3	19.6	4	26.7	3	20.6	PULASKI GA	36	-23	5	64	85
2	13.5	1	5.6	2	11.7	PUTNAM GA	-59	109	-14	54	69
2	29.5			2	26.9	QUITMAN GA			-9	58	91
5	14.7	3	8.2	7	20.8	RANDOLPH GA	-44	152	41	77	85
16	10.1	38	17.8	41	15.4	RICHMOND GA	76	-14	52	80	76
3	29.7			1	8.6	ROCKDALE GA			-71	10	63
				1	9.2	SCHLEY GA					64
		13*	42.4	8	22.5	SCREVEN GA		-47			87
		1	10.3			SEMINOLE GA					
7	17.8	7	14.5	14*	24.3	SPALDING GA	-19	67	36	76	89
2	18.2	5*	62.3	3	26.0	STEPHENS GA	241	-58	43	78	90
1	5.2	2	9.2	1	3.7	STEWART GA	78	-60	-28	42	56
4	7.3	8	12.6	7	10.5	SUMTER GA	73	-17	44	78	66
4	18.8	3	21.5	1	5.6	TALBOT GA	15	-74	-70	11	58

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NON-WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
4	34.1	3	33.6			TALIAFERRO GA	-2				
		3	21.8	2	10.1	TATTNALL GA		-54			65
1	8.3	3	18.2	3	18.0	TAYLOR GA	119	-1	117	90	81
1	6.2	2	11.4	1	6.5	TELFAIR GA	83	-43	4	64	59
4	10.6	7	21.4	9	24.6	TERRELL GA	101	15	131	92	89
8	11.4	15	24.1	7	9.1	THOMAS GA	111	-62	-20	49	63
6	25.6	4	13.6	5	14.0	TIFT GA	-47	3	-45	29	73
3	16.2	8*	34.8	8*	31.4	TOOMBS GA	115	-10	94	87	93
		1	15.2	1	11.6	TREUTLEN GA		-23			68
8	14.4	12	16.6	11	13.9	TROUP GA	16	-16	-3	61	73
		3	22.2	1	5.8	TURNER GA		-74			58
4	27.0			2	10.0	TWIGGS GA			-63	16	65
3	13.7	4	15.6	7	19.8	UPSON GA	14	28	45	79	84
		1	8.8	3	26.8	WALKER GA		206			91
5	23.6	4	17.9	5	21.2	WALTON GA	-24	18	-10	57	86
2	4.6	4	9.1	10	22.1	WARE GA	98	142	378	98	86
1	8.2	4	20.1	4	21.6	WARREN GA	147	7	165	93	86
9	20.9	7	16.0	7	14.0	WASHINGTON GA	-23	-13	-33	39	73
2	15.2	2	12.9	3	16.7	WAYNE GA	-15	29	10	66	79
1	26.5			2	28.0	WEBSTER GA			6	65	91
				1	11.8	WHEELER GA					69
1*	99.4			1*	86.0	WHITE GA			-13	54	98
1	14.1	1	13.5	1	8.8	WHITFIELD GA	-5	-35	-38	35	63
				3	22.8	WILCOX GA					87
9*	34.1	3	12.0	5	16.7	WILKES GA	-65	40	-51	25	79
3	21.8	2	10.9	2	9.7	WILKINSON GA	-50	-11	-55	23	65
7	25.5	3	11.8	4	14.5	WORTH GA	-54	22	-43	31	74
		114	7.9	162	6.9	HAWAII HI		-12			
		15	8.2	21	8.2	HAWAII HI		1			62
		74	7.0	124	7.1	HONOLULU HI		1			60
		10	11.0	8	6.5	KAUAI HI		-41			59
		15	11.8	9	4.2	MAUI#HI		-64			56
5	17.2	6	18.2	6	12.1	IDAHO ID	6	-34	-30		
				1	15.8	BANNOCK ID					77
		2*	166.6			BENEWAH ID					
2	45.1	2	30.5	1	13.4	BINGHAM ID	-32	-56	-70	11	72
1	24.5	1	31.3			CANYON ID	28				
				1*	60.6	ELMORE ID					97
				1*	74.3	LEWIS ID					97
2*	40.9	1	24.6	1	28.4	NEZ PERCE ID	-40	16	-31	40	92
				1	70.7	TWIN FALLS ID					97
336	10.7	473	10.5	775	11.8	ILLINOIS IL	-2	13	11		
3	42.9	2	26.8			ADAMS IL	-37				
3	8.3	3	10.3	4	12.3	ALEXANDER IL	24	19	47	79	70
1	4.4	4	17.0	3	8.2	CHAMPAIGN IL	291	-52	89	87	62
252	10.1	376	10.3	640	11.9	COOK IL	2	16	18	69	69
				2	4.9	DU PAGE IL					57
				1*	112.4	EDGAR IL					98
				1*	141.3	FORD IL					99
1*	212.0					HARDIN IL					
		1*	89.3			IROQUOIS IL					
4	26.8			3	10.9	JACKSON IL			-59	19	67
1	14.3			1	8.3	JEFFERSON IL			-42	32	62
2	12.4	2	10.0	3	5.1	KANE IL	-20	-49	-59	18	57
2	5.6	7	11.7	4	6.8	KANKAKEE IL	110	-42	22	71	59
1	10.0			1	6.2	KNOX IL			-38	35	58
7	31.5	3	6.5	13	17.7	LAKE IL	-79	173	-44	31	80
1	45.4					LA SALLE IL					
		1	57.3			LEE IL					
		1	49.7			LOGAN IL					
1	16.4	1	14.4	2	20.7	MC LEAN IL	-12	44	27	72	85
2	13.3	4	17.0	6	14.6	MACON IL	28	-15	9	66	74
8	17.0	6	11.1	11	15.2	MADISON IL	-35	37	-10	56	76
1	13.7			2	19.2	MARION IL			40	77	83
4*	43.5			1	14.6	MASSAC IL			-66	13	74
		1*	74.3			MENARD IL					
		1	15.6			MORGAN IL					
4	21.2	6	16.8	12	20.2	PEORIA IL	-21	21	-4	60	84
4	14.4	4	16.2	2	7.0	PULASKI IL	13	-57	-52	25	60
		1*	546.4			PUTNAM IL					
		1	24.4			RANDOLPH IL					
1	5.1	1	3.6	1	3.9	ROCK ISLAND IL	-29	6	-25	45	56
17	9.4	32	13.1	44	15.3	ST CLAIR IL	40	16	63	83	76
7	26.3	2	6.5	5	11.5	SANGAMON IL	-75	76	-56	22	68
		1	15.6			STEPHENSON IL					
3	15.4	1	4.4	1	3.3	VERMILION IL	-72	-25	-79	04	55
		1*	273.2			WHITE IL					
2	13.1	6	19.3	4	7.4	WILL IL	47	-62	-44	31	60
2	30.3	2	38.4	1	12.6	WILLIAMSON IL	27	-67	-58	19	70
2	5.5	2	8.8	7	14.5	WINNEBAGO IL	61	64	163	93	74
158	20.0	174	14.4	242	14.5	INDIANA IN	-28	1	-27		
4	20.0	9	23.3	13	18.2	ALLEN IN	16	-22	-9	58	81
1*	141.3					BARTHOLOMEW IN					
		1*	281.2			CARROLL IN					
				1	45.9	CASS IN					96
3	31.7	3	21.8	3	13.6	CLARK IN	-31	-38	-57	21	73
1*	106.0					CLAY IN					
				1*	112.4	DECATUR IN					98
8*	40.9	9*	31.6	2	4.8	DELAWARE IN	-23	-85	-88	01	56
		1	16.1			ELKHART IN					
		1	38.2	1	30.7	FAYETTE IN		-20			92
3	37.1			4	28.6	FLOYD IN			-23	46	92

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NON-WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
3	35.7	2	13.6			GRANT	IN	-62				
1	28.3			1	17.9	HAMILTON	IN			-37	36	80
				1*	344.1	HENDRICKS	IN					99
				2*	61.8	HENRY	IN					98
		4	37.0	1	4.0	HOWARD	IN		-89			56
1	54.5			1	49.7	JEFFERSON	IN			-9	58	96
1	67.0	1	49.7	1	16.1	JOHNSON	IN	-26	-68	-76	07	78
33	17.2	39	11.2	54	11.2	LAKE	IN	-35	0	-35	37	68
2	17.7	1	12.2	1	4.2	LA PORTE	IN	-31	-65	-76	07	56
		3	13.5	2	7.5	MADISON	IN		-45			61
63	19.4	71	14.4	113*	16.7	MARION	IN	-26	16	-14	54	79
				1*	38.3	MARSHALL	IN					94
				1	16.1	MONROE	IN					78
1*	267.9					NOBLE	IN					
1	33.5					ORANGE	IN					
1*	112.4					OWEN	IN					
				1*	112.4	PARKE	IN					98
1	61.3					POSEY	IN					
				1*	112.4	RANDOLPH	IN					98
1*	54.5					RUSH	IN					
7	21.2	7	10.8	16	19.7	ST JOSEPH	IN	-49	81	-7	58	83
2*	83.3	1	40.9			SHELBY	IN	-51				
		1*	38.3			SPENCER	IN					
1*	344.1					SWITZERLAND	IN					
		1	14.1			TIPPECANOE	IN					
9	21.9	8	13.3	11	17.4	VANDERBURGH	IN	-39	31	-21	49	80
7	28.6	7	27.5	3	10.2	VIGO	IN	-4	-63	-64	15	66
3	21.4	4	22.9	5	21.7	WAYNE	IN	7	-5	1	63	86
				1*	112.4	WELLS	IN					98
23	22.9	15	11.3	18	9.4	IOWA	IA	-51	-17	-59		
2	21.4	1	10.6	4	14.4	BLACK HAWK	IA	-50	35	-33	39	74
1*	424.0					DAVIS	IA					
				1*	163.6	DUBUQUE	IA					99
		1*	112.4			HARRISON	IA					
2	35.0	1	13.2			LEE	IA	-62				
2	39.8					LINN	IA					
1*	70.7					MAHASKA	IA					
1*	112.4	1*	86.0			MUSCATINE	IA	-23				
8	19.0	7	12.5	11	15.2	POLK	IA	-34	21	-20	49	76
2*	73.0	2	50.9			POTTAWATTAMIE	IA	-30				
		1	5.2	1	7.2	SCOTT	IA		39			60
1	26.5					WAPELLO	IA					
3*	48.0	1	14.1	1	9.9	WOODBURY	IA	-71	-29	-79	04	65
60	15.0	59	12.5	51	8.2	KANSAS	KS	-17	-34	-45		
				1	44.6	ALLEN	KS					96
		1*	37.2			ANDERSON	KS					
3	34.7	1	14.1			ATCHISON	KS	-59				
				1	18.6	BARTON	KS					81
1	18.1	3*	56.3			BOURBON	KS	211				
		3*	45.4			COWLEY	KS					
2	91.1	1	28.7	2*	29.8	CRAWFORD	KS	-69	4	-67	13	92
3	24.8					DOUGLAS	KS					
				1	74.3	FINNEY	KS					97
1*	74.5					FORD	KS					
		1	47.1	1	28.7	FRANKLIN	KS		-39			92
1	31.5			1	7.1	GEARY	KS			-77	06	60
		1	44.6	1	33.5	HARVEY	KS		-25			93
		1	23.6			JACKSON	KS					
		1*	273.2			JEFFERSON	KS					
1	15.6	1	11.7			JOHNSON	KS	-25				
1	9.6	1	17.0	1	7.0	LABETTE	KS	77	-59	-27	44	60
4	26.6	1	5.9	4	23.0	LEAVENWORTH	KS	-78	291	-14	54	88
		1*	112.4			LINN	KS					
1	31.3					LYON	KS					
1	6.3	3	23.1	1	2.7	MONTGOMERY	KS	268	-89	-58	20	55
				1	61.3	NEOSHO	KS					97
				1*	89.3	PAWNEE	KS					98
1	188.7					PRATT	KS					
		1	19.2	1	10.2	RENO	KS		-47			66
1	17.1					RILEY	KS					
		1	26.5			SALINE	KS					
8	14.3	8	10.7	10	8.2	SEDGWICK	KS	-26	-23	-43	32	62
6	12.2	7	13.9	7	10.6	SHAWNEE	KS	14	-24	-13	54	67
		1*	212.0			STEVENS	KS					
25	16.5	21	12.1	17	8.1	WYANDOTTE	KS	-27	-33	-51	26	61
170	16.1	187	15.8	178	13.0	KENTUCKY	KY	-2	-18	-19		
				1*	89.3	ALLEN	KY					98
2*	92.0					ANDERSON	KY					
1	49.7			2*	93.0	BALLARD	KY			87	86	98
1	8.4	1	7.4	1	6.9	BARREN	KY	-12	-8	-18	50	59
1	37.5					BATH	KY					
4*	47.0	1	10.7	1	14.5	BELL	KY	-77	35	-69	12	74
		1*	344.1			BOONE	KY					
2	12.3	1	6.5	2	8.8	BOURBON	KY	-47	37	-28	43	63
		1	15.7	2	30.6	BOYD	KY		94			92
		1	5.5			BOYLE	KY					
		2*	80.5			BRECKINRIDGE	KY					
3	42.1	2	30.7	2	20.7	CALDWELL	KY	-27	-33	-51	26	85
				2*	53.7	CALLOWAY	KY					97
		1	20.6	2*	39.6	CAMPBELL	KY		92			95
6	9.7	14	24.3	9	15.4	CHRISTIAN	KY	152	-36	60	82	76
2	17.8	3	21.7	1	4.4	CLARK	KY	22	-80	-75	07	56
		1	56.2			CUMBERLAND	KY					
2	10.3	2	10.6	1	2.8	DAVIESS	KY	3	-74	-73	08	55

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1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
13	12.4	10	9.0	21	16.1	FAYETTE	KY	-27	78	30	74	78
1	44.6					FLOYD	KY					
8*	67.1	2	15.5	1	7.0	FRANKLIN	KY	-77	-55	-90	00	60
1	12.3	4*	43.2	1	15.2	FULTON	KY	252	-65	24	71	76
		1	14.3	1	44.6	GARRARD	KY		211			96
1	10.3	2	19.5	2	23.5	GRAVES	KY	89	20	128	91	88
				1*	245.4	GRAYSON	KY					99
				1	42.0	GREEN	KY					95
1	19.1					HARDIN	KY					
1	2.7	1	6.1	3	31.3	HARLAN	KY	122	416	1048	99	93
1	36.4					HARRISON	KY					
2	35.8	2	56.6	1	112.4	HART	KY	58	99	214	96	98
		6	29.9	3	12.3	HENDERSON	KY		-59			70
1	14.3			1	24.4	HENRY	KY			70	84	89
		2*	52.5			HICKMAN	KY					
8*	38.1	6	30.7	5	16.2	HOPKINS	KY	-19	-47	-57	20	78
58	17.1	73	17.0	67	12.3	JEFFERSON	KY	0	-28	-28	43	70
				3*	37.4	JESSAMINE	KY					94
4	17.1	5	22.9	4	15.2	KENTON	KY	34	-34	-11	56	76
				1*	344.1	KNOTT	KY					99
2*	90.5					KNOX	KY					
1	24.8			1	31.5	LARUE	KY			27	72	93
		1	18.9			LETCHER	KY					
1	20.4	1	11.2	1	10.2	LINCOLN	KY	-45	-9	-50	26	66
1	6.3	2	16.8	1	4.8	LOGAN	KY	165	-71	-24	46	56
				2*	153.2	LYON	KY					99
1	2.5	6	16.2	5	12.6	MC CRACKEN	KY	553	-22	406	99	70
1*	589.6					MC LEAN	KY					
6*	45.2	7*	46.7			MADISON	KY	3				
				1	15.3	MARION	KY					76
1	10.3	1	10.3	3	34.0	MASON	KY	0	230	230	96	94
				1	42.0	MEADE	KY					95
4*	49.0	1	16.4			MONTGOMERY	KY	-67				
3	32.7	1	7.7	2	23.3	MUHLENBERG	KY	-77	205	-29	42	88
		3	26.9	1	12.8	NELSON	KY		-53			71
2*	43.0					OLDHAM	KY					
				1	70.7	OWEN	KY					97
4*	166.1	1	21.0	1	28.9	PERRY	KY	-87	38	-83	03	92
1	74.3	1	37.8	1	27.0	PIKE	KY	-49	-29	-64	15	91
1*	112.4					POWELL	KY					
1	14.9					PULASKI	KY					
3	21.5			1	6.9	SCOTT	KY			-68	12	59
		1	9.8			SHELBY	KY					
		3	28.8			SIMPSON	KY					
1*	54.7	1*	91.1			SPENCER	KY	67				
1	56.2	1	13.4			TAYLOR	KY	-76				
1	9.3	1	11.2	1	5.7	TODD	KY	21	-49	-38	35	58
2	32.0	1	14.8			TRIGG	KY	-54				
1	12.5	1	14.9	2	26.2	UNION	KY	19	76	110	89	90
4	16.9	2	8.7	7	22.3	WARREN	KY	-48	156	32	74	87
		2	36.6	1	9.3	WASHINGTON	KY		-75			64
1	8.6	1	8.6			WEBSTER	KY	0				
2	19.5	3	30.6	3	31.7	WOODFORD	KY	57	4	62	83	93
789*	21.0	902*	20.0	1180*	21.7	LOUISIANA	LA	-5	9	4		
10	31.4	5	10.8	13*	28.2	ACADIA	LA	-65	160	-10	56	91
6	32.9	7	30.4	2	8.0	ALLEN	LA	-8	-74	-76	07	61
6	14.0	8	20.0	10	21.7	ASCENSION	LA	43	9	55	81	86
11*	55.5	5	17.9	6	20.7	ASSUMPTION	LA	-50	16	-42	33	85
6	13.9	17*	39.5	6	10.6	AVOYELLES	LA	184	-73	-24	46	66
4	31.5	4	21.6	2	9.7	BEAUREGARD	LA	-32	-55	-69	11	65
4	11.0	6	15.8	5	9.2	BIENVILLE	LA	44	-42	-17	52	64
8	14.8	5	7.4	8	9.9	BOSSIER	LA	-50	34	-33	39	65
57	16.9	62	15.5	85*	18.1	CADDO	LA	-8	17	7	65	81
24*	33.1	15	14.6	30*	22.2	CALCASIEU	LA	-56	52	-33	39	87
1	11.2	1	9.0	1	8.1	CALDWELL	LA	-19	-10	-27	43	61
		1*	94.4			CAMERON	LA					
3	14.1	2	8.7	1	4.9	CATAHOULA	LA	-38	-44	-66	14	57
10	21.6	3	5.9	5	7.0	CLAIBORNE	LA	-73	19	-68	12	60
9	22.1	6	13.1	10	19.0	CONCORDIA	LA	-41	45	-14	53	82
15	24.9	10	14.7	13	13.0	DE SOTO	LA	-41	-12	-48	28	71
65*	28.8	103*	34.2	79*	20.8	EAST BATON ROUGE	LA	19	-39	-28	43	85
14*	28.8	14*	24.5	8	15.5	EAST CARROLL	LA	-15	-37	-46	29	76
7	14.4	7	13.8	9	18.1	EAST FELICIANA	LA	-4	31	26	72	81
2	10.5	7	30.5	4	13.2	EVANGELINE	LA	189	-57	25	72	72
8	19.7	8	19.4	6	12.3	FRANKLIN	LA	-1	-36	-37	36	70
		3	17.5	6*	36.4	GRANT	LA		108			94
7	13.6	16*	25.9	18*	24.5	IBERIA	LA	91	-5	81	86	89
8	12.9	11	17.5	14	20.7	IBERVILLE	LA	36	18	61	82	85
6	33.0	3	10.8	2	7.3	JACKSON	LA	-67	-33	-78	05	60
8	10.6	19	17.4	80*	47.5	JEFFERSON	LA	64	173	348	98	96
1	3.5	4	18.5	6	22.7	JEFFERSON DAVIS	LA	432	23	553	99	87
9	17.8	13	18.1	23*	24.5	LAFAYETTE	LA	1	36	38	76	89
5	27.4	8*	34.2	3	9.3	LAFOURCHE	LA	25	-73	-66	14	64
2	25.8	4*	52.0	2	22.1	LA SALLE	LA	101	-58	-15	53	86
3	7.4	10	20.6	7	11.0	LINCOLN	LA	178	-47	49	79	67
4*	35.7	4	25.7	4	28.2	LIVINGSTON	LA	-28	10	-21	48	91
8	18.0	11	21.1	9	16.3	MADISON	LA	17	-23	-10	57	78
10	16.1	15	18.5	10	12.3	MOREHOUSE	LA	15	-34	-24	46	70
10	13.0	11	15.9	13	16.2	NATCHITOCHES	LA	23	2	25	72	78
217*	24.8	204*	19.2	357*	27.0	ORLEANS	LA	-23	41	9	66	91
20	16.5	33*	21.4	30	16.3	OUACHITA	LA	30	-24	-1	62	78
1	6.7	4	22.1	6*	30.6	PLAQUEMINES	LA	231	39	360	98	92
10	21.2	10	19.7	5	9.6	POINTE COUPEE	LA	-7	-51	-55	23	65
28	19.9	36	22.7	41*	22.3	RAPIDES	LA	14	-2	12	67	87
1	3.5	1	6.0	1	6.4	RED RIVER	LA	74	6	84	86	59
8	20.5	5	10.4	5	10.8	RICHLAND	LA	-49	4	-47	28	67
1	4.2	1	4.3	6	23.1	SABINE	LA	2	436	445	99	88
		3	38.2	2	17.8	ST BERNARD	LA		-54			80

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PEPCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
3	12.5	4	17.2	2	6.8	ST CHARLES	LA	38	-60	-45	29	59
2	8.8	3	13.2			ST HELENA	LA	50				
2	4.4	15*	41.2	9	21.7	ST JAMES	LA	832	-47	390	98	86
10*	36.1	8	21.8	16*	36.4	ST JOHN THE BAPT	LA	-40	67	1	63	94
24	22.8	23	18.9	31*	20.7	ST LANDRY	LA	-17	9	-9	57	85
5	18.4	6	17.3	9	19.3	ST MARTIN	LA	-6	12	5	64	83
22*	36.2	20*	30.5	26*	35.6	ST MARY	LA	-16	17	-2	61	94
4	13.0	12*	28.1	10	17.7	ST TAMMANY	LA	116	-37	36	76	80
15	22.5	14	19.0	34*	33.2	TANGIPAHOA	LA	-16	75	48	79	93
6	14.5	10	24.7	12*	30.2	TENSAS	LA	70	22	108	88	92
13*	38.0	14*	32.5	13*	23.6	TERREBONNE	LA	-14	-27	-33	35	88
4	16.5	4	13.4	12*	35.7	UNION	LA	-19	165	116	90	94
1	5.8	3	14.8	4	16.7	VERMILION	LA	156	13	189	95	79
2	30.5	2	17.8	5*	36.1	VERNON	LA	-42	103	18	70	94
17*	35.6	9	14.5	11	15.1	WASHINGTON	LA	-59	4	-58	20	75
7	11.9	9	13.7	19*	20.6	WEBSTER	LA	15	51	73	84	85
7	23.9	9*	29.2	6	18.7	WEST BATON ROUGE	LA	22	-36	-22	47	82
1	8.8	2	13.3	1	7.3	WEST CARROLL	LA	51	-45	-18	51	60
3	13.0	2	10.4	2	14.5	WEST FELICIANA	LA	-20	39	11	67	74
4	24.7	8*	31.8	5	16.6	WINN	LA	29	-48	-33	39	78
4	32.2	1	5.4	2	7.8	MAINE	ME	-83	45	-76		
1	32.7			1	13.4	CUMBERLAND	ME			-59	19	72
1*	133.9					KENNEBEC	ME					
1	37.5					PENOBSCOT	ME					
				1	68.8	WASHINGTON	ME					97
1*	172.0	1*	38.3			YORK	ME	-78				
313*	19.9	415*	19.2	586*	18.4	MARYLAND	MD	-4	-4	-8		
2	53.7	1	11.6			ALLEGANY	MD	-78				
21	26.7	25	20.7	21	14.9	ANNE ARUNDEL	MD	-23	-28	-44	31	75
8	13.5	13	17.9	14	11.3	BALTIMORE	MD	33	-37	-16	52	68
		3	13.9	7	27.1	CALVERT	MD		94			91
2	14.6	6*	35.7	3	15.1	CAROLINE	MD	144	-58	3	63	75
		1	9.8	1	5.8	CARROLL	MD		-41			58
1	12.8	2	19.5	4	29.3	CECIL	MD	53	50	130	91	92
2	6.7	3	13.1	9	17.9	CHARLES	MD	97	36	167	94	80
5	13.6	3	7.8	9	18.2	DORCHESTER	MD	-43	134	33	75	81
4	22.1	5	21.5	1	3.5	FREDERICK	MD	-3	-84	-84	02	55
2	7.9	7	24.0	5	12.2	HARFORD	MD	203	-49	54	81	69
1	9.8	2	18.8	5	19.2	HOWARD	MD	91	2	95	87	83
3	19.1	3	17.2	9*	42.5	KENT	MD	-10	147	122	90	95
11	33.0	6	12.2	25	17.5	MONTGOMERY	MD	-63	44	-47	28	80
7	7.9	11	7.6	40	10.2	PRINCE GEORGE'S	MD	-4	34	29	73	66
6*	42.0	6	29.4	3	11.2	QUEEN ANNE'S	MD	-30	-62	-73	08	68
5	23.2	3	14.1	5	16.3	ST MARY'S	MD	-39	16	-30	41	78
5	15.1	8	21.5	8	22.3	SOMERSET	MD	42	4	47	79	87
6	27.0	2	5.4	6	16.0	TALBOT	MD	-80	194	-41	33	77
2	18.9	2	19.4	3	24.1	WASHINGTON	MD	3	24	28	73	88
7	17.8	9	18.7	18*	27.8	WICOMICO	MD	5	48	56	82	91
6	21.1	4	14.5	7	17.1	WORCESTER	MD	-31	18	-19	50	79
207*	21.0	290*	21.5	383*	20.8	BALTIMORE CITY	MD	2	-3	-1	61	85
88*	23.7	74	12.8	111	11.1	MASSACHUSETTS	MA	-46	-13	-53		
2	27.8	1	8.9			BARNSTABLE	MA	-68				
1	14.9	1	11.1	3	25.6	BERKSHIRE	MA	-25	131	72	84	90
10*	57.4	3	11.6	3	5.2	BRISTOL	MA	-80	-56	-91	00	57
		1	112.4	2	25.1	DUKES	MA		-78			90
2	17.3	2	9.3	1	2.4	ESSEX	MA	-46	-74	-86	02	55
7	26.1	7	16.9	17	18.1	HAMPDEN	MA	-35	7	-31	40	81
				1	12.4	HAMPSHIRE	MA					70
12	19.9	10	12.0	16	11.1	MIDDLESEX	MA	-40	-7	-44	30	67
1*	86.0					NANTUCKET	MA					
3	28.4	1	4.4	3	11.4	NORFOLK	MA	-84	158	-60	18	68
1	8.3	6	33.0	3	6.8	PLYMOUTH	MA	299	-80	-18	51	59
45	23.2	41	12.4	59	11.5	SUFFOLK	MA	-46	-7	-50	26	68
4	30.2	1	4.8	3	6.7	WORCESTER	MA	-84	40	-78	05	59
293	16.6	401	13.6	570	12.7	MICHIGAN	MI	-18	-6	-23		
1*	188.7					ALCONA	MI					
		1	20.6	2	28.2	ALLEGAN	MI		37			91
2*	267.9					ANTRIM	MI					
				2	29.3	BAY	MI					92
2	6.2	6	11.0	9	11.8	BERRIEN	MI	77	8	91	87	69
3	14.8	5	16.1	11	18.8	CALHOUN	MI	9	17	27	73	82
5	34.3	2	8.4	5	16.8	CASS	MI	-75	100	-51	25	79
				1*	122.7	CHEBOYGAN	MI					98
1	81.8					CHIPPEWA	MI					
		1*	267.9			CLARE	MI					
1*	182.2					CLINTON	MI					
				1*	70.1	DELTA	MI					97
1	23.6			1	33.5	EMMET	MI			42	78	93
10	10.6	15	12.4	26	13.7	GENESEE	MI	17	11	29	74	73
3	25.4	2	7.6	4	7.2	INGHAM	MI	-70	-5	-72	10	60
2	13.7			4	10.5	JACKSON	MI			-23	47	66
5	36.2	6	27.5	3	7.4	KALAMAZOO	MI	-24	-73	-80	04	60
5	19.0	8	13.9	15	15.7	KENT	MI	-27	13	-17	51	77
4	34.4	5	24.5	3	21.2	LAKE	MI	-29	-13	-38	35	86
1*	106.0	1*	141.3			LEELANAU	MI	33				
				1	19.6	LENAWEE	MI					83
				1*	163.6	LUCE	MI					99
1*	112.4					MACKINAC	MI					
3	23.8	7	24.9	9	24.4	MACOMB	MI	4	-2	2	63	89
				1	15.7	MIDLAND	MI					77
		1	11.9	1	6.5	MONROE	MI		-46			59
7	30.4	6	16.4	13	17.7	MUSKEGON	MI	-46	8	-42	32	80

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
		1	24.8			NEWAYGO MI					
11	15.3	7	7.8	22	13.8	OAKLAND MI	-49	76	-10	57	73
				1	112.4	OCEANA MI					98
				1	18.2	OTTAWA MI					81
				1*	596.2	ROSCOMMON MI					99
11*	29.6	9	15.0	13	13.5	SAGINAW MI	-49	-10	-54	24	72
1	13.3	1	6.4	3	20.0	ST CLAIR MI	-52	215	51	80	84
				5*	49.3	ST JOSEPH MI					96
2	14.3	2	7.0	5	12.2	VAN BUREN MI	-51	75	-15	53	69
3	7.3	1	2.1	7	10.9	WASHTENAW MI	-70	408	50	80	67
208	15.6	314	14.1	399	12.2	WAYNE MI	-9	-14	-22	47	69
16	14.1	19	10.6	25	9.0	MINNESOTA MN	-25	-15	-36		
1*	267.9					AITKIN MN					
3*	73.4	1	18.7	1	18.2	BECKER MN	-74	-3	-75	07	81
				1	16.1	BELTRAMI MN					78
				1*	94.4	BLUE EARTH MN					98
2*	122.4					CARLTON MN					
				1	15.6	CASS MN					76
				1*	245.4	CLAY MN					99
				1	9.2	DAKOTA MN					64
8	18.6	10	12.6	11	9.7	HENNEPIN MN	-32	-23	-48	28	65
1	37.3					ITASCA MN					
				1*	196.5	NICOLLET MN					99
1	3.0	8	16.3	6	7.9	RAMSEY MN	435	-52	158	93	61
				1*	133.9	SHERBURNE MN					99
750*	20.7	697*	18.0	621	14.2	MISSISSIPPI MS	-13	-21	-32		
22*	25.8	18	19.9	9	8.7	ADAMS MS	-23	-56	-66	13	63
8*	42.2	1	5.3	1	5.7	ALCORN MS	-87	8	-86	01	58
4	14.8	3	9.0	5	17.6	AMITE MS	-39	96	19	70	80
5	13.1	5	13.2	2	3.5	ATTALA MS	1	-74	-73	08	55
		1	11.2	2	15.8	BENTON MS		40			77
29	17.2	26	16.5	26	16.6	BOLIVAR MS	-4	0	-4	61	78
2	15.5	5*	35.0	3	19.9	CALHOUN MS	127	-43	29	73	84
6	19.8	4	17.0	4	20.7	CARROLL MS	-14	22	5	64	85
1	3.3	5	16.7	4	12.8	CHICKASAW MS	409	-23	290	97	71
4	36.6					CHOCTAW MS					
7	20.1	3	9.1	10	23.1	CLAIBORNE MS	-55	154	15	69	88
5	19.5	9*	29.4	3	9.3	CLARKE MS	51	-68	-52	24	64
7	17.7	3	7.4	4	8.6	CLAY MS	-58	17	-52	25	63
30	21.7	37*	25.9	40*	28.6	COAHOMA MS	20	11	32	74	92
9	14.7	9	13.8	8	9.6	COPIAH MS	-6	-30	-34	38	65
4	21.7	5	25.4	3	10.9	COVINGTON MS	17	-57	-50	26	67
7	11.5	18*	33.3	5	8.1	DE SOTO MS	191	-76	-29	42	62
16*	25.2	12	16.8	16	18.5	FORREST MS	-33	10	-27	44	81
7*	43.6	4	23.1	6*	26.6	FRANKLIN MS	-47	15	-39	34	90
		1	17.1			GREENE MS					
9	22.8	9	19.4	3	5.5	GRENADA MS	-15	-72	-76	07	57
3	33.2	2	19.2	4	24.8	HANCOCK MS	-42	29	-25	45	89
11	16.9	9	12.7	20	17.9	HARRISON MS	-25	41	6	65	80
58*	25.1	60	19.7	78*	19.5	HINDS MS	-21	-1	-22	47	83
14	16.1	13	14.6	12	15.2	HOLMES MS	-10	4	-6	60	76
8	14.5	10	20.8	5	9.5	HUMPHREYS MS	43	-54	-34	38	64
3	22.7	3	26.7	1	10.2	ISSAQUENA MS	18	-62	-55	23	66
1	74.3	1	33.5	1	10.7	ITAWAMBA MS	-55	-68	-86	02	67
3	11.9	5	14.8	2	4.1	JACKSON MS	24	-72	-65	14	56
3	8.8	4	12.4	5	12.2	JASPER MS	42	-2	39	77	69
3	8.1	4	9.3	1	1.8	JEFFERSON MS	15	-80	-77	06	54
5	21.7	3	9.1	3	9.0	JEFFERSON DAVIS MS	-58	-1	-59	19	63
11	21.1	10	16.9	15	18.8	JONES MS	-20	12	-11	56	82
5	17.0	4	14.3	7	21.4	KEMPER MS	-16	50	26	72	86
8	29.1	6	18.7	4	12.7	LAFAYETTE MS	-36	-32	-56	21	71
2	28.4	1	8.6	1	12.3	LAMAR MS	-70	43	-57	21	70
20	20.9	20	18.0	14	11.5	LAUDERDALE MS	-14	-36	-45	30	68
3	19.0	1	5.5	5	28.2	LAWRENCE MS	-71	412	48	79	91
6	25.8	4	12.4	1	2.4	LEAKE MS	-52	-81	-91	00	55
13*	30.9	10	23.9	10	18.7	LEE MS	-23	-22	-40	34	82
22	19.5	15	12.1	15	10.7	LEFLORE MS	-38	-12	-45	29	67
6	16.8	9	26.7	4	8.0	LINCOLN MS	59	-70	-52	24	61
12	15.8	18	21.9	15	16.9	LOWNDES MS	38	-23	7	65	79
14	15.4	22*	24.1	20	19.9	MADISON MS	57	-18	29	73	84
11*	42.2	8	22.3	4	9.6	MARION MS	-47	-57	-77	06	65
11	18.5	13	22.6	11	14.6	MARSHALL MS	22	-35	-21	48	74
13	24.0	7	11.3	9	12.8	MONROE MS	-53	13	-47	28	71
10*	47.6	1	4.3	7	20.9	MONTGOMERY MS	-91	387	-56	22	85
1	8.0			2	8.5	NESHOBA MS			6	64	62
5	20.1	3	11.3	6	18.8	NEWTON MS	-44	66	-7	59	82
16*	29.1	8	15.9	5	10.2	NOXUBEE MS	-45	-36	-65	14	66
7	17.9	14*	29.7	8	12.6	OKTIBBEHA MS	66	-58	-30	41	70
16	23.8	11	17.8	6	9.4	PANOLA MS	-25	-47	-60	17	64
1	5.2	4	17.8			PEARL RIVER MS	240				
1	9.7	1	9.4	1	8.6	PERRY MS	-2	-9	-11	55	62
6	10.8	14	21.1	7	8.4	PIKE MS	95	-60	-22	47	62
10*	90.8	2	13.9	5*	33.4	PONTOTOC MS	-85	141	-63	15	93
		1	9.8	5*	43.3	PRENTISS MS		341			95
13	27.0	7	15.5	11*	24.4	QUITMAN MS	-43	58	-9	57	89
3	5.8	13	19.9	4	5.2	RANKIN MS	244	-74	-10	57	57
1	3.1	13*	42.7	2	5.2	SCOTT MS	1267	-88	66	83	57
6	18.3	5	18.0	1	5.3	SHARKEY MS	-2	-71	-71	10	57
3	8.8	5	16.2	6	20.8	SIMPSON MS	84	28	135	92	85
2	34.6	3	40.5			SMITH MS	17				
23	19.8	24	21.8	23*	21.1	SUNFLOWER MS	10	-3	7	65	86
12	19.5	13	21.8	9	15.8	TALLAHATCHIE MS	12	-28	-19	50	77
14*	41.2	6	16.1	3	7.7	TATE MS	-61	-52	-81	03	61
2	21.6	3	25.7	2	12.5	TIPPAH MS	19	-51	-42	32	70
1	26.8	1	112.4			TISHOMINGO MS	319				
13	21.3	14*	29.4	3	8.7	TUNICA MS	38	-70	-59	18	63

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
4	25.3	7*	42.7	3	16.5	UNION MS	69	-61	-35	37	78
4	25.0	5	21.2	3	13.2	WALTHALL MS	-15	-38	-47	28	72
31*	29.0	25	22.2	26*	19.4	WARREN MS	-24	-12	-33	38	83
45	22.7	30	14.9	29	13.4	WASHINGTON MS	-34	-10	-41	33	72
5	25.0	1	4.7	3	12.4	WAYNE MS	-81	163	-50	26	70
1	13.7			2	22.7	WEBSTER MS			66	83	87
8	25.0	5	11.9	5	14.2	WILKINSON MS	-52	20	-43	32	74
1	5.0	1	3.8	2	6.4	WINSTON MS	-25	68	27	72	59
7	29.6	3	13.9	4	16.3	YALOBUSHA MS	-53	17	-45	30	78
27*	31.2	14	16.0	7	8.5	YAZOO MS	-49	-47	-73	09	62
255	16.1	362*	18.3	407*	16.3	MISSOURI MO	13	-11	1		
2	26.4	2	21.2			AUDRAIN MO	-20				
2	10.5	4	21.9	12*	53.9	BOONE MO	108	146	412	99	97
4	19.1	1	6.2	2	8.5	BUCHANAN MO	-67	36	-56	22	62
2	19.8	4	26.6	2	14.9	BUTLER MO	34	-44	-25	45	75
1	7.3	3	19.4			CALLAWAY MO	165				
1	10.1					CAPE GIRARDEAU MO					
		1	81.8			CARROLL MO					
3*	55.3	1	20.6	1	39.0	CHARITON MO	-63	89	-29	41	95
				1	13.5	CLAY MO					72
1	11.2			1	12.7	COLE MO			14	68	71
2	30.6	2	32.1	2	43.6	COOPER MO	5	36	43	78	96
				1	12.5	DUNKLIN MO					70
		1	38.2			FRANKLIN MO					
2	13.3	5	36.9	2	14.4	GREENE MO	178	-61	8	66	74
1	99.4			1	60.6	HENRY MO			-39	34	97
2	25.0	3	29.7	3*	26.9	HOWARD MO	19	-9	8	65	91
41	13.2	84	19.4	93	16.1	JACKSON MO	48	-17	22	71	78
3	38.4	3	33.6			JASPER MO	-12				
2	51.6			1	28.4	JEFFERSON MO			-45	30	92
				1	24.4	JOHNSON MO					89
1	11.2	1	16.6	3*	27.3	LAFAYETTE MO	48	65	144	92	91
1	37.2	1	37.5			LINN MO	1				
1	49.1					LIVINGSTON MO					
		1	47.2			MACON MO					
1	7.5	5*	51.1	4*	36.4	MARION MO	584	-29	386	98	94
4	18.9	1	5.9	5	25.3	MISSISSIPPI MO	-69	331	34	75	90
		2*	94.8	1	81.8	MONROE MO		-14			98
2*	51.0			1	22.5	MONTGOMERY MO			-56	22	87
2	9.9	2	8.5	4	18.6	NEW MADRID MO	-14	119	88	87	81
1*	94.4					NEWTON MO					
5	13.6	9	22.6	1	2.0	PEMISCOT MO	66	-91	-86	02	54
6*	49.3	1	7.0	4	45.7	PETTIS MO	-86	554	-7	58	96
				2*	279.8	PHELPS MO					99
1	9.3			2	31.5	PIKE MO			238	97	93
		1*	106.0			PLATTE MO					
1	9.8	3	38.5			RANDOLPH MO	291				
				1	85.2	RAY MO					98
		2	34.6	8*	112.9	ST CHARLES MO		226			98
1*	281.2			1*	141.3	ST CLAIR MO			-50	26	99
1*	74.3					STE GENEVIEVE MO					
16	18.2	10	8.4	34	12.7	ST LOUIS COUNTY MO	-54	52	-30	41	71
1	11.4	2	18.9	3	30.2	SALINE MO	66	60	165	93	92
1	6.9	2	14.8	2	14.6	SCOTT MO	115	-2	111	89	74
		3*	66.6			STODDARD MO					
				1*	188.7	TANEY MO					99
				1	38.5	WARREN MO					95
140	16.9	202*	19.2	206*	16.5	ST LOUIS CITY MO	14	-14	-2	61	78
15	25.4	19*	28.8	11	11.9	MONTANA MT	14	-59	-53		
4*	88.5	5*	59.8	2	17.2	BIG HORN MT	-32	-71	-81	04	79
		5*	107.7	1	19.1	BLAINE MT		-62			82
1	62.9					CASCADE MT					
2	17.7	4	31.8	3	17.7	GLACIER MT	79	-44	0	62	80
		1	31.5			HILL MT					
				2	19.4	LAKE MT					83
1	78.1	1	37.2			LEWIS AND CLARK MT	-52				
1*	267.9					LINCOLN MT					
		1*	84.8			PONDERA MT					
5*	75.0			1	10.5	ROOSEVELT MT			-86	02	66
1	19.1	1	53.0	2	49.4	ROSEBUD MT	177	-7	158	93	96
		1*	65.5			SANDERS MT					
19	17.7	27	18.2	11	5.5	NEBRASKA NB	3	-70	-69		
		1*	39.0			BOX BUTTE NB					
		1*	298.1			DAWES NB					
14	17.0	20	18.5	10	6.9	DOUGLAS NB	9	-63	-60	18	59
3	43.7	3	31.2	1	7.9	LANCASTER NB	-29	-75	-82	03	61
1	45.9					SCOTTS BLUFF NB					
1	13.6	1	37.2			THURSTON NB	173				
		1*	56.2			WASHINGTON NB					
9	22.9	17	27.4	12	8.3	NEVADA NV	19	-70	-64		
		1	43.0			CHURCHILL NV					
3	12.4	7	28.5	7	5.5	CLARK NV	130	-81	-56	23	57
1	22.5	1	14.9			ELKO NV	-34				
1*	344.1					ESMERALDA NV					
1*	99.4					HUMBOLDT NV					
				2*	93.4	LYON NV					98
1	37.7	1	53.0	2*	111.5	MINERAL NV	40	110	195	95	98
		2*	173.8			NYE NV					
2	21.9	4	35.9	1	2.8	WASHOE NV	64	-92	-87	01	55
		1*	59.6			ORMSBY-CARSON CITY NV					

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NON-WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	PERCENT CHANGE 70S/60S	PERCENT CHANGE 70S/50S	PERCENTILE %CHANGE RATES 70S/50S	PERCENTILE %CHANGE RATES 1970S
2	50.4			1	3.5	NEW HAMPSHIPE	NH			-93		
				1	10.8	HILLSBOROUGH	NH					67
2*	143.4					ROCKINGHAM	NH					
212	14.2	265	11.4	367	10.4	NEW JERSEY	NJ	-20	-9	-27		
7	4.9	15	9.2	22	10.4	ATLANTIC	NJ	88	12	112	89	66
4	9.5	12	12.4	9	5.2	BERGEN	NJ	31	-58	-45	30	57
4	8.8	6	10.1	12	12.8	BURLINGTON	NJ	15	27	46	79	71
17	16.9	29	16.9	26	11.6	CAMDEN	NJ	0	-32	-31	40	68
3	15.7	1	3.9	6	18.6	CAPE MAY	NJ	-75	380	19	70	82
9	18.5	6	12.2	9	10.2	CUMBERLAND	NJ	-34	-16	-45	30	66
70	14.1	80	9.2	135	11.3	ESSEX	NJ	-34	23	-19	50	68
6	18.9	9	16.5	10	14.5	GLOUCESTER	NJ	-13	-13	-24	46	74
21	21.5	36	21.9	35	12.1	HUDSON	NJ	2	-45	-44	31	69
10	10.8	14	11.4	15	7.7	MERCER	NJ	5	-33	-29	42	61
4	15.0	8	19.4	6	4.5	MIDDLESEX	NJ	30	-77	-70	11	56
13	11.8	12	8.2	16	7.8	MONMOUTH	NJ	-30	-5	-33	38	61
2	7.7	6	16.4	4	7.6	MORRIS	NJ	114	-54	-1	62	61
3	37.3			6	19.6	OCEAN	NJ			-48	28	83
9	17.1	12	14.3	17	8.1	PASSAIC	NJ	-16	-43	-52	24	61
5	25.7	3	6.9	4	8.5	SALEM	NJ	-73	24	-67	13	62
2	18.1	2	17.5	3	9.2	SOMERSET	NJ	-4	-47	-49	27	64
1*	119.2			1	14.9	SUSSEX	NJ			-88	01	75
21	18.4	14	8.0	29	10.2	UNION	NJ	-57	28	-45	30	66
1	38.5			2	28.7	WARREN	NJ			-25	45	92
25	18.1	35	17.2	61	12.0	NEW MEXICO	NM	-5	-31	-34		
1	6.5	4	21.9	7	8.7	BERNALILLO	NM	235	-60	33	75	63
1	17.2	2	39.1	3	20.1	CHAVES	NM	127	-49	17	69	84
1	112.4					CURRY	NM					
1	34.4					DONA ANA	NM					
		1	21.1	1	19.3	EDDY	NM		-8			83
		2	14.4	2	16.4	LEA	NM		14			78
		1*	98.3			LINCOLN	NM					
				1	18.8	LUNA	NM					82
14*	33.2	12	24.2	14	16.0	MC KINLEY	NM	-27	-34	-52	25	77
1	15.9	1	5.3	3	26.8	OTERO	NM	-66	401	68	84	90
				1	17.7	QUAY	NM					80
2	42.5	1	12.4	2	4.7	RIO ARRIBA	NM	-71	-62	-89	01	56
		3	17.1	8*	25.8	SANDOVAL	NM		50			90
3	10.9	5	14.8	13	26.8	SAN JUAN	NM	36	81	145	92	91
1	28.3	1	23.6			TAOS	NM	-17				
		2	10.5	6	16.3	VALENCIA	NM		56			78
723	17.2	961	13.7	1324	11.6	NEW YORK	NY	-20	-15	-32		
5	28.6	2	4.1	11	17.6	ALBANY	NY	-86	324	-39	35	80
70	15.4	97	9.9	181	10.2	BRONX	NY	-36	3	-34	38	66
1	15.7	1	11.5	2	12.3	BROOME	NY	-27	8	-22	48	70
1	23.6	1	11.2	1	10.5	CATTARAUGUS	NY	-52	-6	-55	23	66
1	18.7					CHAUTAUQUA	NY					
		1	11.9	3	21.6	CHEMUNG	NY		82			86
1	21.5	2	42.0			COLUMBIA	NY	95				
2	5.5	3	7.1	7	12.4	DUTCHESS	NY	29	74	125	91	70
25	13.8	36	11.7	51	12.0	ERIE	NY	-15	3	-13	54	69
1	14.2	2	28.5	2	25.3	FRANKLIN	NY	101	-11	78	85	90
4*	294.1					FULTON	NY					
				1	12.8	GENESEE	NY					71
		1	31.4			GREENE	NY					
135	16.4	177	10.0	327	11.7	KINGS(BROOKLYN)	NY	-39	16	-29	42	69
3	5.3	13	14.5	26	16.9	MONROE	NY	171	17	216	96	79
15	15.2	23	13.0	39	12.2	NASSAU	NY	-14	-6	-19	50	69
354*	20.2	434*	19.9	390	13.9	NEW YORK(MANHATTAN)	NY	-1	-30	-31	40	73
2	10.7	3	16.2	3	7.2	NIAGARA	NY	51	-55	-32	39	60
2	22.9	3	16.5	1	4.9	ONEIDA	NY	-28	-70	-79	04	57
7	36.3	4	9.4	7	8.5	ONONDAGA	NY	-74	-10	-77	06	62
		1	13.4			ONTARIO	NY					
		4	8.5	8	13.6	ORANGE	NY		59			72
1*	344.1					OSWEGO	NY					
42	11.4	88	10.5	143	8.7	QUEENS	NY	-8	-17	-23	46	63
6	27.8	6	17.5	7	7.4	RICHMOND	NY	-37	-58	-73	08	60
1	2.1	3	7.2	5	6.2	ROCKLAND	NY	243	-14	194	95	58
				1	23.6	ST LAWRENCE	NY					88
2	51.8			3	24.7	SARATOGA	NY			-52	24	89
2	11.8			2	8.1	SCHENECTADY	NY			-31	40	61
				1	23.6	SENECA	NY					88
				2	43.8	STEUBEN	NY					96
12	12.9	11	5.9	26	10.1	SUFFOLK	NY	-54	71	-21	48	65
				3	15.3	SULLIVAN	NY					76
1*	112.4					TIOGA	NY					
1	24.8			2	22.1	TOMPKINS	NY			-11	56	86
		4	26.0	1	3.7	ULSTER	NY		-86			56
		1	37.2	1	8.2	WAYNE	NY		-78			62
26	14.7	40	11.9	67	13.3	WESTCHESTER	NY	-19	12	-9	57	72
469	12.5	756*	16.9	1010*	17.4	NORTH CAROLINA	NC	35	3	39		
10	23.4	12	18.8	10	11.2	ALAMANCE	NC	-20	-40	-52	25	68
		2	48.9	2	32.5	ALEXANDER	NC		-34			93
1*	80.4	1*	68.3			ALLEGHANY	NC	-15				
4	9.6	9	17.9	8	13.2	ANSON	NC	86	-26	37	76	72
4	6.7	12	20.9	11	16.0	BEAUFORT	NC	214	-24	140	92	77
8	15.8	5	8.8	8	13.5	BERTIE	NC	-44	53	-15	53	72
2	5.6	7	18.7	6	11.0	BLADEN	NC	236	-41	98	88	67
1	4.1	6	21.5	10*	28.2	BRUNSWICK	NC	426	32	592	99	91
9	13.2	12	15.6	12	13.7	BUNCOMBE	NC	18	-12	3	63	73

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE %CHANGE	RATES
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	8.0			3	12.3	BURKE	NC			52	81	70
2	5.9	12	27.4	6	10.3	CABARRUS	NC	362	-62	73	84	66
3	19.6			3	18.4	CALDWELL	NC			-6	60	81
1	11.1			4*	43.8	CAMDEN	NC			296	97	96
3	20.3	1	7.0	2	11.8	CARTERET	NC	-65	67	-42	33	69
5	19.6	5	13.1	8	20.6	CASWELL	NC	-33	58	5	64	85
5	27.8	6	19.9	3	8.1	CATAWBA	NC	-28	-59	-71	10	62
2	8.5	6	17.0	4	8.1	CHATHAM	NC	99	-52	-5	60	61
		1	53.0	1	33.5	CHEROKEE	NC		-37			93
2	8.7	5	22.3	2	6.8	CHOWAN	NC	158	-69	-21	48	59
				1*	112.4	CLAY	NC					98
2	5.1	5	10.8	6	8.7	CLEVELAND	NC	114	-20	71	84	63
5	10.8	15*	28.4	14	18.1	COLUMBUS	NC	162	-36	67	83	81
7	10.6	14	20.8	14	16.8	CRAVEN	NC	97	-19	59	82	79
7	6.7	15	12.7	28	15.5	CUMBERLAND	NC	89	22	130	92	76
2	22.2	2	27.5	2	18.6	CURRITUCK	NC	24	-32	-16	52	81
1	45.9			2*	56.9	DARE	NC			24	71	97
		6	17.4	9	18.8	DAVIDSON	NC		8			82
6	10.7	10	17.3	16*	24.4	DUPLIN	NC	61	41	127	91	89
21	15.0	41*	23.5	49*	20.4	DURHAM	NC	56	-13	36	76	64
13	15.6	16	15.3	23	17.7	EDGECOMBE	NC	-2	15	14	68	80
23	13.0	35	16.4	56*	20.2	FORSYTH	NC	26	23	55	81	84
7	14.9	11	23.1	8	13.5	FRANKLIN	NC	55	-41	-9	55	72
6	10.1	12	14.0	9	9.4	GASTON	NC	39	-33	-7	59	64
1	6.8	1	5.6	3	14.9	GATES	NC	-19	168	118	90	75
9	21.1	14*	29.2	11	16.9	GRANVILLE	NC	39	-42	-20	50	79
4	17.5	3	18.7	5	20.0	GREENE	NC	7	7	15	68	84
28	17.8	37	16.4	62*	22.2	GUILFORD	NC	-8	36	25	72	87
9	10.4	24	22.9	19	14.4	HALIFAX	NC	120	-37	38	76	74
1	3.1	5	9.8	5	8.4	HARNETT	NC	212	-15	166	94	62
				2	32.5	HAYWOOD	NC					93
2	18.3	2	18.2	3	29.5	HENDERSON	NC	0	62	62	82	92
9	18.6	9	18.9	5	7.6	HERTFORD	NC	1	-59	-59	19	61
3	11.4	2	5.7	4	10.6	HOKE	NC	-49	84	-7	59	67
		1	10.2	1	6.7	HYDE	NC		-34			59
4	10.9	11	24.7	9	15.4	IREDELL	NC	126	-38	41	78	76
1	18.2					JACKSON	NC					
8	17.4	11	18.5	16*	26.3	JOHNSTON	NC	6	42	52	80	90
		1	6.4	4	17.4	JONES	NC		174			80
		3	11.9	4	11.4	LEE	NC		-4			68
9	12.5	17	19.2	25*	22.5	LENOIR	NC	54	17	80	85	87
1	11.1	5*	38.1	2	13.0	LINCOLN	NC	243	-66	17	69	71
4*	57.3	1	12.8			MC DOWELL	NC	-78				
				1	27.0	MACON	NC					91
6	14.7			5	8.8	MARTIN	NC			-40	34	63
30	14.2	31	11.4	58	15.3	MECKLENBURG	NC	-20	34	8	65	76
		5	29.0	3	12.7	MONTGOMERY	NC		-56			71
8	21.4	6	13.7	9	14.7	MOORE	NC	-36	8	-31	40	75
4	4.9	20*	25.4	21*	21.3	NASH	NC	422	-16	338	98	86
16	18.7	23*	25.0	26*	22.0	NEW HANOVER	NC	34	-12	18	70	86
7	13.3	13	23.7	7	10.2	NORTHAMPTON	NC	76	-57	-23	46	66
2	12.8	5	15.9	6	14.6	ONSLOW	NC	24	-8	14	68	74
4	13.7	6	16.2	14*	25.8	ORANGE	NC	18	60	88	87	90
1	9.9	2	15.4	2	13.2	PAMLICO	NC	56	-15	33	74	72
4	10.5	5	12.5	7	15.1	PASQUOTANK	NC	19	21	45	78	75
3	9.4	8	22.3	10	20.4	PENDER	NC	137	-9	116	90	84
3	19.3	4	22.8	4	21.4	PERQUIMANS	NC	18	-6	11	67	86
1	4.3	7	23.4	10*	24.9	PERSON	NC	439	6	474	99	89
7	6.3	29*	25.6	34*	25.5	PITT	NC	306	0	305	97	90
		1	13.3	1	14.6	POLK	NC		11			75
2	9.5	3	12.5	9*	28.4	RANDOLPH	NC	32	126	198	95	92
3	7.5	7	13.5	13	22.0	RICHMOND	NC	79	63	193	95	86
12	9.0	15	9.1	28	13.0	ROBESON	NC	2	42	45	78	71
8	14.7	7	11.3	12	16.9	ROCKINGHAM	NC	-24	50	15	68	79
9	20.2	9	15.5	21*	26.5	ROWAN	NC	-23	71	31	74	90
2	12.0	3	12.8	6	21.7	RUTHERFORD	NC	7	70	81	86	86
7	14.3	7	11.2	17	20.7	SAMPSON	NC	-22	85	45	78	85
5	15.0	8	22.0	11	19.4	SCOTLAND	NC	46	-12	29	74	83
3	39.7	1	5.3	4	15.3	STANLY	NC	-87	188	-61	17	76
		1	6.9	4*	46.4	STOKES	NC		569			96
1	10.9	1	6.5	7*	42.7	SURRY	NC	-40	554	293	97	95
				2	41.4	SWAIN	NC					95
		2*	46.2			TRANSYLVANIA	NC					
3	7.7	6	17.7	12*	25.3	UNION	NC	129	43	228	96	90
8	15.3	9	15.9	15	20.5	VANCE	NC	4	29	34	75	84
25	17.6	29	15.1	51*	19.3	WAKE	NC	-14	28	10	66	83
5	10.4	11	23.4	12	19.7	WARREN	NC	125	-16	90	87	84
2	11.0	2	10.9	5	19.6	WASHINGTON	NC	-1	80	79	85	83
12	11.5	16	13.3	20	14.2	WAYNE	NC	16	7	24	71	74
1	16.1	5*	39.3	1	6.7	WILKES	NC	145	-83	-58	20	59
8	12.0	18	19.6	20	19.7	WILSON	NC	64	1	65	83	84
1	89.3			1	15.3	YADKIN	NC			-83	02	76
				1*	267.9	YANCEY	NC					99
3	11.8	11*	34.6	8	17.2	NORTH DAKOTA	ND	193	-50	46		
1	19.1					BENSON	ND					
				1*	37.5	CASS	ND					94
		2*	147.4			DUNN	ND					
				2*	150.2	MC KENZIE	ND					99
		1*	267.9			MORTON	ND					
		1*	267.9			PEMBINA	ND					
		5*	40.3	5	29.6	POLETTE	ND		-27			92
2	62.5	2	38.5			SIOUX	ND	-38				
343	14.8	481	14.2	565	12.3	OHIO	OH	-4	-13	-17		
		4	14.7	7	22.5	ALLEN	OH		53			87
		1*	245.4			ASHLAND	OH					
1	14.5			1	18.6	ASHTABULA	OH			28	73	81

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
1	74.3	1	19.4			ATHENS OH	-74				
1	8.9	2	15.3	1	10.4	BELMONT OH	71	-32	17	69	66
1	32.6					BROWN OH					
2	6.4	11	25.3	7	14.1	BUTLER OH	295	-44	119	90	74
		4*	69.1	1	18.9	CHAMPAIGN OH		-73			82
3	5.9	4	5.8	10	12.3	CLARK OH	-1	113	110	89	70
1	26.8	2	47.4	1	18.9	CLERMONT OH	77	-60	-30	41	82
1	30.7					CLINTON OH					
		3	27.5	1	5.3	COLUMBIANA OH		-81			57
2*	98.2					COSHOCTON OH					
103	13.6	158	15.0	209	13.9	CUYAHOGA OH	10	-7	2	63	73
		2*	56.2			DELAWARE OH					
		5*	25.3	2	12.4	ERIE OH		-51			70
1	12.5					FAYETTE OH					
38	15.6	57	15.9	60	12.2	FRANKLIN OH	1	-23	-22	47	69
4	15.9	2	7.1	1	3.8	GREENE OH	-55	-47	-76	07	56
63	15.9	85	14.6	107	14.0	HAMILTON OH	-8	-4	-12	55	73
				1	47.1	HANCOCK OH					96
				1*	68.8	HARDIN OH					97
		1	37.2			HARRISON OH					
		1	28.9			HIGHLAND OH					
				1	43.0	HURON OH					95
				1*	67.0	JACKSON OH					97
4	19.0	3	11.2	1	3.2	JEFFERSON OH	-41	-72	-83	02	55
1	24.8					KNOX OH					
		2	15.2	2	18.3	LAKE OH		20			81
1	18.6			1	9.3	LAWRENCE OH			-50	26	64
2	59.8	3	37.0	4*	64.5	LICKING OH	-38	75	8	66	97
2*	70.7					LOGAN OH					
5	17.8	10	22.4	6	9.5	LORAIN OH	26	-58	-47	28	64
15	11.7	26	14.2	28	10.7	LUCAS OH	22	-24	-8	58	67
				2*	44.0	MADISON OH					96
16	13.7	18	13.3	17	8.5	MAHONING OH	-3	-36	-38	35	62
				1*	298.1	MERCER OH					99
2	33.8	2	22.3	1	11.2	MIAMI OH	-34	-50	-67	13	68
29	19.2	28	10.5	45	11.8	MONTGOMERY OH	-45	12	-39	34	69
2*	123.2	1	60.6			MORGAN OH	-51				
1	7.6	6*	37.4	3	14.5	MUSKINGUM OH	389	-61	90	87	74
				1	62.9	OTTAWA OH					97
1*	245.4					PAULDING OH					
		1*	94.4			PERRY OH					
				1*	74.3	PIKE OH					97
1	9.2	1	10.3			PORTAGE OH	12				
6*	42.5	3	19.7	7	23.4	RICHLAND OH	-54	19	-45	30	88
4*	50.1	1	8.0	2	13.0	ROSS OH	-84	62	-74	08	71
1	34.4					SANDUSKY OH					
1	11.2	3	34.6			SCIOTO OH	210				
				1	28.1	SENECA OH					91
6	13.4	9	12.1	6	6.0	STARK OH	-10	-51	-55	23	58
14	12.1	16	9.1	20	8.8	SUMMIT OH	-24	-4	-27	43	63
3	17.0	3	5.2	13	7.1	TRUMBULL OH	-70	38	-58	20	60
1	37.7					TUSCARAWAS OH					
		1	86.0			UNION OH					
1*	86.0					VAN WERT OH					
		1	28.4			WARREN OH					
1	25.8			1	19.1	WASHINGTON OH			-26	44	82
1	22.9					WAYNE OH					
185*	20.4	186	15.7	210	12.7	OKLAHOMA OK	-23	-19	-38		
4*	47.1	2	13.7	8*	38.9	ADAIR OK	-71	184	-17	51	95
3*	50.9	2	31.5	3	38.2	ATOKA OK	-38	21	-25	45	94
2	27.5	4*	53.5	1	14.3	BLAINE OK	95	-73	-48	27	74
2	23.0	1	10.0			BRYAN OK	-56				
9*	68.8	5	27.5	5	19.7	CADDO OK	-60	-29	-71	10	83
2	42.7					CANADIAN OK					
4	18.4	11*	44.0	4	10.4	CARTER OK	139	-76	-43	31	66
4	27.8	1	6.1	7	20.9	CHEROKEE OK	-78	243	-25	45	85
2	7.2	4	15.1	3	8.8	CHOCTAW OK	110	-42	22	71	63
1	68.3			3	27.8	CLEVELAND OK			-59	18	91
5	30.6	4	21.0	7	16.3	COMANCHE OK	-31	-22	-47	28	78
				1	36.4	COTTON OK					94
1	19.0	1	7.0	1	5.3	CRAIG OK	-63	-24	-72	10	57
7	31.4	3	12.5	2	6.7	CREEK OK	-60	-46	-79	05	59
		2	38.7	1	14.9	CUSTER OK		-62			75
3	42.7	1	11.5	2	11.8	DELAWARE OK	-73	3	-72	09	69
4*	54.8	2	19.5	3	21.1	GARFIELD OK	-64	8	-61	17	85
				3	30.6	GARVIN OK					92
1	7.8	1	12.3	3	22.4	GRADY OK	57	83	187	95	87
		1	56.2			GREER OK					
				1*	49.1	HARMON OK					96
				3*	48.5	HASKELL OK					96
1	7.3	3	21.8	1	5.1	HUGHES OK	198	-77	-30	41	57
		1	12.8			JACKSON OK					
1	31.5	2	56.0			JOHNSTON OK	78				
1	7.2	2	13.6	5*	30.8	KAY OK	88	127	327	98	92
1	21.9					KINGFISHER OK					
		2	28.1	3*	41.1	KIOWA OK		46			95
1	21.5	1	24.9	1	37.5	LATIMER OK	16	50	74	85	94
1	14.9			1	3.4	LE FLORE OK			-77	06	55
1	12.4	1	14.1			LINCOLN OK	13				
4	21.0	2	9.0	2	5.5	LOGAN OK	-57	-39	-74	08	57
				1	15.6	MC CLAIN OK					76
13*	43.0	2	4.8	8	18.0	MC CURTAIN OK	-89	272	-58	19	80
5	29.3	3	15.4	6	20.9	MC INTOSH OK	-47	36	-28	42	85
1	16.1	2	15.5	3	14.8	MAYES OK	-4	-4	-8	58	75
17	18.6	19	20.0	9	7.9	MUSKOGEE OK	7	-61	-58	20	61
1	16.4			1	14.9	NOBLE OK			-9	57	75
2	32.8	1	10.5	1	9.1	NOWATA OK	-68	-14	-72	09	63
5	25.7	3	14.3	6	26.3	OKFUSKEE OK	-45	84	2	63	90

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NON-WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2..3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE %CHANGE RATES	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	70S/50S	1970S
24	19.4	35	16.5	31	10.1	OKLAHOMA OK	-15	-39	-48	27	65
12*	28.8	10	21.1	11	21.7	OKMULGEE OK	-27	3	-25	45	86
2	18.8	2	6.7	3	12.0	OSAGE OK	-54	38	-36	37	69
		1	17.0			OTTAWA OK					
1	21.3			3*	52.0	PAWNEE OK			144	92	96
		1	15.7	1	6.3	PAYNE OK		-47			62
		3	12.5	4	12.2	PITTSBURG OK		-3			69
1	15.7					PONTOTOC OK					
5*	49.3	5	38.1	1	4.4	POTTAWATOMIE OK	-23	-89	-91	00	56
3*	81.8	1	14.1	1	14.5	PUSHMATAHA OK	-83	3	-82	03	74
				2*	162.2	ROGER MILLS OK					99
1	15.8	2	17.3	1	6.7	ROGERS OK	10	-61	-57	21	59
5	20.1	10*	38.3	8	24.7	SEMINOLE OK	91	-35	23	71	89
3	33.6	4	21.0	2	6.5	SEQUOYAH OK	-38	-69	-81	04	59
		1	33.5			STEPHENS OK					
1	14.4	1	10.7	2	19.0	TILLMAN OK	-26	77	31	74	82
10	9.3	19	11.4	29	11.1	TULSA OK	22	-2	19	70	67
4	21.0	2	15.2	2	8.3	WAGONER OK	-27	-45	-60	18	62
4*	54.2					WASHINGTON OK					
17	21.9	13	9.9	27	10.8	OREGON OR	-55	9	-51		
		1*	344.1	1*	267.9	BAKER OR		-22			99
				1	67.0	BENTON OR					97
				1	11.6	CLACKAMAS OR					68
				1*	89.3	COLUMBIA OR					98
				1	19.7	COOS OR					83
1*	546.4					HARNEY OR					
				1	27.3	HOOD RIVER OR					91
				2*	71.6	JEFFERSON OR					97
				1	32.1	JOSEPHINE OR					93
3*	82.9	1	28.1	2	22.9	KLAMATH OR	-66	-19	-72	09	87
				1	10.6	LANE OR					67
1	17.7			1	5.3	MALHEUR OR			-70	11	57
11	24.4	11	12.0	14	10.0	MULTNOMAH OR	-51	-17	-59	19	65
1*	42.0					WASHINGTON OR					
499	17.4	710*	17.8	988*	18.5	PENNSYLVANIA PA	2	4	6		
89	18.1	140*	20.9	138*	17.0	ALLEGHENY PA	16	-19	-6	59	79
1	15.8					ARMSTRONG PA					
7	22.5	13*	35.5	8	14.7	BEAVER PA	57	-59	-35	37	75
2*	112.4			2*	115.8	BEDFORD PA			3	63	98
1	7.2	3	13.9	4	13.1	BERKS PA	94	-6	83	86	72
				2	32.7	BLAIR PA					93
1	9.4	6	28.9	10*	29.4	BUCKS PA	209	2	214	96	92
		1	23.6			BUTLER PA					
2	13.8	4	25.9	1	5.1	CAMBRIA PA	88	-81	-63	15	57
14	23.3	11	17.1	13	14.0	CHESTER PA	-27	-18	-40	34	73
				1*	424.0	CLINTON PA					99
		1*	47.2			COLUMBIA PA					
1	15.6	2	24.1			CUMBERLAND PA	54				
7	12.8	21	21.1	25	18.7	DAUPHIN PA	65	-11	47	79	82
20	14.2	22	12.4	40	16.4	DELAWARE PA	-13	33	16	69	78
				1*	424.0	ELK PA					99
3	10.9	4	14.7	3	8.1	ERIE PA	34	-45	-25	44	62
9	22.2	8	23.4	4	10.4	FAYETTE PA	5	-56	-53	24	66
1	18.1	2	23.4	1	5.9	FRANKLIN PA	29	-75	-67	13	58
				1	38.5	GREENE PA					95
1	38.5			1	47.2	INDIANA PA			22	71	96
				1*	133.9	JEFFERSON PA					99
1	17.9	2	47.0	1	24.9	LACKAWANNA PA	163	-47	40	77	89
1	9.0	3	19.0	4	18.5	LANCASTER PA	111	-3	106	88	81
		3	23.3	5*	36.0	LAWRENCE PA		54			94
				1	24.9	LEBANON PA					89
				2	15.8	LEHIGH PA					77
		1	14.1	2	23.9	LUZERNE PA		69			88
1	19.3			1	8.9	LYCOMING PA			-54	24	63
		1	5.1	4	15.9	MERCER PA		214			77
				1*	53.6	MIFFLIN PA					96
13	18.3	17	17.2	30*	21.0	MONTGOMERY PA	-6	22	15	68	85
				1*	56.2	MONTOUR PA					97
1	11.5	2	21.7			NORTHAMPTON PA	89				
				3*	184.6	NORTHUMBERLAND PA					99
306	17.8	413	16.5	647*	19.3	PHILADELPHIA PA	-7	17	9	66	83
				1	19.1	SCHUYLKILL PA					83
				1*	53.6	SOMERSET PA					96
1*	344.1			2*	131.5	SUSQUEHANNA PA			-62	17	99
1	32.6					VENANGO PA					
5	12.8	13*	30.5	13*	26.9	WASHINGTON PA	140	-12	111	89	91
6	18.9	11*	35.2	6	16.5	WESTMORELAND PA	86	-53	-13	54	78
4	30.4	6	29.0	7	25.8	YORK PA	-5	-11	-15	53	90
11	19.2	11	13.7	17	11.3	RHODE ISLAND RI	-29	-17	-41		
1*	53.0					KENT RI					
2	19.8	2	16.4	4	24.4	NEWPORT RI	-17	48	23	71	89
8	18.6	8	13.4	11	9.4	PROVIDENCE RI	-28	-29	-49	27	64
		1	18.2	2	15.8	WASHINGTON RI		-14			77
443	16.0	471	15.0	501	12.7	SOUTH CAROLINA SC	-6	-15	-20		
3	10.4	7	23.2	1	2.8	ABBEVILLE SC	122	-88	-73	09	55
13	14.7	12	13.4	18	16.4	AIKEN SC	-9	22	12	67	78
6	18.6	6	20.9	2	6.3	ALLENDALE SC	12	-70	-66	14	58
13	17.8	16	19.2	11	11.0	ANDERSON SC	8	-43	-38	35	67
5	18.2	3	10.7	2	5.6	BAMBERG SC	-41	-47	-69	12	58
3	7.3	7	18.7	1	2.9	BARNWELL SC	156	-85	-60	18	55
14	22.0	6	9.1	9	11.5	BEAUFORT SC	-58	26	-48	28	68
11	20.4	7	10.5	13	15.7	BERKELEY SC	-48	48	-23	46	77

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NON-WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
5	13.7	4	13.4	1	3.4	CALHOUN	SC	-2	-75	-75	07	55
25	9.5	53	17.5	53	14.5	CHARLESTON	SC	85	-18	52	80	74
1	4.9	3	10.0	3	9.0	CHEROKEE	SC	103	-10	83	86	63
4	7.8	3	6.0	3	5.8	CHESTER	SC	-23	-3	-25	45	58
2	8.4	7	18.1	12	20.3	CHESTERFIELD	SC	115	12	142	92	84
9	17.1	10	14.8	7	8.3	CLARENDON	SC	-13	-44	-51	25	62
4	8.0	2	3.5	6	9.7	COLLETON	SC	-56	175	21	70	65
14	21.6	16	19.8	10	9.6	DARLINGTON	SC	-8	-52	-55	23	65
8	21.0	4	9.4	5	9.0	DILLON	SC	-55	-4	-57	21	63
9	22.6	6	14.7	9	16.6	DORCHESTER	SC	-35	13	-27	44	78
5	16.2	4	13.7	5	14.3	EDGEFIELD	SC	-15	4	-12	55	74
6	13.0	12	26.1	8	15.7	FAIRFIELD	SC	101	-40	21	70	77
13	12.9	16	12.3	21	12.4	FLORENCE	SC	-5	1	-5	60	70
14	25.2	8	12.2	8	10.0	GEORGETOWN	SC	-52	-18	-60	18	65
27	20.6	20	12.3	25	12.4	GREENVILLE	SC	-40	0	-40	34	70
11	23.2	6	10.4	10	13.6	GREENWOOD	SC	-55	31	-41	33	72
3	8.4	6	17.0	3	7.1	HAMPTON	SC	103	-58	-15	53	60
5	9.4	9	16.3	6	10.8	HORRY	SC	73	-34	14	68	67
7	27.0	9*	29.5	12*	31.2	JASPER	SC	9	5	15	69	93
9	17.4	6	11.9	4	5.4	KERSHAW	SC	-31	-55	-69	12	57
7	19.6	9	20.7	7	13.2	LANCASTER	SC	6	-36	-33	39	72
12	21.8	14	24.1	12	17.8	LAURENS	SC	10	-26	-18	50	80
7	16.5	4	8.4	6	13.1	LEE	SC	-49	56	-20	49	72
5	17.6	9	21.0	8	15.6	LEXINGTON	SC	19	-25	-11	55	76
6	29.1	2	10.5	5	25.4	MC CORMICK	SC	-64	141	-13	54	90
11	17.9	14	20.7	13	15.6	MARION	SC	16	-25	-12	55	76
7	12.5	11	22.5	7	10.4	MARLBORO	SC	80	-54	-17	51	66
4	8.9	8	17.7	2	3.6	NEWBERRY	SC	99	-79	-59	19	56
1	5.5	3	14.8	3	15.0	OCONEE	SC	170	1	172	94	75
20	15.5	20	14.2	24	12.3	ORANGEBURG	SC	-9	-13	-21	49	70
6	30.4	2	9.0	6	20.1	PICKENS	SC	-70	124	-34	38	84
27	14.5	35	13.6	50	15.1	RICHLAND	SC	-6	11	4	64	75
8*	40.6	3	15.9	1	4.9	SALUDA	SC	-61	-69	-88	01	57
21	18.9	21	14.4	23	12.4	SPARTANBURG	SC	-24	-14	-34	38	70
20	18.1	20	16.5	30	17.5	SUMTER	SC	-9	6	-3	61	80
5	13.1	4	9.1	5	11.9	UNION	SC	-30	30	-9	57	69
6	6.9	6	6.1	17	15.7	WILLIAMSBURG	SC	-11	157	128	91	77
21*	24.9	18	21.0	12	11.2	YORK	SC	-16	-47	-55	23	68
27*	38.9	27*	34.5	23	20.6	SOUTH DAKOTA	SD	-11	-40	-47		
		3*	101.3	1	39.0	BENNETT	SD		-61			95
		1*	112.4			BON HOMME	SD					
1	21.0					CHARLES MIX	SD					
2	35.3	2	49.3	2	24.4	CORSON	SD	40	-51	-31	40	89
				1*	490.8	DAVISON	SD					99
2	36.3	2	39.6	1	12.0	DEWEY	SD	9	-70	-67	13	69
				1*	546.6	DOUGLAS	SD					99
2*	161.3	1	47.2	1	42.4	JACKSON	SD	-71	-10	-74	08	95
1*	490.8					MEADE	SD					
		1	37.7			MELLETTE	SD					
1	22.3	1	38.3	3	34.9	PENNINGTON	SD	72	-9	56	82	94
2	41.7					ROBERTS	SD					
11*	74.3	6*	38.9	9*	38.7	SHANNON	SD	-48	-1	-48	27	95
4*	51.2	8*	70.6	2	13.7	TODD	SD	38	-81	-73	08	73
		1*	61.3	1*	84.2	TRIPP	SD		37			98
1*	546.4	1*	245.4			WALWORTH	SD	-55				
				1	47.2	ZIEBACH	SD					96
399	16.4	542*	19.2	607*	17.5	TENNESSEE	TN	17	-9	7		
3*	89.9			2	20.8	ANDERSON	TN			-77	06	85
				2	13.9	BEDFORD	TN					73
2	18.3	2	11.3	3	16.8	BLOUNT	TN	-38	49	-8	58	79
1	8.6	2	17.6			BRADLEY	TN	104				
1	74.5					CAMPBELL	TN					
1	4.0	2	13.5	1	4.1	CARROLL	TN	190	-69	-11	56	56
2	35.1					CHESTER	TN					
		1*	67.0			CLAIBORNE	TN					
1	25.8	1	44.6	1	9.6	COFFEE	TN	73	-79	-63	16	64
		2	15.8			CROCKETT	TN					
42	12.2	41	10.5	48	9.3	DAVIDSON	TN	-15	-11	-24	45	64
				1	31.5	DECATUR	TN					93
2	30.8	2	55.9			DICKSON	TN	81				
4	16.7	1	3.8	4	12.2	DYER	TN	-77	221	-27	44	69
7	12.2	20*	33.3	9	13.6	FAYETTE	TN	173	-59	11	67	73
1	10.9	3	34.6	2	19.3	FRANKLIN	TN	218	-44	77	85	83
7	15.2	4	8.2	13*	24.8	GIBSON	TN	-46	203	63	83	89
		2	9.7			GILES	TN					
1	11.2			1	6.7	HAMBLEN	TN			-40	34	59
33	16.7	46	18.9	30	10.0	HAMILTON	TN	13	-47	-40	34	65
5	13.7	5	12.0	3	7.1	HARDEMAN	TN	-13	-40	-48	27	60
				1	11.1	HARDIN	TN					67
		4*	75.2	1	21.2	HAWKINS	TN		-72			86
8	15.8	11	20.1	11	18.0	HAYWOOD	TN	28	-10	14	68	81
2	25.2	1	11.1	1	8.9	HENDERSON	TN	-56	-20	-65	15	63
6	31.4	2	8.7	2	9.2	HENRY	TN	-72	5	-71	10	64
1	67.0					HOUSTON	TN					
1	37.2					HUMPHREYS	TN					
		4*	83.7	1	22.1	JEFFERSON	TN		-74			86
12	12.2	11	8.8	18	11.6	KNOX	TN	-28	32	-4	60	68
1	10.9	2	37.3	1	8.9	LAKE	TN	242	-76	-18	51	63
5	14.4	9	25.5	3	6.9	LAUDERDALE	TN	77	-73	-52	25	60
1	53.0					LAWRENCE	TN					
1	6.9	2	14.1	2	10.3	LINCOLN	TN	106	-27	50	80	66
2*	101.5	1	44.6	1	38.3	LOUDON	TN	-56	-14	-62	16	94
3	42.0					MC MINN	TN					
15	15.9	11	11.3	17	13.1	MADISON	TN	-29	15	-18	51	72
		2	33.4	1	16.8	MARION	TN		-50			79
				1	11.2	MARSHALL	TN					68

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
7	16.8	7	17.3	1	1.6	MAURY	TN	3	-91	-90	00	54
		2	58.8			MONROE	TN					
6	15.5	6	13.0	6	11.0	MONTGOMERY	TN	-16	-16	-29	42	67
1*	424.0	1*	546.4			MORGAN	TN	29				
2	10.6	1	4.9	1	5.9	OBION	TN	-53	20	-44	31	58
1	30.3	2*	47.1			PUTNAM	TN	56				
1	31.5			1	26.9	RHEA	TN			-15	53	91
2	26.6	1	13.5			ROANE	TN	-49				
1	3.5			3	9.9	ROBERTSON	TN			186	94	65
5	15.2	5	16.7	8	20.4	RUTHERFORD	TN	10	22	35	75	84
162	18.3	292*	27.7	384*	28.4	SHELBY	TN	51	3	56	81	92
1	24.5			1	22.9	SMITH	TN			-7	59	88
		1*	141.3			STEWART	TN					
1	10.9	3	21.2	2	11.1	SULLIVAN	TN	95	-48	2	63	67
9*	48.1	6	27.9	1	4.4	SUMNER	TN	-42	-84	-91	00	56
10	24.7	9	20.7	5	10.8	TIPTON	TN	-16	-48	-56	22	67
1	18.1			1	24.4	TROUSDALE	TN			34	75	89
1	14.2	2	33.1	1	20.4	WARREN	TN	133	-38	44	78	84
1	6.4	3	21.7	2	9.4	WASHINGTON	TN	241	-57	48	79	64
1*	59.0					WAYNE	TN					
		2	18.6	2	19.9	WEAKLEY	TN		7			84
1	42.1			2*	59.4	WHITE	TN			41	78	97
9*	46.7	3	13.5	4	14.7	WILLIAMSON	TN	-71	8	-69	12	75
5	25.7	2	10.5	1	3.6	WILSON	TN	-59	-66	-86	01	55
839*	19.1	841	14.9	955	11.2	TEXAS	TX	-22	-25	-41		
11	24.0	5	11.6	10	18.2	ANDERSON	TX	-52	57	-24	45	81
3	13.8	3	9.6	2	4.3	ANGELINA	TX	-30	-56	-69	12	56
				1	15.3	ARANSAS	TX					76
3	17.9			1	3.5	AUSTIN	TX			-80	04	55
1*	70.3					BAILEY	TX					
8	24.6	3	9.7	2	4.4	BASTROP	TX	-60	-55	-82	03	56
2*	80.7					BEE	TX					
14*	49.8	10	24.3	12	19.2	BELL	TX	-51	-21	-61	17	83
26	15.2	34	13.8	30	6.5	BEXAR	TX	-9	-53	-58	20	59
		1	29.8	1	26.8	BOSQUE	TX		-10			90
10	15.6	12	16.3	12	13.8	BOWIE	TX	5	-15	-11	56	73
3	13.0	3	8.5	9	16.3	BRAZORIA	TX	-34	91	26	72	78
7	15.9	6	10.7	3	4.1	BRAZOS	TX	-33	-62	-74	08	56
		2	39.9			BROWN	TX					
3	9.8	2	6.6	2	7.5	BURLESON	TX	-33	13	-24	46	60
4	24.7	3	16.0	1	5.4	CALDWELL	TX	-35	-66	-78	05	57
		1	40.9			CALHOUN	TX					
1	24.9			3	3.2	CAMERON	TX			-87	01	55
6*	38.8	1	7.5	5	28.0	CAMP	TX	-81	272	-28	43	91
6	20.3	5	11.5	6	11.4	CASS	TX	-43	-1	-44	31	68
3	48.0			2	20.7	CHAMBERS	TX			-57	21	85
10	22.0	9	18.1	8	14.8	CHEROKEE	TX	-18	-18	-33	39	75
		1*	141.3			COCHRAN	TX					
2*	91.7	1	85.2			COLEMAN	TX	-7				
2	12.7	2	11.7	3	12.0	COLLIN	TX	-8	3	-5	60	69
				1	27.0	COLLINGSWORTH	TX					91
7	29.1			3	10.4	COLORADO	TX			-64	15	66
1	11.2					COOKE	TX					
				2	19.5	CORYELL	TX					83
				1	62.9	CROCKETT	TX					97
1	31.4	1	49.2			CROSBY	TX	57				
54	14.1	101	15.7	92	9.4	DALLAS	TX	12	-40	-33	38	64
				1	15.8	DAWSON	TX					77
		1	22.3	2*	33.8	DELTA	TX		52			94
2	19.2			4	14.2	DENTON	TX			-26	44	74
4	19.2	3	15.0	4	16.5	DE WITT	TX	-22	10	-14	54	78
				1	17.2	DUVAL	TX					79
1	31.5	1	24.8			EASTLAND	TX	-21				
		1	2.3	2	7.7	ECTOR	TX		228			61
7	15.0	7	14.6	11	20.3	ELLIS	TX	-3	39	35	75	84
5	27.4	5	22.8	2	.3	EL PASO	TX	-17	-99	-99	00	54
10	21.8	6	13.8	5	9.7	FALLS	TX	-36	-30	-56	23	65
3	16.3	3	25.4	2	14.9	FANNIN	TX	56	-42	-9	58	75
5	21.7	3	13.8	4	15.9	FAYETTE	TX	-37	15	-27	44	77
		1	21.1	2*	36.4	FLOYD	TX		73			94
9	24.1	5	13.6	11	20.4	FORT BEND	TX	-43	50	-15	53	84
2*	166.5					FRANKLIN	TX					
10*	38.2	2	6.7	4	11.4	FREESTONE	TX	-82	71	-70	11	68
14	12.9	34*	24.6	15	8.1	GALVESTON	TX	90	-67	-38	35	61
1	24.8	1	39.3			GOLIAD	TX	59				
1	5.4	1	4.1			GONZALES	TX	-23				
1	68.8					GRAY	TX					
2	5.6	3	8.2	1	2.1	GRAYSON	TX	47	-75	-63	16	54
15	21.0	16	20.9	12	13.4	GREGG	TX	-1	-36	-36	37	72
6	22.1	7	23.8	7	28.4	GRIMES	TX	8	20	29	73	92
8*	43.8			3	10.8	GUADALUPE	TX			-75	07	67
				1	13.4	HALE	TX					72
		1	44.6			HALL	TX					
1	20.3	1	16.9			HARDEMAN	TX	-17				
1	10.1	5	27.4	5	24.8	HARDIN	TX	171	-9	146	93	89
145*	22.7	150	14.2	162	9.8	HARRIS	TX	-37	-31	-57	21	65
22	23.1	10	8.9	27*	23.3	HARRISON	TX	-61	161	1	62	88
1	267.9					HASKELL	TX					
3	38.8	1	10.5	1	8.7	HAYS	TX	-73	-17	-78	05	63
5	23.8	4	15.1	8	28.3	HENDERSON	TX	-36	87	19	70	91
3	16.3	4	23.4	2	9.4	HILL	TX	43	-60	-42	32	64
				1	22.3	HOCKLEY	TX					87
1	7.0	1	6.7	3	18.7	HOPKINS	TX	-4	177	166	94	82
8	20.9	8	18.7	10	17.7	HOUSTON	TX	-11	-5	-15	53	80
1	49.1	2	30.2	1	7.0	HOWARD	TX	-39	-77	-86	02	60
5	19.1	3	11.2	7	22.4	HUNT	TX	-41	99	17	69	87
		1	22.1			HUTCHINSON	TX					
1	14.5	2	21.8	4*	32.7	JACKSON	TX	50	50	125	91	93

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9,184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE		PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE			60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
12*	64.6	3	10.6	6	17.3	JASPER	TX	-84	64	-73	09	79
43*	26.0	41	18.7	59*	19.2	JEFFERSON	TX	-28	3	-26	44	83
1*	28.8					JIM WELLS	TX					
2	21.7	1	9.1	1	4.7	JOHNSON	TX	-58	-48	-78	05	56
		1	9.3			JONES	TX					
1	24.4	2*	61.8			KARNES	TX	154				
4	9.7	7	18.8	5	12.8	KAUFMAN	TX	93	-32	31	74	71
2	51.3	2	28.8	1	9.0	KLEBERG	TX	-44	-69	-82	03	63
5	12.4	5	11.2	10	26.3	LAMAR	TX	-10	135	112	89	90
		1	21.0	1	15.9	LAMB	TX		-24			77
		1	84.8	1	18.6	LAMPASAS	TX		-78			81
4	27.5	1	8.2	2	13.0	LAVACA	TX	-70	59	-53	24	71
2	17.0			1	5.8	LEE	TX			-66	14	58
5	22.9	1	3.9	4	32.9	LEON	TX	-83	735	44	78	93
6	23.5	4	13.6	4	11.9	LIBERTY	TX	-42	-13	-49	26	69
5	14.5	12*	33.7	9	20.1	LIMESTONE	TX	132	-41	38	76	84
5	15.7	2	6.0	12	16.3	LUBBOCK	TX	-61	170	4	64	78
				1	34.2	LYNN	TX					94
20	20.3	17	14.1	28	17.8	MC LENNAN	TX	-31	27	-12	55	80
2	17.2	3	22.1	1	5.6	MADISON	TX	29	-75	-68	13	58
4	16.4			4	14.8	MARION	TX			-10	57	75
1*	490.8					MASON	TX					
3	10.8	3	11.3	4	9.2	MATAGORDA	TX	5	-19	-15	53	64
1*	281.4					MAVERICK	TX					
		1*	74.3			MEDINA	TX					
3	14.9	2	11.5	5	12.7	MIDLAND	TX	-23	11	-14	54	71
3	10.6	9*	43.9	7	24.9	MILAM	TX	312	-43	134	92	89
1	70.7					MITCHELL	TX					
6	19.8	4	11.4	4	11.2	MONTGOMERY	TX	-43	-2	-43	31	68
2	17.1	2	12.3	3	16.9	MORRIS	TX	-28	37	-1	62	79
4	11.1	2	5.1	6	11.0	NACOGDOCHES	TX	-54	117	-1	62	67
7	13.7	7	16.4	6	12.0	NAVARRO	TX	20	-27	-12	55	69
3	18.1	5	28.5	1	4.8	NEWTON	TX	57	-83	-73	09	57
1	19.5	1	56.2			NOLAN	TX	188				
6	21.1	2	5.6	7	6.7	NUECES	TX	-73	20	-68	12	59
6*	33.0	2	9.1	3	9.9	ORANGE	TX	-72	9	-70	11	65
1	23.4			1	15.1	PALO PINTO	TX			-35	37	75
5	20.6	6	23.4	3	9.1	PANOLA	TX	13	-61	-56	22	63
		1	65.5	2*	110.6	PARKER	TX		69			98
5	25.2	9*	40.6	5	21.2	POLK	TX	61	-48	-16	52	86
2	25.0	6	18.1	7	19.7	POTTER	TX	-28	9	-21	48	83
				1*	89.3	REAGAN	TX					98
3	14.5	2	7.9	1	5.9	RED RIVER	TX	-46	-25	-59	18	58
		1	112.4	2	41.1	REEVES	TX		-63			95
1	21.5			4*	57.6	REFUGIO	TX			168	94	97
7	21.3	11	28.2	11*	22.9	ROBERTSON	TX	33	-19	8	66	87
				1	29.8	ROCKWALL	TX					92
1	28.1	1	31.5			RUNNELS	TX	12				
7	16.1	4	8.2	2	3.4	RUSK	TX	-49	-59	-79	04	55
1	14.5	2	32.4	1	9.6	SABINE	TX	123	-71	-34	38	64
2	23.1	1	8.4	1	5.2	SAN AUGUSTINE	TX	-64	-38	-77	06	57
2	12.3	2	11.5	1	2.9	SAN JACINTO	TX	-7	-75	-77	06	55
1*	74.3					SHACKELFORD	TX					
1	3.8	3	12.5	2	5.9	SHELBY	TX	226	-53	53	81	58
25*	26.1	18	15.9	25	16.8	SMITH	TX	-39	6	-36	37	79
		1	66.2	2*	49.7	STEPHENS	TX		-25			96
				1*	56.2	STONEWALL	TX					97
51*	24.7	43	14.6	58	14.4	TARRANT	TX	-41	-2	-42	32	74
2	25.0			2	5.0	TAYLOR	TX			-80	04	57
		1	42.0	1	21.5	TERRY	TX		-49			86
3	21.2	3	21.7	1	4.6	TITUS	TX	3	-79	-78	05	56
2	13.7	2	12.1	2	7.6	TOM GREEN	TX	-11	-37	-44	30	61
13	10.2	24	16.8	33	14.4	TRAVIS	TX	64	-14	41	77	74
3	25.9	2	20.3	3	38.9	TRINITY	TX	-22	92	50	80	95
2	26.9	3	33.6	2	23.1	TYLER	TX	25	-31	-14	54	88
2	9.7	5	18.5	4	16.2	UPSHUR	TX	92	-13	68	84	78
				1*	42.7	UPTON	TX					95
		2*	180.7			VAL VERDE	TX					
2	35.4	2	27.3	2	19.1	VAN ZANDT	TX	-23	-30	-46	29	82
5	24.6	3	13.9	4	11.2	VICTORIA	TX	-44	-19	-54	24	68
8	23.6	7	20.0	9	22.7	WALKER	TX	-15	14	-4	61	87
4	16.4	4	15.2	1	3.0	WALLER	TX	-8	-80	-82	03	55
1*	44.2			2*	101.6	WARD	TX			130	91	98
3	6.9	4	9.5	8	22.9	WASHINGTON	TX	38	141	232	96	87
4	10.8	6	15.2	2	2.9	WHARTON	TX	41	-81	-73	09	55
2	9.6	9	25.8	4	6.7	WICHITA	TX	168	-74	-30	41	59
1	7.3			1	12.6	WILBARGER	TX			73	84	71
2	8.6	8	33.9	5	14.3	WILLIAMSON	TX	296	-58	66	83	74
				2*	61.9	WILSON	TX					97
4	35.6	2	9.3	2	9.5	WOOD	TX	-74	2	-73	09	64
8	27.3	5	11.9	4	3.7	UTAH	UT	-56	-69	-86		
		1	31.5			BOX ELDER	UT					
2*	76.9					DAVIS	UT					
1*	267.9			1*	109.3	DUCHESNE	UT			-59	18	98
2	22.1	2	13.1	2	4.1	SALT LAKE	UT	-40	-69	-82	03	56
				1	8.3	SAN JUAN	UT					62
1*	114.7					TOOELE	UT					
2*	84.1					UINTAH	UT					
		1*	188.7			WASHINGTON	UT					
		1	7.3			WEBER	UT					
		2	40.8			VERMONT	VT					
		1*	424.0			FRANKLIN	VT					
		1*	56.2			RUTLAND	VT					
514	18.3	623*	18.1	739*	16.6	VIRGINIA	VA	-1	-8	-10		

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

NON-WHITE FEMALE

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2	4.5	8	16.8	13	20.5	ACCOMACK VA	271	22	354	98	85
14*	29.7	11	18.8	21*	30.9	ALBEMARLE#VA	-37	64	4	64	92
7*	46.0	5	31.8	2	14.8	ALLEGHANY#VA	-31	-53	-68	12	75
4	29.3	1	8.0	3	16.8	AMELIA VA	-73	109	-43	32	79
1	6.1	4	21.3	3	9.3	AMHERST VA	247	-56	52	80	64
2	21.6			1	7.6	APPOMATTOX VA			-65	14	61
5	17.3	5	13.1	6	9.0	ARLINGTON#VA	-24	-32	-48	27	63
5	19.9	3	11.1	7	17.7	AUGUSTA#VA	-44	59	-11	56	80
2*	63.4			1	31.5	BATH VA			-50	26	93
16	15.7	30*	25.0	21	13.2	BEDFORD#VA	59	-47	-16	52	72
		1	11.8			BOTETOURT VA					
3	9.7	5	14.3	8	17.8	BRUNSWICK VA	48	24	83	86	80
4	20.6	5	25.8	3	12.9	BUCKINGHAM VA	26	-50	-37	36	71
		2	7.4	10*	30.9	CAROLINE VA		319			92
2	42.5					CARROLL#VA					
3	22.2	5	34.7	2	15.6	CHARLES CITY VA	57	-55	-29	41	77
4	20.0	8*	39.8	3	13.7	CHARLOTTE VA	99	-66	-31	40	73
72	20.3	87	17.5	100	16.1	CHESTERFIELD#VA	-14	-8	-21	49	77
1	23.6					CLARKE VA					
4	26.8	6*	39.8	5	25.0	CULPEPER VA	49	-37	-7	59	89
4	27.8	1	6.3	5	24.4	CUMBERLAND VA	-77	288	-12	55	89
11	7.0	16	8.5	31	16.1	DINWIDDIE#VA	21	90	131	92	78
1	8.2	2	12.9	1	2.3	ESSEX VA	57	-82	-72	10	55
14	25.2	12	13.9	21	14.1	FAIRFAX#VA	-45	1	-44	31	74
5	25.1	4	15.9	5	16.0	FAUQUIER VA	-37	1	-36	36	77
		1	42.0	1	37.2	FLOYD VA		-12			94
6*	52.4	1	10.6	6*	43.7	FLUVANNA VA	-80	312	-17	52	96
3	17.1	4	30.5	1	6.0	FRANKLIN VA	78	-80	-65	14	58
1	14.1	2	20.9	2	18.0	FREDERICK#VA	48	-14	27	73	80
1	60.7					GILES VA					
5	30.5	3	18.3	4	17.0	GLOUCESTER VA	-40	-7	-44	30	79
3	21.3	2	12.4	4	20.1	GOOCHLAND VA	-42	62	-6	60	84
		2*	52.6	1	28.1	GREENE VA		-47			91
3	10.1	2	5.5	8	21.9	GREENSVILLE#VA	-46	302	116	90	86
16	25.7	12	18.4	16	21.2	HALIFAX#VA	-28	15	-17	51	86
4	16.4	6	23.6	4	11.6	HANOVER VA	44	-51	-29	42	68
10*	58.5	5	20.3	9	12.8	HENRICO VA	-65	-37	-78	05	71
2	5.3	13	28.0	8	10.3	HENRY#VA	425	-63	92	87	66
3	17.0	5	16.2	6	15.8	ISLE OF WIGHT VA	-4	-3	-7	59	77
9	26.7	9	19.2	7	9.4	JAMES CITY#VA	-28	-51	-65	15	64
4	37.3	4	30.8	2	11.1	KING AND QUEEN VA	-17	-64	-70	11	67
1	12.4			5*	48.4	KING GEORGE VA			290	97	96
3	24.9			3	16.5	KING WILLIAM VA			-34	38	78
3	21.0	1	6.7	2	8.7	LANCASTER VA	-68	30	-59	19	63
6*	38.7	5	32.1	5	21.1	LOUDOUN VA	-17	-34	-45	29	86
5	21.1	1	5.4	8*	31.6	LOUISA VA	-75	489	50	80	93
1	4.6	1	4.6	2	7.7	LUNENBURG VA	1	65	66	83	61
1	10.1			1	8.0	MADISON VA			-21	48	61
1	11.1	3	28.4	3	22.7	MATHEWS VA	156	-20	105	88	87
7	16.4	9	18.5	11	16.5	MECKLENBURG VA	13	-11	0	62	78
1	8.9	4	29.0			MIDDLESEX VA	225				
4	38.6	6*	55.3	2	16.0	MONTGOMERY#VA	43	-71	-58	19	77
		1	7.0	3	15.0	NELSON VA		112			75
6	19.5	3	7.3	8	18.2	NORTHAMPTON VA	-62	149	-6	59	81
2	13.3	2	13.5	4	18.4	NORTHUMBERLAND VA	2	37	39	77	81
3	11.1	4	14.3	2	4.8	NOTTOWAY VA	28	-66	-57	21	56
4	27.1	4	27.3	2	10.1	ORANGE VA	1	-63	-63	16	65
2	66.8	1	17.2	3*	43.0	PATRICK VA	-74	150	-36	37	95
13	11.7	21	17.6	15	10.3	PITTSYLVANIA#VA	51	-42	-12	55	66
4	47.6			4	38.3	POWHATAN VA			-20	50	95
4	15.2	2	7.8	6	18.9	PRINCE EDWARD VA	-49	142	24	72	82
				2	9.6	PRINCE WILLIAM#VA					64
3	32.9	1	9.9			PULASKI VA	-70				
1	21.8					RAPPAHANNOCK VA					
2	25.8	1	7.1	2	18.6	RICHMOND VA	-73	162	-28	43	81
15	20.1	21	20.9	19	14.8	ROANOKE#VA	4	-29	-26	44	75
1	9.2	2	16.9	2	18.9	ROCKBRIDGE#VA	83	12	104	88	82
3*	58.5			4*	48.8	ROCKINGHAM#VA			-17	52	96
		2*	154.9			SHENANDOAH VA					
7	15.0	7	11.6	4	5.7	SOUTHAMPTON#VA	-23	-51	-62	16	58
6	28.3	5	21.0	6	21.7	SPOTSYLVANIA#VA	-26	3	-23	46	86
1	17.7			1	12.8	STAFFORD VA			-27	43	71
2	16.4	1	6.0	1	7.0	SURRY VA	-63	15	-58	20	60
5	19.6	5	16.3	5	15.4	SUSSEX VA	-17	-5	-21	48	76
3	31.3	2	34.2	2	13.4	TAZEWELL VA	9	-61	-57	21	72
3	28.5	2	15.8	2	16.7	WASHINGTON#VA	-45	6	-41	33	79
5	31.6	6	30.9	6	25.0	WESTMORELAND VA	-2	-19	-21	48	89
		1	14.9	1	9.6	WISE#VA		-36			64
6*	100.5			2	34.5	WYTHE VA			-66	14	94
83	15.8	143*	23.4	170*	20.9	CHESAPEAKE CITY#VA	48	-11	32	74	85
10	19.7	13	15.9	20	15.4	HAMPTON CITY VA	-20	-3	-22	47	76
17	18.2	37*	29.6	31	17.2	NEWPORT NEWS CITY VA	62	-42	-6	60	79
14	20.1	14	13.8	19	15.6	SUFFOLK CITY VA	-31	13	-22	47	76
20	8.4	34	10.6	55	8.3	WASHINGTON WA	26	-22	-2		
				1	10.1	BENTON WA					65
2*	54.1			1	17.5	CLALLAM WA			-68	13	80
				1	40.9	FERRY WA					95
1	60.6			2	25.3	GRANT WA			-58	19	90
				1	37.2	GRAYS HARBOR WA					94
				1	38.5	JEFFERSON WA					95
8	6.3	18	9.7	26	6.8	KING WA	55	-30	9	66	59
		1	37.2			KITSAP WA					
				1*	74.3	KITTITAS WA					97
1*	84.2					KLICKITAT WA					
		2	34.7			OKANOGAN WA					
1	4.8	3	11.6	11	14.4	PIERCE WA	141	24	199	95	74
1	60.6			1	19.1	SKAGIT WA			-68	12	82
		1*	74.3			SKAMANIA WA					

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

NON-WHITE FEMALE — SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS — ICD 152,158,159.2-.9,164.2-.9, 184,187,195-199,202.2,.3,.5,.6

1950-1959		1960-1969		1970-1979		COUNTY AND STATE	PERCENT CHANGE			PERCENTILE	
DEATHS	RATE	DEATHS	RATE	DEATHS	RATE		60S/50S	70S/60S	70S/50S	%CHANGE 70S/50S	RATES 1970S
2*	40.4	3*	54.8	1	12.5	SNOHOMISH WA	36	-77	-69	11	70
1	6.3	1	5.2	2	3.9	SPOKANE WA	-17	-25	-37	36	56
1	60.6	1	18.6	1	20.6	STEVENS WA	-69	11	-66	14	85
		1	54.5	1	12.4	THURSTON WA		-77			70
		1	70.7			WALLA WALLA WA					
				1	28.1	WHATCOM WA					91
2	7.4	2	8.1	3	6.3	YAKIMA WA	9	-23	-16	52	58
94*	23.3	102*	22.1	96*	19.6	WEST VIRGINIA WV	-5	-11	-16		
1	12.8	2	30.2	2	20.1	BERKELEY WV	137	-34	57	82	84
				3*	133.2	BOONE WV					99
		1*	114.7			BRAXTON WV					
8	37.0	4	10.9	8	20.0	CABELL WV	-71	84	-46	29	84
6	20.4	7	18.8	5	13.4	FAYETTE WV	-8	-29	-34	38	72
1*	267.9					GRANT WV					
6*	78.0	1	12.8	1	13.6	GREENBRIER WV	-84	6	-63	03	72
		1	14.1	3*	38.8	HANCOCK WV		175			95
3	30.6	3	33.3	4*	37.1	HARRISON WV	9	12	21	70	94
5*	37.3	1	7.3	2	13.3	JEFFERSON WV	-81	83	-64	15	72
11	16.7	21*	26.0	23*	25.1	KANAWHA WV	55	-3	50	80	90
10*	38.7	7*	28.5	1	4.4	LOGAN WV	-27	-84	-89	01	56
13	24.7	18*	33.0	9	13.6	MC DOWELL WV	33	-59	-45	29	72
5	33.4			1	6.7	MARION WV			-80	04	59
1*	147.4	2*	100.4			MARSHALL WV	-32				
9	23.8	8	19.0	9	19.1	MERCER WV	-20	1	-19	50	83
2*	69.5	2*	76.5	1	18.9	MINERAL WV	10	-75	-73	09	82
2	16.8	2	26.1	4*	43.8	MINGO WV	55	68	161	93	96
1	15.3	2	22.3			MONONGALIA WV	45				
1	38.2	1	44.6			MONROE WV	17				
		1	6.9	7*	58.0	OHIO WV		743			97
6	15.6	13	26.6	9	14.0	RALEIGH WV	70	-47	-11	56	73
		1*	57.3			RANDOLPH WV					
		1	18.6	1	15.7	SUMMERS WV		-15			77
		1*	56.2			TAYLOR WV					
2*	603.2					UPSHUR WV					
		2	30.3	1	24.9	WOOD WV		-18			89
1	21.3			2*	45.3	WYOMING WV			113	90	96
27	16.4	28	9.5	72	13.5	WISCONSIN WI	-42	42	-18		
1	60.7					ASHLAND WI					
				1*	546.4	BARRON WI					99
				1	62.9	BAYFIELD WI					97
				2	22.6	BROWN WI					87
1*	119.2					BURNETT WI					
1	25.9	1	11.8			DANE WI	-55				
				1*	53.6	DOUGLAS WI					96
5*	62.8	1	12.8	4	23.9	MENOMINEE#WI	-80	88	-62	17	88
15	12.5	24	12.1	53	13.9	MILWAUKEE WI	-3	14	11	67	73
1*	198.7					ONEIDA WI					
				3*	54.3	OUTAGAMIE WI					97
1	24.6	1	9.9	3	14.5	RACINE WI	-60	46	-41	33	74
1	11.7			2	12.1	ROCK WI			3	63	69
1	37.2					SAWYER WI					
				1	31.5	VILAS WI					93
		1	49.2			WALWORTH WI					
				1*	133.9	WAUSHARA WI					99
4	24.6	2	7.6	7	17.3	WYOMING WY	-69	128	-30		
				1	32.7	ALBANY WY					93
1	30.3			4*	37.7	FREMONT WY			24	72	94
2*	75.9	2	39.4	1	12.4	LARAMIE WY	-48	-69	-84	02	70
1	37.3			1	18.7	NATRONA WY			-50	26	82

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES

WHITE MALE — MULTIPLE MYELOMA — ICD 203 EXCEPT 203.1

1950-1959 DEATHS	1950-1959 RATE	1960-1969 DEATHS	1960-1969 RATE	1970-1979 DEATHS	1970-1979 RATE	COUNTY AND STATE		PERCENT CHANGE 60S/50S	70S/60S	70S/50S	PERCENTILE %CHANGE RATES 70S/50S	1970S
8	2.5	9	1.8	13	2.1	SAN LUIS OBISPO	CA	-29	18	-16	16	39
24	1.9	43	2.5	67	3.3	SAN MATEO	CA	34	28	72	51	68
13	2.2	16	2.0	41	3.7	SANTA BARBARA	CA	-8	81	66	48	76
26	1.5	80*	3.2	129*	3.8	SANTA CLARA	CA	109	19	149	72	77
7	1.4	15	2.1	22	2.8	SANTA CRUZ	CA	50	36	104	61	57
3	1.4	6	1.7	10	2.2	SHASTA	CA	26	24	56	44	41
4	2.2	4	2.0	7	3.6	SISKIYOU	CA	-8	74	60	46	74
8	1.9	11	2.2	14	2.2	SOLANO	CA	15	-1	14	28	42
11	1.5	18	1.7	41	3.2	SONOMA	CA	16	83	112	63	66
15	2.1	31*	3.6	22	2.2	STANISLAUS	CA	73	-40	4	24	41
1	.7	4	2.4	4	2.1	SUTTER	CA	250	-11	211	81	41
4	3.3	3	2.1	7	3.7	TEHAMA	CA	-35	74	12	27	75
1	2.1					TRINITY	CA					
3	.4	12	1.5	24	2.7	TULARE	CA	230	81	497	96	54
1	1.2	2	1.5	6	3.3	TUOLUMNE	CA	19	121	162	74	68
8	1.3	19	2.3	50	3.5	VENTURA	CA	76	54	171	76	73
1	.4	9	3.2	6	1.7	YOLO	CA	637	-47	292	88	31
1	.6	3	1.9	5	3.2	YUBA	CA	236	63	449	95	66
98	1.5	164	2.1	241	2.6	COLORADO	CO	42	25	78		
3	1.6	11	4.1	15	2.9	ADAMS	CO	154	-29	80	54	60
				2	5.0	ALAMOSA	CO					89
				1	5.6	ARCHULETA	CO					92
1	3.7	1	3.2	2	6.1	BACA	CO	-14	92	66	48	94
1	2.3			1	2.4	BENT	CO			4	24	46
6	2.5	7	2.1	7	1.6	BOULDER	CO	-18	-24	-37	08	28
1	2.3					CHAFFEE	CO					
				1	6.9	CHEYENNE	CO					95
1	8.0	1	6.4	1	3.6	CLEAR CREEK	CO	-20	-44	-55	04	75
1	2.8			2	5.8	CONEJOS	CO			110	63	93
1	4.0					CROWLEY	CO					
2	1.9	1	.8	2	1.2	DELTA	CO	-60	57	-37	09	22
37	1.6	58	2.3	69	2.6	DENVER-ARAPAHOE#	CO	40	13	57	45	51
1	4.5	1	3.5			DOUGLAS	CO	-23				
		1	3.5			EAGLE	CO					
1	4.0	1	3.3			ELBERT	CO	-19				
9	2.2	8	1.5	21	2.9	EL PASO	CO	-29	87	32	36	59
1	.9	3	1.6	4	2.1	FREMONT	CO	80	29	131	68	39
		1	1.7	1	1.3	GARFIELD	CO		-23			24
				2*	8.0	GUNNISON	CO					97
2	3.4	1	2.7	1	2.2	HUERFANO	CO	-20	-18	-34	09	43
1	.3	17	3.2	28	3.2	JEFFERSON	CO	920	2	938	99	67
1*	6.5					KIOWA	CO					
				1	2.4	LAKE	CO					46
		1	1.0			LA PLATA	CO					
3	1.0	3	.9	11	2.5	LARIMER	CO	-13	178	142	70	50
2	1.9	1	1.0	2	1.8	LAS ANIMAS	CO	-48	82	-6	20	33
		1	3.6	1	3.2	LINCOLN	CO		-9			68
		1	1.0	1	1.2	LOGAN	CO		25			22
3	1.4	6	2.3	13	4.0	MESA	CO	70	73	194	79	80
				2*	147.9	MINERAL	CO					99
		1	3.8			MOFFAT	CO					
		2	3.9	6*	9.7	MONTEZUMA	CO		145			98
				2	2.0	MONTROSE	CO					38
2	2.4	3	3.1	2	1.6	MORGAN	CO	27	-46	-32	10	29
3	2.6	2	1.9	3	2.3	OTERO	CO	-26	23	-9	19	45
				1*	10.2	OURAY	CO					98
1	1.4	2	3.1	1	2.1	PROWERS	CO	130	-32	57	44	40
8	1.7	14	2.7	17	3.1	PUEBLO	CO	56	16	81	54	66
				3	5.7	RIO GRANDE	CO					92
		3*	9.5	1	3.9	ROUTT	CO		-59			78
				2*	10.4	SAGUACHE	CO					98
		1*	22.5			SAN MIGUEL	CO					
		1	4.0			SEDGWICK	CO					
				2	5.3	WASHINGTON	CO					90
5	1.5	8	2.3	10	2.5	WELD	CO	48	10	63	47	49
1	2.0	2	2.9			YUMA	CO	46				
190*	1.8	241	2.1	360	2.7	CONNECTICUT	CT	12	30	46		
39	1.5	64	2.2	109	3.2	FAIRFIELD	CT	50	46	118	65	68
62*	2.4	72	2.3	96	2.7	HARTFORD	CT	-3	19	15	28	56
9	1.6	5	.7	20	2.6	LITCHFIELD	CT	-55	265	66	48	53
8	2.1	14	3.0	17	3.0	MIDDLESEX	CT	47	-1	46	41	63
56	2.0	60	2.0	78	2.3	NEW HAVEN	CT	-3	15	12	27	43
8	1.1	13	1.6	19	1.9	NEW LONDON	CT	52	18	80	53	35
3	1.3	8	3.1	9	3.1	TOLLAND	CT	134	1	136	69	65
5	1.5	5	1.4	12	3.0	WINDHAM	CT	-6	108	95	59	62
16	1.1	35	2.2	45	2.2	DELAWARE	DE	98	1	100		
1	.5	5	2.4	3	1.1	KENT	DE	384	-56	112	63	21
14	1.4	24	2.2	29	2.1	NEW CASTLE	DE	53	-3	48	42	40
1	.4	6	1.9	13	3.2	SUSSEX	DE	401	72	760	98	67
35	1.8	34	2.0	34	2.9	DIST. OF COLUMBIA	DC	16	43	66		
35	1.8	34	2.0	34	2.9	WASHINGTON	DC	16	43	66	48	60
219	1.3	565	1.9	1194	2.5	FLORIDA	FL	45	31	90		
1	.9	3	2.0	6	1.9	ALACHUA	FL	132	-6	119	65	36
				1	1.6	BAKER	FL					29
3	1.7	2	1.0	5	2.0	BAY	FL	-41	103	19	30	38
1	2.8	1	2.4			BRADFORD	FL	-17				
2	1.2	7	1.4	27	2.6	BREVARD	FL	25	83	128	68	53
11	1.0	37	1.0	148	2.3	BROWARD	FL	0	129	129	68	44
1	3.3			1	1.7	CALHOUN	FL			-48	06	31
		2	.6	12	2.2	CHARLOTTE	FL		260			42
1	3.5	1	.4	14	3.6	CITRUS	FL	-89	790	2	23	74

* SIGNIFICANTLY MORE DEATHS THAN EXPECTED

COUNTIES COMBINED; SEE TECHNICAL NOTES